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New birth cohort life tables for Canada and Quebec, 1801-1991

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This paper represents the views of the authors and does not necessarily reflect the opinions of Statistics Canada.

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SUMMARY

For historical reasons, the best known life tables and those most often used are ***period tables***. They are built using death rates by age for a short period of observation (often a single year) and have as their purpose to represent the status of mortality for this period. The survivors and deaths appearing in their columns are in a way abstractions rather than reality. It is thus erroneous to believe that the life table for a given year (for example, 1995) serves in any way to predict the rate at which those born that year will pass away and, hence, of the average length of the life that they have just begun. With rare exceptions, the average number of years lived by individuals has always been longer than the life expectancy found in the life table constructed for the year of their birth. This is due to the fact that period tables are established using the risks of death by age prevailing in that year. But the ceaseless battle against death reduces these risks year after year for these ages and, by growing older, people benefit from these successive gains.

To reconstitute (or foresee) the rate at which the members of a cohort have (or will) really pass away, it is necessary to deploy very long series of death rates by age and to possess reliable indicators of missing data, and then to adjust them to establish the actual experience of the persons in a cohort. Built in exactly the same way as period tables, these tables are naturally called ***cohort tables***, but comparing observations of their parameters yields conclusions of a different kind.

CURRENT DEMOGRAPHIC ANALYSIS

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Part 1

INTRODUCTION

Mortality during the nineteenth century in Canada and Quebec is poorly understood, since the system for registering vital statistics did not begin until 1921 in Canada and 1926 in Quebec. Before then, the data available (deaths by age and sex) are fragmentary and seldom reliable. Of course, Quebec has parish registers that contain baptismal, marriage and death certificates; however, such data from the nineteenth century have not yet been compiled for the entire province. Without a long time series for deaths, it is difficult to trace the demographic history of a birth cohort, that is, the group of persons born in a given year.

And yet it is increasingly necessary to have longitudinal data in order to obtain an accurate picture of how demographic phenomena are evolving. For mortality, current data have long seemed sufficient, since mortality is not subject to abrupt change in the short term in the pace at which people disappear. However, mortality has changed greatly in the long term, especially since the turn of the twentieth century, with the result that cross-sectional measures describe the real behaviour of the birth cohorts poorly.

A number of countries have already constructed birth cohort life tables: Germany (Bomsdorf, 1993), England and Wales (Case, 1962), Australia (Lancaster, 1959; Young, 1969), Belgium (Veys, 1981), France (Delaporte, 1941; Vallin, 1973), the Netherlands (Tas, 1991; Van Poppel, 1996), Sweden (Schoen and Urton 1979; Bolander, 1970) and the United States (Jacobson, 1964). In most cases, these are countries for which data are available covering long periods.

For Canada and Quebec, it has been necessary to make up for the lack of data by indirect methods of estimating mortality. Through the "method of lag", which is original at least in its application (Bourbeau and Légaré, 1982), and the use of model life tables, it has been possible to reconstruct a badly known reality. The development of new birth cohort life tables rests on these two methodological foundations but involves certain refinements of data and methods that yield a wider range of tables and more plausible results for the twentieth century cohorts, in comparison with the first tables of Bourbeau and Légaré (1982).

More specifically, the new tables differ from the old ones in three main respects:

1) the estimated five-year probabilities of dying are smoothed by means of a technique for a gradual change so as to avoid overly abrupt changes between the hinge years of two consecutive age groups when converting from period tables to birth cohort tables;

2) since recent mortality data - namely the life tables from 1971 to 1991 - have become available, it is possible to extend the mortality history of the cohorts concerned;

3) age-specific mortality projections are used for birth cohorts not extinguished by 1991: the projections of the Bureau de la Statistique du Québec (BSQ, 1994) and those of Statistics Canada (1994) were used to supplement the mortality history of the cohorts. These improvements enhance the credibility of the tables. In fact, it is worth noting that, from 1971 to 1991, according to current indices, male life expectancy at birth in Canada rose from 69.4 years to 74.6 years and female life expectancy from 76.5 years to 80.9 years. The projections of the official

statistical agencies offer the prospect that in coming years the levels will be even higher: 78.5 years for males and 84.0 years for females in 2016, according to the medium assumption of Statistics Canada.

This document is organized as follows:

- Following the introduction, which constitutes Part 1, Part 2 presents the data sources and methodology used to construct the life tables.
- Part 3 is a brief guide to the use of life tables for people unfamiliar with this demographic model.
- Part 4 summarizes the main findings concerning mortality in Canada and Quebec.
- Part 5 presents life tables for the birth cohorts from 1801 to 1941 as well as abridged tables for the 1946 to 1991 cohorts, while Part 6 presents estimated period life tables for the period 1831-1921.

Part 2

DATA SOURCES AND METHODOLOGY

2.1 Description of database

The new life tables are based on a set of current probabilities of dying available for the periods covered, as shown below:

Period 1831-1921:

Estimated probabilities of dying by 10-year period (Bourbeau and Légaré, 1982);

Period 1926-1981:

Probabilities of dying calculated by Nagnur (1988) from vital statistics and census data or population estimates, by 5-year period;

Year 1986:

Probabilities of dying from the official table of Statistics Canada, 1985-1987 (Statistics Canada, 1989);

Year 1991:

- For Quebec, probabilities of dying from the table estimated by the Bureau de la Statistique du Québec (Thibault, 1994);
- For Canada, probabilities of dying from the table estimated by Statistics Canada (Nault, 1994);

Period 1996-2041:

For Quebec, projected probabilities of dying, smoothed by 5-year period, supplied by the Bureau de la Statistique du Québec (Thibault, 1994);

Period 1996-2016:

For Canada, projected probabilities of dying by 5-year period (medium assumption), supplied by Statistics Canada (Nault, 1994).

2.2 Data reliability

2.2.1 Data prior to 1926: Estimated tables of Bourbeau-Légaré

The data used to construct the period and birth cohort tables are obtained from the estimates made by Bourbeau and Légaré (1982) when they established their first birth cohort tables. These estimated probabilities of dying for the period 1831 to 1921 are based on the lag method and the use of model life tables as proposed by Ledermann (1969). The lag method consists in envisioning how mortality will develop in a given country on the basis of patterns observed in other, more "advanced" countries, taking account of the lag in years that separates the country concerned from those used as a guide. Thus for Canada and Quebec, a link was established between the value of certain probabilities of dying observed during the period 1931 to 1976 and the corresponding values for other countries for which data were available not only for the period 1931-1976 but also for earlier periods. The lag was evaluated and it was assumed that it had been maintained during the period prior to 1931.

The probabilities of dying selected for the exercise are those by which one "enters" Ledermann model tables: the probability of dying between 0 and 15 years of age for both sexes combined ($_{15}q_0$), and the probability of dying between 30 and 50 years of age for females ($_{20}q_{30}$). Five countries were examined: Sweden (1816-1976), England and Wales (1861-1971), France (1851-1976), the United States (1921-1976) and Belgium (1901-1976). For example, during the period 1931-1976, the lag between Canada and the other countries was evaluated as follows: For mortality between 0 and 15 years

of age for both sexes combined, Sweden was considered to have a 10-year lead and the United States a 5-year lead. The levels for France and England and Wales were seen as identical to each other and the same as for Canada (Bourbeau and Légaré, 1982, p. 37). It was assumed that these differentials were identical in the past, and the value of probabilities of dying for Canada was estimated to be the average of the probabilities for those countries, after an adjustment to take account of the lag observed between 1931 and 1976.

This method, which seems rather daring, was tested with Norway (Tremblay, 1983) and yielded highly acceptable results. The tables thus constructed are the only ones of their kind. They have been used in different studies (Burch and Selvanathan, 1987; Duchesne, 1991; McQuillan, 1985; Pool, 1982). The purpose of constructing them was to make up for the lack of information on mortality in Canada and Quebec before the introduction of vital statistics in 1921. In the pioneering context of this undertaking, certain simplifying assumptions were made, such as the assumption that for the birth cohorts not extinguished by 1971, the mortality level should be held constant at the level observed for that date. This assumption has been discarded in the new tables.

2.2.2 Data between 1926 and 1991: Censuses and vital statistics

For the period between the point when demographic phenomena began to be registered in vital statistics (1921 in Canada and 1926 in Quebec) and 1991, data are available for calculating mortality rates by age group and by period. Death figures obtained from vital statistics form the numerators, and census population counts serve as the denominators. The reporting of deaths in the vital statistics is reliable as regards to age, and the completeness of the data is not open to question. As to the census data, while they are not perfect, they are considered to be of very good quality; their main deficiency lies in underenumeration, especially with respect to young adults. However, no correction was made to the data. To avoid possible biases that could result from the use of different methodologies in the construction of tables, the model constantly used by Nagnur (1988) was employed and for 1986 and 1991 for Canada, the tables published by Statistics Canada were constructed with the same methodology. For Quebec the tables published by the Bureau de la Statistique du Québec were adopted.

2.2.3 Data after 1991: Mortality projections

For the period since the publication of the last tables constructed with observed data, namely deaths for 1990 to 1992 and the population enumerated in 1991, the figures used were the latest mortality projections estimated by the Canadian and Quebec statistical agencies in developing their population projections. These provided probabilities of dying for the period 1991-2016 for Canada (Nault 1994, medium scenario), and for the period 1991-2041 for Quebec (Thibault, 1994). Mortality change in Quebec was estimated by examining probabilities of dying by year of age observed over the period 1971-1991. For Canada, we opted for the projection of life expectancies at birth to which mortality structures by age were associated, according to the Lee and Carter model (Statistics Canada, 1994).

2.3 Methodological aspects

2.3.1 Processing of certain data

Some current probabilities of dying had to be modified before they could be used for the new tables. For example, the value of the probability of dying at age zero in the estimated table for 1921 for Quebec appeared to underestimate the actual level of mortality for

each of the sexes by comparison with the level observed in 1931. In preference to it, the value obtained by means of a linear interpolation between the figures for 1911 and 1931 was used. This made it easier to go from the estimated death probabilities to the probabilities appearing in the published tables.

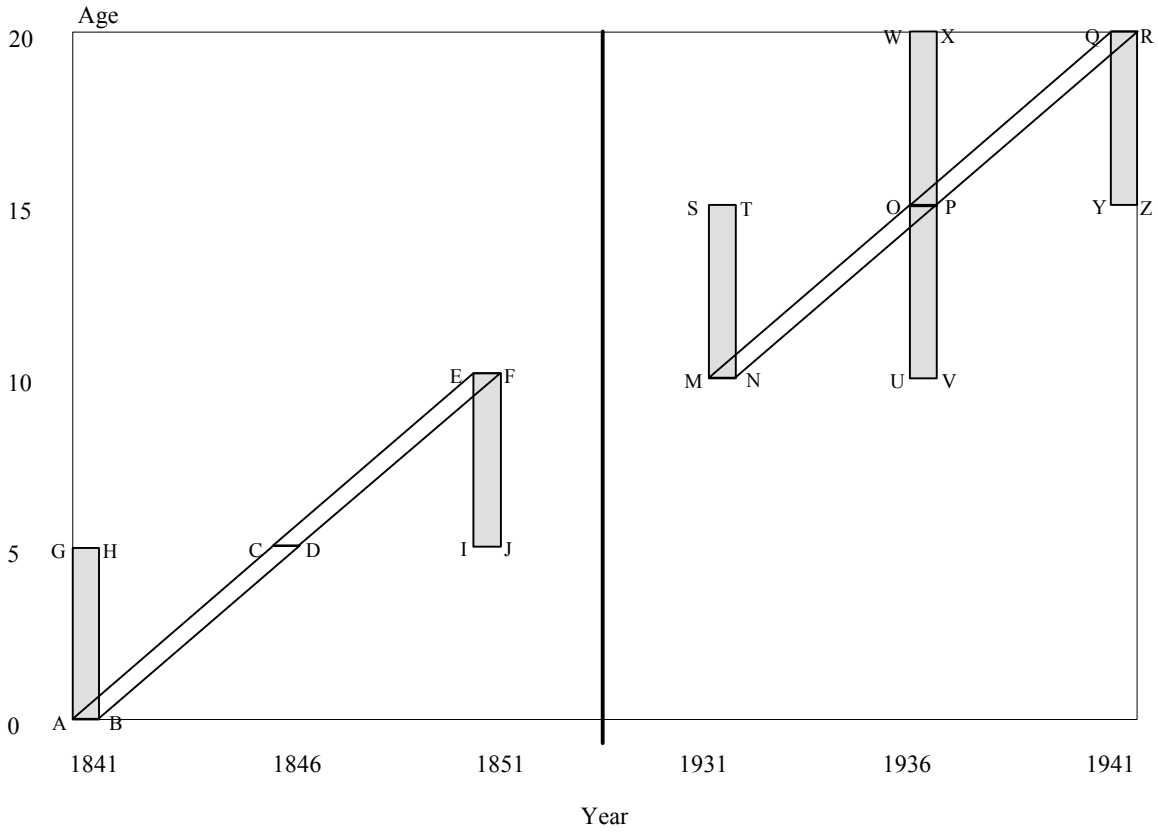
2.3.2 Conversion of current probabilities of dying into birth cohort probabilities of dying

There exist period probabilities of dying covering 185 years, namely from 1831 to 2016, for Canada (see Tables 2.1 and 2.2 at the end of Part 2), and covering 210 years, from 1831 to 2041, for Quebec (see Tables 2.5 and 2.6 at the end of Part 2). Until 1931, the reference years are every ten years (1831, 1841, 1851, etc.) and, starting in 1936, every 5 years (1936, 1941, 1946, etc.).

The following Lexis diagram illustrates how period probabilities of dying were assigned to the different birth cohorts (Figure 2.1). The first part of the diagram, to the left, gives an example of the process when the reference years are 10 years apart, as is the case until 1931. The second, to the right, illustrates the same process when the reference years are available at 5-year intervals, as has been the case since 1936.

The first part shows how to deduce the mortality of the 1841 birth cohort between 0 and 10 years of age. First, the probabilities of dying at age 0 and between 1 and 5 years of age for

Figure 2.1 Lexis Diagram Illustrating Assignment of Current Probabilities of Dying to Birth Cohorts



the year 1841 is applied to the initial count for the cohort; then the probability of dying between the fifth and tenth anniversary of the year 1851 is applied to survivors to age 5. It is thus assumed that the number of deaths in BAGH is equivalent to the one shown in ABDC and that the deaths in FEIJ are equivalent to those in CDFE. Most of the time, this assumption is not borne out. The mortality for the first half of the interval (between 0 and 5 years of age) is systematically overestimated and that of the second half (between 5 and 10 years of age) is systematically underestimated. The same is true for the other age groups. Nevertheless it seemed acceptable to hypothesize that the estimated number of survivors at the end of 10 years was equivalent to the actual number (Bourbeau and Légaré, 1982).

The second part illustrates how to estimate the mortality of the 1921 birth cohort between 10 and 20 years of age. First the average of the probabilities of dying between ages 10 and 15 for the years 1931 and 1936 (for males in Canada, (0.00790 + 0.00735) / 2 = 0.00763) is applied to survivors to age 10. Thus the average number of deaths in MNTS and UVPO is assumed to be equivalent to the deaths in MNPO. Next, the average of the probabilities of dying between ages 15 and 20 is calculated for the years 1936 and 1941 ((0.01050 + 0.00979) / 2 = 0.01015), which is considered as the probability of death to be applied to survivors to age 15. It is then assumed that the average of the deaths between OPXW and YZRQ is equivalent to the deaths in OPRQ. This assumption offers the prospect of more accurate results than those obtained in the first case, since the data observed are closer together.

This process yields the probabilities of dying for the 1831 to 1941 birth cohorts at 10-year intervals. For the cohorts prior to 1831, a major portion of their mortality can be reconstituted, especially for the cohorts close to 1831. In fact, all that is missing for the 1821 cohort are the probabilities from age 0 to 5, for the 1811 cohort from age 0 to 10, and for the 1801 cohort, from age 0 to 20. These missing probabilities were estimated so as to have life tables for all birth cohorts since the beginning of the nineteenth century. At the other end of the period covered, it was necessary to estimate the 5-year probabilities at ages 75 and 80 for the years 2021 and 2026 in order to establish the complete table for the 1941 Canadian birth cohorts. It should be noted that even though it was possible to construct life tables for birth cohorts subsequent to 1941, it was prudent to limit ourselves to that cohort, since it is the last for which half of its history is based on observed data and the other half on projected data. Beyond 1941, the birth cohort life tables become too dependent on projections; thus, for the 1946 to 1991 cohorts, the life tables are truncated, describing only the mortality history according to observed data.

2.3.3 Missing probabilities for the 1801, 1811 and 1821 birth cohorts

The missing essential probabilities (three data items) were estimated on the basis of the trend revealed over the 30 years following the year for which the estimate was desired. This amounted to a backward projection of the average trend of the probabilities for those years. More specifically, the probabilities were obtained by adding to the first probability available a value equal to the average in absolute value of the differences between the first three known probabilities. For example, the probability at age 0 in 1821 is equal to the probability at age 0 in 1831 plus the average in absolute value of the difference between the probabilities at age 0 for 1831 and 1841 and for 1841 and 1851. The same applies to the other probabilities to be estimated.

2.3.4 Missing probabilities for the 1941 birth cohort in Canada

The probabilities at 75 and 80 years of age for the years 2021 and 2026 were estimated by

making a linear projection of the probabilities at those ages in the period tables from 2006 to 2016. Those probabilities are necessary in order to calculate the complete life table by using the software described below.

Tables 2.3, 2.4, 2.7 and 2.8 at the end of this part show the probabilities of dying for the birth cohorts from 1801 to 1941 for Canada and Quebec respectively.

2.3.5 Construction of life tables based on probabilities of dying of birth cohorts

Birth cohort life tables based on probabilities of dying are constructed by means of the UNABR procedure, which uses the Mortpak software package (United Nations, 1988). The goal is to produce a series of smoothed probabilities or quotients ($_nq_x$), based on a series of available quotients ($_nq_x$) estimated, observed or projected, for age groups 0-1, 1-5, 5-10, 10-15, ..., 80-85. The procedure also produces estimated probabilities of dying for all years of age from 0 to 92 and thus allows for the calculation of complete tables. Mortality quotients by five-year age groups are decomposed using an 8-parameter formula developed by Heligman and Pollard (1980). These parameters are estimated by means of the least squares method. The mathematical equation that describes how mortality evolves by age includes three terms representing the mortality as far as the level and the structure is concerned. Three segments of human life are involved: childhood (age 0 to 10); adolescence and the first part of adulthood (from age 10 to 40); and the second part of adulthood and old age (age 40 and beyond):

$$q_x / p_x = A^{(x+B)^C} + De^{-E(\ln x - \ln F)^2} + GH^x$$

where q_x represents the probability of dying between the exact ages x and (x + 1) and $p_x = (1 - q_x)$. A, B,..., H are parameters to be estimated. The first term on the right, which estimates mortality for the first segment of life, is an exponential function that falls off quickly in conformity with the observation that mortality declines as the child adapts to its environment and becomes immune to various diseases. Parameter A measures the level of mortality and is nearly similar to q_1; B accounts for the variation in the infant mortality timetable and C measures the rate of decrease of mortality during childhood. The second term accounts for violent death (intentional or otherwise) of males and females between ages 10 and 40. The mortality level for females at these ages also depends on risks of death related to childbirth. The parameter F represents the age range affected by accidental death, E represents the dispersion of this mortality and D, its magnitude. The last term, which takes the form of a Gompertz exponential, represents the geometric increase in mortality levels at adult ages, related to the process of aging and degeneration. G is the base level of mortality at advanced ages and H is an indicator of the rate of increase of this mortality. To extend the life table to the extinction of the birth cohort (110 years), the method used is the one proposed by Coale and Kisker (1990), which has the advantage of better accounting for real changes in the rate of increase in mortality rates at advanced ages, especially after age 85.

The successive rates beyond the starting year are calculated as follows:

$$m_x = m_{84} * e^{\sum_{i=0}^{x} (k_{85+i})}$$

where m_x represents the mortality rate at age x and k represents the annual rate of increase in the mortality rate; for example, $k_{85} = \log (m_{85} / m_{84})$. The authors hypothesize that k evolves linearly beyond age 85, in other words that $k_{85+i} = k_{85} + (i * s)$, and that the mortality rate at age 110 for males and females is respectively 1.0 and 0.8. With these values for m_{110} and m_{84}, it is therefore possible to calculate the slope(s) of the equation used to obtain intermediate

mortality rates between the starting age and the uppermost age of the last segment (85 and 110). It is easy to go from

$$m_{110} = m_{84} * e^{\sum_{i=0}^{25} (k_{85+i})}$$

to

$$s = - (\log (m_{84} / m_{110}) + 26\, k_{85}) / 325.$$ [1]

It is this adjustment method that was used starting at age 85 for all birth cohorts except the 1831 female cohort in Quebec, for which the starting age for the last segment was 80, and the 1841 female cohort in Quebec, for which the last segment began at age 90 and the probability of dying between the ages of 80 and 85 has dropped from 0.20530 to 0.19000. It is clear that the formula can be adapted to a segment that can be made to begin at any age. For example, for a segment beginning at age 80, the slope of the equation would be:

$$s = - (\log (m_{79} / m_{110}) + 31\, k_{80}) / 465.$$ [2]

This method of estimating mortality at advanced ages leads to two observations concerning the timetable:

1) The probabilities of dying calculated by this method for ages close to the beginning of the last segment are probably very close to those calculated with the data obtained from observation, since they use the value that precedes the starting age of the segment and its increase.

2) As we approach the uppermost age, rates and probabilities take on increasingly higher values with the result that the table generates very few survivors beyond that age.

In short, this method yields mortality rate increases that diminish with age, which seems consistent with observed data from countries with very good registration (Kannisto, 1994; Kannisto et al., 1994). This does not, however, prevent the mortality rates themselves from rising.

[1] $325 = \sum_{i=0}^{25}$ is.

[2] $465 = \sum_{i=0}^{30}$ is.

Table 2.1 Age-specific Probabilities of Dying (per thousand), Canada, Males, 1831 to 2016

Estimated

Age	1831	1841	1851	1861	1871	1881	1891	1901	1911	1921
0	185.74	187.03	186.45	189.17	175.86	164.63	165.10	144.21	121.85	92.77
1	134.95	129.72	126.12	125.40	114.56	101.06	99.42	78.76	58.79	38.67
5	37.72	35.12	33.76	32.78	31.54	28.45	27.62	23.21	18.63	14.21
10	22.07	20.41	19.59	18.89	18.58	17.02	16.48	14.32	11.99	9.84
15	34.05	31.02	29.61	28.27	28.37	26.16	25.18	22.34	19.17	16.61
20	49.67	44.98	42.81	40.73	41.00	37.70	36.19	32.02	27.37	23.74
25	52.31	46.93	44.47	42.08	42.62	39.09	37.38	33.06	28.23	24.69
30	55.75	50.28	47.77	45.34	45.80	42.11	40.36	35.78	30.65	26.79
35	63.51	57.32	54.49	51.71	52.39	48.34	46.34	41.35	35.71	31.59
40	73.89	67.91	65.12	62.40	62.85	58.62	56.61	51.19	44.99	40.13
45	87.68	81.87	79.13	76.44	76.88	72.63	70.61	65.05	58.55	53.32
50	109.74	103.59	100.67	97.77	98.34	93.85	91.64	85.71	78.64	72.98
55	142.33	135.20	131.83	128.40	129.37	124.39	121.79	115.28	107.41	101.44
60	191.03	183.44	179.80	176.11	177.04	171.52	168.67	161.29	152.26	145.13
65	259.09	253.10	250.07	247.30	246.74	241.00	238.69	230.17	219.75	209.39
70	361.97	354.89	351.31	348.02	347.33	340.46	337.70	327.45	314.83	302.15
75	482.23	477.22	474.55	472.40	470.57	464.33	462.34	452.33	439.94	425.77
80	610.91	611.60	611.57	612.56	608.28	604.70	604.98	597.56	588.45	573.70
85	764.20	764.69	764.66	765.35	762.37	759.87	760.07	754.88	748.53	738.23
90	875.70	875.97	875.96	876.35	874.68	873.28	873.39	870.50	866.95	861.19
95	..	..	..	..	..	..	..	..	..	..
100	..	..	..	..	..	..	..	..	..	..
105	..	..	..	..	..	..	..	..	..	..
110	..	..	..	..	..	..	..	..	..	..

Observed

Age	1931	1936	1941	1946	1951	1956	1961	1966	1971	1976	1981	1986	1991
0	85.29	74.54	60.04	50.64	42.06	33.45	29.50	24.96	19.56	14.12	10.69	8.58	6.91
1	26.80	24.31	17.85	12.01	8.26	6.45	4.92	4.29	3.77	3.16	2.39	1.94	1.51
5	10.88	9.66	7.74	6.42	4.82	3.61	3.12	2.95	2.71	2.32	1.70	1.04	0.97
10	7.90	7.35	6.34	5.23	4.08	3.17	2.83	2.71	2.58	2.15	1.93	1.62	1.39
15	12.57	10.50	9.79	8.38	6.86	6.36	5.91	6.33	7.27	7.54	6.39	5.08	4.04
20	16.44	12.98	12.87	10.15	9.21	8.57	8.26	9.20	9.24	9.30	7.85	6.76	6.26
25	16.81	14.36	12.65	10.25	8.74	8.15	7.39	7.69	7.32	7.38	6.87	6.41	6.10
30	17.58	16.39	13.74	11.13	10.10	9.10	7.95	8.09	8.24	7.77	6.70	6.77	5.91
35	21.67	20.16	17.84	15.24	12.82	11.41	11.39	10.97	10.89	10.69	8.88	8.01	7.36
40	26.88	25.25	24.36	21.69	19.73	17.40	16.63	17.55	17.73	16.43	13.60	11.85	10.98
45	35.47	35.39	34.59	33.42	31.68	29.11	28.70	28.37	27.98	27.34	22.95	19.33	17.46
50	52.11	50.26	52.15	49.27	50.76	47.94	46.51	47.45	45.88	43.93	37.92	33.01	28.12
55	75.48	74.72	77.37	74.60	78.00	75.34	74.64	74.29	70.92	69.28	61.01	54.64	45.33
60	109.92	119.65	115.29	113.94	116.46	116.09	113.56	114.17	110.22	105.26	94.43	86.21	72.67
65	167.24	166.59	171.92	170.97	163.45	166.48	162.95	166.09	163.62	155.68	144.11	134.23	115.33
70	250.67	254.05	256.16	243.13	239.13	235.67	238.82	234.28	235.42	228.15	211.71	201.95	180.03
75	373.73	369.87	380.15	360.28	355.24	348.94	339.71	338.70	330.15	323.41	306.32	296.46	273.85
80	520.16	539.67	529.11	497.32	501.01	494.59	474.38	467.16	456.61	450.77	428.09	418.95	396.38
85	675.47	677.43	682.98	662.43	669.84	637.36	623.25	622.46	595.73	598.92	570.82	565.26	542.45
90	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	705.35	698.65
95	..	..	..	..	..	..	..	..	..	..	..	907.63	839.00
100	..	..	..	..	..	..	..	..	..	..	..	1,000.00	937.50
105	..	..	..	..	..	..	..	..	..	..	..	..	985.62
110	..	..	..	..	..	..	..	..	..	..	..	..	1,000.00

Projected

Age	1996	2001	2006	2011	2016
0	5.65	4.62	3.78	3.09	2.52
1	1.26	1.06	0.89	0.74	0.62
5	0.83	0.71	0.61	0.53	0.45
10	1.22	1.07	0.94	0.83	0.73
15	3.60	3.21	2.86	2.54	2.27
20	5.65	5.11	4.61	4.16	3.76
25	5.66	5.25	4.87	4.52	4.19
30	5.50	5.11	4.75	4.41	4.10
35	6.67	6.04	5.46	4.95	4.48
40	9.87	8.87	7.97	7.17	6.44
45	15.77	14.24	12.86	11.62	10.49
50	25.79	23.65	21.68	19.88	18.23
55	42.08	39.05	36.24	33.63	31.21
60	68.22	64.03	60.10	56.39	52.91
65	109.10	103.19	97.59	92.27	87.23
70	171.33	163.01	155.06	147.46	140.20
75	262.18	250.92	240.06	229.59	219.51
80	382.17	368.31	354.80	341.65	328.85
85	527.38	512.47	497.75	483.22	468.90
90	684.41	670.10	655.73	641.34	626.94
95	827.66	816.00	804.06	791.84	779.37
100	930.49	923.03	915.14	906.81	898.06
105	982.89	979.82	976.39	972.59	968.38
110	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00

Table 2.2 Age-specific Probabilities of Dying (per thousand), Canada, Females, 1831 to 2016

Estimated

Age	1831	1841	1851	1861	1871	1881	1891	1901	1911	1921
0	162.36	163.96	163.58	166.39	153.50	142.99	143.56	123.99	103.32	76.72
1	135.76	129.93	126.00	125.08	113.83	99.61	97.82	76.43	56.07	36.05
5	39.33	35.94	34.22	32.93	31.66	28.05	27.03	22.11	17.14	12.63
10	26.79	23.86	22.49	21.27	21.09	18.82	17.95	15.07	12.06	9.60
15	39.61	34.73	32.53	30.44	30.79	27.62	26.16	22.37	18.29	15.31
20	51.81	45.14	42.18	39.30	40.06	36.00	34.01	29.27	24.13	20.59
25	55.90	48.79	45.63	42.54	43.44	39.18	37.04	32.08	26.65	22.98
30	58.97	51.79	48.59	45.45	46.34	41.97	39.78	34.64	28.99	25.11
35	61.66	55.06	52.06	49.14	49.84	45.58	43.50	38.34	32.60	28.44
40	65.39	58.77	55.77	52.77	53.74	49.65	47.51	42.59	36.98	33.15
45	70.54	64.39	61.59	58.72	59.84	56.11	54.04	49.55	44.30	40.88
50	87.24	80.54	77.48	74.29	75.63	71.57	69.25	64.34	58.50	54.79
55	115.74	108.15	104.63	100.99	102.34	97.48	94.79	88.73	81.47	76.50
60	161.86	153.81	149.97	146.13	146.97	141.09	138.15	130.35	120.96	113.47
65	229.98	221.31	217.08	212.97	213.27	206.22	202.98	193.17	181.29	170.84
70	327.71	321.26	317.87	315.06	313.13	305.63	303.14	291.45	277.26	261.74
75	443.70	439.91	437.69	436.36	432.95	426.25	424.74	413.33	399.36	381.76
80	577.57	577.64	577.25	578.01	573.24	568.63	568.65	559.49	548.27	530.98
85	740.93	740.98	740.71	741.24	737.91	734.69	734.71	728.31	720.48	708.41
90	862.70	862.73	862.58	862.87	861.02	859.22	859.23	855.65	851.28	844.54
95	..	..	..	..	..	..	..	..	..	..
100	..	..	..	..	..	..	..	..	..	..
105	..	..	..	..	..	..	..	..	..	..
110	..	..	..	..	..	..	..	..	..	..

Observed

Age	1931	1936	1941	1946	1951	1956	1961	1966	1971	1976	1981	1986	1991
0	69.08	59.69	47.87	40.33	33.57	26.84	23.15	19.96	15.17	11.38	8.27	6.78	5.80
1	23.58	21.13	15.25	10.17	6.79	5.30	4.00	3.31	3.04	2.49	1.83	1.59	1.10
5	8.61	8.35	6.14	4.81	3.35	2.32	1.98	2.01	1.79	1.54	1.18	0.84	0.81
10	7.62	6.34	4.93	3.85	2.68	2.02	1.51	1.57	1.57	1.34	1.14	0.95	0.87
15	11.73	9.45	7.30	6.31	3.86	2.69	2.46	2.51	2.81	2.62	2.26	1.95	1.73
20	16.31	13.57	10.05	8.32	4.84	3.20	2.88	2.79	2.82	2.70	2.31	2.06	1.90
25	19.03	15.77	12.30	8.95	5.55	4.18	3.45	3.20	3.21	2.77	2.68	2.21	1.90
30	20.38	18.41	13.68	10.71	7.18	5.18	4.42	4.44	4.49	3.84	3.18	2.89	2.64
35	23.61	22.01	17.16	13.45	10.27	7.44	6.88	6.52	6.62	5.88	5.03	4.13	4.04
40	27.02	24.43	21.13	17.48	14.98	11.68	10.39	10.23	10.30	9.13	8.04	7.02	6.39
45	33.75	31.79	28.58	25.57	22.61	18.80	16.77	16.27	15.33	15.18	12.70	11.67	10.17
50	45.53	44.28	40.33	36.67	32.15	28.01	25.94	25.16	24.03	21.76	20.23	18.75	16.23
55	66.80	62.49	60.31	53.93	49.14	44.58	40.24	38.30	36.23	33.85	31.17	28.83	25.91
60	97.69	98.12	88.10	83.03	76.94	70.40	63.35	59.26	54.67	51.22	47.38	44.51	41.28
65	147.63	143.53	139.79	128.63	117.97	108.10	101.24	92.55	85.42	80.05	73.94	69.40	65.46
70	225.00	226.50	212.52	202.89	189.33	170.65	159.95	145.70	136.23	126.58	115.49	109.93	102.91
75	349.84	336.82	335.29	310.53	301.56	285.49	260.32	240.41	218.61	201.04	183.28	178.04	159.56
80	496.71	504.39	480.30	460.79	450.03	430.01	405.59	380.92	344.07	322.29	293.75	283.57	248.96
85	648.45	646.76	650.20	636.57	617.88	593.54	582.28	554.18	509.35	486.64	447.66	435.53	377.91
90	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	602.71	539.96
95	..	..	..	..	..	..	..	..	..	..	..	874.06	714.81
100	..	..	..	..	..	..	..	..	..	..	..	1,000.00	865.84
105	..	..	..	..	..	..	..	..	..	..	..	..	959.68
110	..	..	..	..	..	..	..	..	..	..	..	..	1,000.00

Projected

Age	1996	2001	2006	2011	2016
0	4.88	4.11	3.46	2.92	2.46
1	0.95	0.81	0.70	0.60	0.52
5	0.71	0.62	0.55	0.48	0.42
10	0.78	0.70	0.62	0.56	0.50
15	1.57	1.42	1.28	1.16	1.05
20	1.74	1.59	1.46	1.34	1.23
25	1.78	1.67	1.57	1.47	1.38
30	2.48	2.33	2.18	2.05	1.93
35	3.71	3.41	3.13	2.88	2.64
40	5.83	5.33	4.86	4.44	4.05
45	9.32	8.54	7.83	7.18	6.58
50	15.07	13.99	12.99	12.06	11.19
55	24.30	22.79	21.37	20.04	18.79
60	39.08	37.00	35.02	33.15	31.38
65	62.36	59.39	56.57	53.87	51.30
70	98.47	94.21	90.12	86.20	82.44
75	153.31	147.28	141.47	135.87	130.47
80	240.45	232.19	224.16	216.37	208.82
85	367.39	357.06	346.95	337.04	327.34
90	528.12	516.38	504.75	493.24	481.85
95	703.31	691.74	680.10	668.42	656.71
100	856.92	847.74	838.31	828.64	818.74
105	955.12	950.24	945.05	939.53	933.69
110	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00

Table 2.3 Probabilities of Dying by Birth Cohort (per thousand), Canada, Males, 1801-2016

Age	1801	1811	1821	1831	1841	1851	1861	1871	1881	1891	1901
0	186.98	186.56	186.10	185.74	187.03	186.45	189.17	175.86	164.63	165.10	144.21
1	148.80	144.18	139.36	134.95	129.72	126.12	125.40	114.56	101.06	99.42	78.76
5	41.99	39.70	37.72	35.12	33.76	32.78	31.54	28.45	27.62	23.21	18.63
10	24.77	23.32	22.07	20.41	19.59	18.89	18.58	17.02	16.48	14.32	11.99
15	36.27	34.05	31.02	29.61	28.27	28.37	26.16	25.18	22.34	19.17	16.61
20	53.11	49.67	44.98	42.81	40.73	41.00	37.70	36.19	32.02	27.37	23.74
25	52.31	46.93	44.47	42.08	42.62	39.09	37.38	33.06	28.23	24.69	16.81
30	55.75	50.28	47.77	45.34	45.80	42.11	40.36	35.78	30.65	26.79	16.99
35	57.32	54.49	51.71	52.39	48.34	46.34	41.35	35.71	31.59	21.67	19.00
40	67.91	65.12	62.40	62.85	58.62	56.61	51.19	44.99	40.13	26.07	23.03
45	79.13	76.44	76.88	72.63	70.61	65.05	58.55	53.32	35.47	34.99	32.55
50	100.67	97.77	98.34	93.85	91.64	85.71	78.64	72.98	51.19	50.71	49.35
55	128.40	129.37	124.39	121.79	115.28	107.41	101.44	75.48	76.05	76.30	74.99
60	176.11	177.04	171.52	168.67	161.29	152.26	145.13	114.79	114.62	116.28	113.87
65	246.74	241.00	238.69	230.17	219.75	209.39	167.24	169.26	167.21	164.72	164.86
70	347.33	340.46	337.70	327.45	314.83	302.15	252.36	249.65	237.40	236.55	231.79
75	464.33	462.34	452.33	439.94	425.77	373.73	375.01	357.76	344.33	334.43	314.87
80	604.70	604.98	597.56	588.45	573.70	529.92	513.22	497.80	470.77	453.69	423.52
85	760.07	754.88	748.53	738.23	675.47	680.21	666.14	630.31	609.10	584.87	553.85
90	873.39	870.50	866.95	861.19	…	…	…	…	…	…	…

Age	1911	1921	1931	1936	1941	1946	1951	1956	1961	1966	1971
0	121.85	92.77	85.29	74.54	60.04	50.64	42.06	33.45	29.50	24.96	19.56
1	58.79	38.67	25.56	21.08	14.93	10.14	7.36	5.69	4.61	4.03	3.47
5	14.21	10.88	8.70	7.08	5.62	4.22	3.37	3.04	2.83	2.52	2.01
10	9.84	7.63	5.79	4.66	3.63	3.00	2.77	2.65	2.37	2.04	1.77
15	12.57	10.15	7.62	6.61	6.14	6.12	6.80	7.41	6.97	5.73	4.56
20	14.71	11.51	8.89	8.42	8.73	9.22	9.27	8.58	7.31	6.51	5.96
25	13.51	9.50	7.77	7.54	7.51	7.35	7.13	6.64	6.26	5.88	5.46
30	12.44	9.60	8.02	8.17	8.01	7.24	6.74	6.34	5.70	5.30	4.93
35	14.03	11.40	10.93	10.79	9.79	8.45	7.69	7.01	6.35	5.75	5.21
40	18.57	17.09	17.08	15.02	12.73	11.42	10.42	9.37	8.42	7.57	6.80
45	28.91	28.18	25.15	21.14	18.39	16.61	15.01	13.55	12.24	11.06	…
50	46.98	44.91	35.46	30.56	26.95	24.72	22.66	20.78	19.05	…	…
55	72.61	65.15	49.99	43.70	40.57	37.65	34.94	32.42	…	…	…
60	107.74	90.32	70.44	66.12	62.06	58.25	54.65	…	…	…	…
65	149.90	124.78	106.15	100.39	94.93	89.75	…	…	…	…	…
70	206.83	175.68	159.03	151.26	143.83	140.20	…	…	…	…	…
75	285.16	256.55	234.82	224.55	214.51	204.25	…	…	…	…	…
80	389.28	361.56	335.25	322.55	309.88	…	…	…	…	…	…
85	519.93	490.48	…	…	…	…	…	…	…	…	…
90	…	…	…	…	…	…	…	…	…	…	…

Age	1976	1981	1986	1991	1996	2001	2006	2011	2016
0	14.12	10.69	8.58	6.91	5.65	4.62	3.78	3.09	2.52
1	2.78	2.16	1.72	1.39	1.16	0.97	0.81	0.68	…
5	1.37	1.00	0.90	0.77	0.66	0.57	0.49	…	…
10	1.50	1.30	1.15	1.01	0.88	0.78	…	…	…
15	3.82	3.40	3.03	2.70	2.40	…	…	…	…
20	5.38	4.86	4.39	3.96	…	…	…	…	…
25	5.06	4.69	4.36	…	…	…	…	…	…
30	4.58	4.26	…	…	…	…	…	…	…
35	4.71	…	…	…	…	…	…	…	…
40	…	…	…	…	…	…	…	…	…
45	…	…	…	…	…	…	…	…	…
50	…	…	…	…	…	…	…	…	…
55	…	…	…	…	…	…	…	…	…
60	…	…	…	…	…	…	…	…	…
65	…	…	…	…	…	…	…	…	…
70	…	…	…	…	…	…	…	…	…
75	…	…	…	…	…	…	…	…	…
80	…	…	…	…	…	…	…	…	…
85	…	…	…	…	…	…	…	…	…
90	…	…	…	…	…	…	…	…	…

Table 2.4 Probabilities of Dying by Birth Cohort (per thousand), Canada, Females, 1801-2016

Age	1801	1811	1821	1831	1841	1851	1861	1871	1881	1891	1901
0	164.02	163.46	162.97	162.36	163.96	163.58	166.39	153.50	142.99	143.56	123.99
1	151.11	146.00	140.64	135.76	129.93	126.00	125.08	113.83	99.61	97.82	76.43
5	44.86	41.89	39.33	35.94	34.22	32.93	31.66	28.05	27.03	22.11	17.14
10	31.47	28.93	26.79	23.86	22.49	21.27	21.09	18.82	17.95	15.07	12.06
15	43.15	39.61	34.73	32.53	30.44	30.79	27.62	26.16	22.37	18.29	15.31
20	56.63	51.81	45.14	42.18	39.30	40.06	36.00	34.01	29.27	24.13	20.59
25	55.90	48.79	45.63	42.54	43.44	39.18	37.04	32.08	26.65	22.98	19.03
30	58.97	51.79	48.59	45.45	46.34	41.97	39.78	34.64	28.99	25.11	19.40
35	55.06	52.06	49.14	49.84	45.58	43.50	38.34	32.60	28.44	23.61	19.59
40	58.77	55.77	52.77	53.74	49.65	47.51	42.59	36.98	33.15	25.73	19.31
45	61.59	58.72	59.84	56.11	54.04	49.55	44.30	40.88	33.75	30.19	24.09
50	77.48	74.29	75.63	71.57	69.25	64.34	58.50	54.79	44.91	38.50	30.08
55	100.99	102.34	97.48	94.79	88.73	81.47	76.50	66.80	61.40	51.54	42.41
60	146.13	146.97	141.09	138.15	130.35	120.96	113.47	97.91	85.57	73.67	61.31
65	213.27	206.22	202.98	193.17	181.29	170.84	147.63	141.66	123.30	104.67	88.99
70	313.13	305.63	303.14	291.45	277.26	261.74	225.75	207.71	179.99	152.83	131.41
75	426.25	424.74	413.33	399.36	381.76	349.84	336.06	306.05	272.91	229.51	192.16
80	568.63	568.65	559.49	548.27	530.98	500.55	470.55	440.02	393.26	333.18	288.66
85	734.71	728.31	720.48	708.41	648.45	648.48	627.23	587.91	531.77	467.15	406.72
90	859.23	855.65	851.28	844.54	…	…	…	…	…	…	…

Age	1911	1921	1931	1936	1941	1946	1951	1956	1961	1966	1971
0	103.32	76.72	69.08	59.69	47.87	40.33	33.57	26.84	23.15	19.96	15.17
1	56.07	36.05	22.36	18.19	12.71	8.48	6.05	4.65	3.66	3.18	2.77
5	12.63	8.61	7.25	5.48	4.08	2.84	2.15	2.00	1.90	1.67	1.36
10	9.60	6.98	4.39	3.27	2.35	1.77	1.54	1.57	1.46	1.24	1.04
15	11.73	8.38	5.09	3.28	2.58	2.49	2.66	2.72	2.44	2.10	1.84
20	14.94	9.19	4.02	3.04	2.84	2.81	2.76	2.51	2.18	1.98	1.82
25	14.04	7.25	3.82	3.33	3.21	2.99	2.73	2.44	2.05	1.84	1.73
30	12.20	6.18	4.43	4.47	4.17	3.51	3.03	2.76	2.56	2.40	2.25
35	11.86	7.16	6.57	6.25	5.46	4.58	4.09	3.88	3.56	3.27	3.00
40	13.33	10.31	9.72	8.59	7.53	6.70	6.11	5.58	5.09	4.65	4.24
45	17.79	15.80	13.94	12.18	10.92	9.74	8.93	8.19	7.50	6.88	…
50	25.55	22.90	19.49	17.49	15.65	14.53	13.49	12.52	11.62	…	…
55	37.27	32.51	27.37	25.10	23.54	22.08	20.71	19.42	…	…	…
60	52.95	45.94	40.18	38.04	36.01	34.09	32.27	…	…	…	…
65	77.00	67.43	60.87	57.98	55.22	52.59	…	…	…	…	…
70	112.71	100.69	92.16	88.16	84.32	82.44	…	…	…	…	…
75	168.80	150.29	138.67	133.17	127.73	122.25	…	…	…	…	…
80	244.71	228.17	212.59	205.91	198.25	…	…	…	…	…	…
85	362.23	342.00	…	…	…	…	…	…	…	…	…
90	…	…	…	…	…	…	…	…	…	…	…

Age	1976	1981	1986	1991	1996	2001	2006	2011	2016
0	11.38	8.27	6.78	5.80	4.88	4.11	3.46	2.92	2.46
1	2.16	1.71	1.34	1.02	0.88	0.76	0.65	0.56	…
5	1.01	0.82	0.76	0.67	0.59	0.51	0.45	…	…
10	0.91	0.82	0.74	0.66	0.59	0.53	…	…	…
15	1.65	1.49	1.35	1.22	1.11	…	…	…	…
20	1.67	1.53	1.40	1.28	…	…	…	…	…
25	1.62	1.52	1.43	…	…	…	…	…	…
30	2.12	1.99	…	…	…	…	…	…	…
35	2.76	…	…	…	…	…	…	…	…
40	…	…	…	…	…	…	…	…	…
45	…	…	…	…	…	…	…	…	…
50	…	…	…	…	…	…	…	…	…
55	…	…	…	…	…	…	…	…	…
60	…	…	…	…	…	…	…	…	…
65	…	…	…	…	…	…	…	…	…
70	…	…	…	…	…	…	…	…	…
75	…	…	…	…	…	…	…	…	…
80	…	…	…	…	…	…	…	…	…
85	…	…	…	…	…	…	…	…	…
90	…	…	…	…	…	…	…	…	…

Table 2.5 Period Probabilities of Dying (per thousand), Quebec, Males, 1831-2041

Estimated

Age	1831	1841	1851	1861	1871	1881	1891	1901	1911	1921
0	192.22	191.27	190.68	189.74	188.61	173.39	164.40	155.31	130.01	120.24
1	137.16	132.78	128.51	124.74	122.24	111.04	102.91	91.14	70.40	50.98
5	36.87	35.29	33.68	32.38	31.63	30.64	29.32	26.27	22.54	17.77
10	21.30	20.36	19.40	18.63	18.21	18.10	17.58	15.94	14.37	11.88
15	32.32	30.73	29.07	27.79	27.11	27.65	27.18	24.71	23.16	19.73
20	46.94	44.49	41.94	39.98	38.95	39.91	39.27	35.55	33.40	28.36
25	49.05	46.29	43.42	41.23	40.09	41.43	40.87	36.84	34.89	29.62
30	52.48	49.66	46.72	44.47	43.30	44.57	43.94	39.74	37.57	31.98
35	59.74	56.57	53.26	50.72	49.41	51.02	50.42	45.74	43.57	37.43
40	70.36	67.24	63.96	61.42	60.08	61.45	60.69	55.85	53.20	46.50
45	84.27	81.22	77.99	75.46	74.13	75.48	74.71	69.82	67.09	60.12
50	106.09	102.86	99.41	96.71	95.28	96.86	96.10	90.86	88.09	80.55
55	137.97	134.26	130.28	127.15	125.51	127.70	127.04	121.11	118.52	110.17
60	186.45	182.47	178.17	174.76	172.96	175.21	174.40	167.83	164.70	155.16
65	256.05	252.73	249.14	246.24	244.63	244.97	243.35	236.92	231.26	220.18
70	358.40	354.46	350.21	346.76	344.84	345.22	343.27	335.57	328.72	315.30
75	480.28	477.32	474.15	471.52	470.01	468.77	466.38	459.67	451.47	438.20
80	613.08	612.95	612.94	612.79	612.52	607.54	604.50	601.51	591.54	581.38
85	765.72	765.63	765.62	765.52	765.33	761.85	759.73	757.64	750.68	743.59
90	876.55	876.50	876.50	876.44	876.33	874.39	873.20	872.04	868.15	864.19
95	..	..	..	..	..	..	..	..	..	..

Observed

Age	1931	1936	1941	1946	1951	1956	1961	1966	1971	1976	1981	1986	1991
0	110.46	95.48	75.86	61.04	52.90	41.33	33.81	27.06	20.79	14.49	9.80	8.02	6.53
1	40.43	33.48	25.03	14.64	9.87	7.26	5.74	4.82	4.04	3.91	2.25	1.95	1.41
5	15.09	13.16	9.84	7.70	5.76	4.33	4.00	3.62	3.33	2.90	2.00	1.14	1.15
10	8.93	8.22	6.91	5.35	4.43	3.43	3.12	3.05	2.85	2.48	1.97	1.79	1.52
15	14.08	12.12	10.19	9.28	7.20	6.71	5.81	5.87	7.29	7.51	6.13	5.27	4.53
20	19.21	15.86	14.09	12.05	9.43	8.34	8.31	9.50	9.98	9.75	7.79	7.04	6.06
25	18.24	17.39	14.98	12.35	9.92	8.08	7.41	7.75	7.70	8.04	7.09	6.60	6.34
30	20.34	19.04	15.81	13.07	11.08	9.71	8.12	8.17	8.81	8.60	7.36	7.37	7.11
35	25.64	22.04	20.29	17.96	14.07	12.43	12.37	11.62	11.29	11.22	9.70	8.84	8.56
40	32.80	30.08	29.11	24.94	21.82	18.95	18.92	18.31	18.33	17.26	14.59	12.68	11.18
45	40.31	39.52	40.16	38.28	35.39	32.07	30.77	30.76	29.75	30.05	24.78	21.03	18.53
50	59.77	55.40	59.22	55.67	56.97	52.70	50.09	50.98	49.92	48.86	41.93	36.21	30.45
55	81.43	85.63	85.04	82.83	85.67	83.41	81.29	81.65	80.06	77.64	66.37	61.26	50.43
60	119.96	133.27	123.98	124.16	127.99	125.14	121.16	122.03	121.22	118.35	106.03	97.04	84.54
65	178.63	172.06	180.84	184.15	176.78	181.09	171.51	177.49	177.66	171.53	159.37	150.95	128.58
70	265.15	245.52	269.91	251.80	257.49	250.21	249.89	246.43	250.82	250.22	229.70	226.53	199.64
75	389.02	377.53	393.23	375.16	372.49	366.39	350.82	358.00	353.00	344.22	325.27	319.53	292.60
80	526.93	567.40	550.06	504.22	519.05	515.26	492.24	482.38	491.19	470.11	444.59	445.48	412.53
85	699.00	588.92	684.02	704.55	667.85	669.36	641.38	649.98	628.31	627.05	577.02	..	555.13
90	..	..	..	..	..	..	..	..	..	..	..	..	673.37
95	..	..	..	..	..	..	..	..	..	..	..	..	735.83

Projected

Age	1996	2001	2006	2011	2016	2021	2026	2031	2036	2041
0	5.32	4.34	3.54	2.89	2.36	1.92	1.57	1.28	1.04	0.85
1	1.20	0.98	0.80	0.65	0.54	0.44	0.35	0.29	0.23	0.19
5	0.93	0.77	0.63	0.53	0.43	0.36	0.30	0.25	0.20	0.15
10	1.37	1.15	0.97	0.82	0.68	0.58	0.48	0.41	0.34	0.28
15	3.83	3.37	2.94	2.58	2.26	1.97	1.73	1.50	1.31	1.15
20	5.51	4.96	4.46	4.02	3.63	3.27	2.95	2.65	2.40	2.15
25	6.01	5.66	5.33	5.02	4.73	4.47	4.21	3.97	3.72	3.53
30	6.79	6.46	6.14	5.86	5.57	5.30	5.03	4.79	4.55	4.33
35	8.06	7.59	7.16	6.75	6.36	6.01	5.66	5.33	5.02	4.73
40	10.36	9.46	8.62	7.87	7.19	6.56	6.00	5.48	5.00	4.55
45	16.66	14.80	13.16	11.69	10.38	9.22	8.18	7.27	6.45	5.74
50	27.20	24.04	21.25	18.79	16.61	14.67	12.95	11.44	10.11	8.94
55	45.64	40.76	36.40	32.50	29.00	25.87	23.09	20.60	18.37	16.39
60	76.55	69.37	62.85	56.92	51.56	46.67	42.24	38.23	34.59	31.30
65	120.29	110.49	101.46	93.12	85.44	78.39	71.91	65.93	60.44	55.39
70	186.94	174.26	162.39	151.26	140.84	131.10	122.00	113.48	105.55	98.14
75	279.21	264.89	251.20	238.12	225.65	213.75	202.41	191.61	181.33	171.57
80	405.81	390.99	376.56	362.53	348.90	335.66	322.83	310.38	298.33	286.68
85	567.93	552.61	537.49	522.56	507.84	493.34	479.08	465.06	451.30	437.80
90	744.34	734.51	724.64	714.72	704.78	694.82	684.85	674.88	664.92	654.97
95	889.95	885.45	880.88	876.23	871.51	866.72	861.87	856.96	851.98	846.94

Table 2.6 Period Probabilities of Dying (per thousand), Quebec, Females, 1831-2041

Estimated

Age	1831	1841	1851	1861	1871	1881	1891	1901	1911	1921
0	168.83	168.11	167.75	167.01	166.01	151.21	142.64	134.26	110.49	100.40
1	137.89	133.10	128.43	124.34	121.64	110.09	101.63	89.28	68.04	48.35
5	38.07	36.07	34.03	32.42	31.51	30.59	29.14	25.58	21.57	16.40
10	25.24	23.67	22.06	20.83	20.17	20.37	19.75	17.34	15.48	12.23
15	36.70	34.20	31.63	29.70	28.70	29.73	29.16	25.61	23.75	19.26
20	47.69	44.32	40.88	38.29	36.97	38.67	38.10	33.47	31.48	25.77
25	51.45	47.88	44.21	41.45	40.05	41.98	41.43	36.52	34.57	28.55
30	54.50	50.88	47.15	44.34	42.91	44.84	44.27	39.23	37.17	30.92
35	57.63	54.26	50.76	48.10	46.72	48.40	47.76	42.88	40.62	34.33
40	61.23	57.88	54.38	51.71	50.34	52.34	51.87	47.06	45.27	39.15
45	66.59	63.49	60.21	57.70	56.42	58.55	58.25	53.76	52.45	46.77
50	82.91	79.53	75.93	73.17	71.75	74.21	73.95	69.01	67.75	61.48
55	110.93	107.05	102.91	99.70	98.03	100.67	100.23	94.36	92.46	84.71
60	157.05	152.83	148.30	144.73	142.84	145.02	144.08	137.17	133.65	123.67
65	225.09	220.44	215.43	211.44	209.30	211.01	209.52	201.40	196.07	183.46
70	325.02	321.26	317.24	313.94	312.06	310.93	308.20	300.13	290.90	275.74
75	443.08	440.59	437.98	435.74	434.37	431.14	427.84	421.04	410.03	394.95
80	579.61	579.08	578.64	578.13	577.64	572.21	568.69	564.64	553.07	540.66
85	742.36	741.98	741.68	741.32	740.98	737.19	734.73	731.91	723.83	715.17
90	863.50	863.29	863.12	862.92	862.73	860.62	859.24	857.66	853.15	848.31
95	..	..	..	..	..	..	..	..	..	..

Observed

Age	1931	1936	1941	1946	1951	1956	1961	1966	1971	1976	1981	1986	1991
0	89.99	75.42	59.68	48.32	42.26	33.43	26.58	22.00	16.65	11.93	8.02	6.22	5.21
1	35.57	28.99	20.94	12.27	8.00	5.95	4.57	3.80	3.11	2.73	1.70	1.61	1.15
5	13.04	11.57	8.13	5.95	4.17	2.83	2.46	2.37	2.23	2.07	1.33	1.03	0.93
10	9.83	7.74	5.43	4.51	2.87	2.18	1.72	1.69	1.59	1.45	1.20	0.93	0.82
15	15.74	11.73	9.56	8.24	4.62	2.75	2.37	2.45	2.99	2.59	2.09	1.71	1.41
20	20.43	16.89	13.81	11.68	5.41	3.34	3.01	2.85	3.26	2.65	2.22	1.87	1.91
25	24.51	21.06	17.01	12.16	7.08	4.60	3.79	3.42	3.41	3.00	2.77	2.26	2.16
30	26.90	26.03	18.16	14.68	9.07	6.03	4.66	4.84	4.49	3.98	3.06	3.09	2.78
35	29.71	28.52	21.06	17.56	12.37	8.99	7.79	6.65	6.95	5.71	4.86	4.21	4.14
40	35.14	30.76	26.71	20.72	18.17	13.66	11.38	10.92	10.36	9.24	7.96	6.87	6.57
45	41.58	39.34	33.62	29.08	25.49	20.99	18.05	16.94	15.59	15.82	12.52	11.93	10.52
50	51.27	49.57	45.86	41.86	37.28	30.67	27.84	27.76	25.32	22.02	20.54	19.19	16.37
55	72.76	75.24	68.98	61.21	58.65	52.09	46.17	42.30	39.62	35.39	32.00	29.24	25.57
60	111.11	113.24	101.19	94.27	87.81	83.88	72.42	66.47	61.39	56.41	49.58	45.72	41.99
65	160.31	149.76	157.86	145.27	134.46	126.24	112.30	104.65	94.26	87.55	77.77	72.17	63.44
70	246.45	227.34	231.76	224.23	213.98	189.63	181.26	161.85	151.06	141.64	119.99	114.91	101.98
75	365.56	346.79	357.42	333.12	321.22	318.21	283.41	268.90	249.44	217.91	193.41	187.60	168.43
80	517.48	465.38	509.20	489.52	478.53	461.17	435.28	424.38	384.69	352.95	304.88	299.37	270.12
85	685.42	585.29	671.18	650.84	637.56	620.48	608.78	599.04	558.92	517.47	455.29	..	417.52
90	..	..	..	..	..	..	..	..	..	..	..	..	620.02
95	..	..	..	..	..	..	..	..	..	..	..	..	638.93

Projected

Age	1996	2001	2006	2011	2016	2021	2026	2031	2036	2041
0	4.25	3.46	2.82	2.30	1.88	1.53	1.25	1.02	0.83	0.68
1	1.01	0.82	0.67	0.55	0.45	0.36	0.29	0.24	0.19	0.16
5	0.75	0.62	0.52	0.43	0.34	0.29	0.23	0.19	0.14	0.14
10	0.72	0.61	0.50	0.42	0.34	0.29	0.24	0.22	0.17	0.15
15	1.30	1.13	0.98	0.86	0.76	0.66	0.57	0.51	0.44	0.39
20	1.63	1.48	1.33	1.19	1.07	0.97	0.87	0.78	0.70	0.65
25	2.01	1.91	1.80	1.70	1.60	1.51	1.41	1.35	1.25	1.20
30	2.74	2.62	2.47	2.36	2.23	2.13	2.02	1.92	1.82	1.75
35	3.87	3.65	3.44	3.26	3.07	2.89	2.70	2.56	2.40	2.28
40	5.98	5.46	5.00	4.55	4.16	3.79	3.47	3.17	2.88	2.63
45	9.32	8.26	7.35	6.54	5.81	5.15	4.57	4.07	3.62	3.21
50	14.36	12.68	11.22	9.90	8.74	7.73	6.83	6.03	5.32	4.70
55	23.57	21.03	18.76	16.74	14.93	13.31	11.87	10.60	9.45	8.42
60	37.86	34.25	31.00	28.03	25.35	22.93	20.74	18.75	16.95	15.33
65	59.06	54.12	49.58	45.43	41.62	38.13	34.92	31.97	29.27	26.81
70	96.39	89.59	83.27	77.35	71.85	66.75	61.98	57.56	53.45	49.63
75	159.37	150.70	142.46	134.65	127.24	120.22	113.56	107.27	101.29	95.65
80	257.64	247.33	237.39	227.77	218.52	209.59	201.00	192.70	184.73	177.06
85	387.90	375.73	363.85	352.25	340.95	329.93	319.19	308.74	298.58	288.68
90	557.40	547.87	538.42	529.04	519.75	510.55	501.44	492.42	483.52	474.70
95	740.09	734.21	728.31	722.40	716.48	710.56	704.63	698.70	692.76	686.81

Table 2.7 Probabilities of Dying by Birth Cohort (per thousand), Quebec, Males, 1801-2041

Age	1801	1811	1821	1831	1841	1851	1861	1871	1881	1891	1901	1911
0	194.66	193.85	192.99	192.22	191.27	190.68	189.74	188.61	173.39	164.40	155.31	130.01
1	150.18	145.84	141.49	137.16	132.78	128.51	124.74	122.24	111.04	102.91	91.14	70.40
5	40.05	38.47	36.87	35.29	33.68	32.38	31.63	30.64	29.32	26.27	22.54	17.77
10	23.20	22.25	21.30	20.36	19.40	18.63	18.21	18.10	17.58	15.94	14.37	11.88
15	33.94	32.32	30.73	29.07	27.79	27.11	27.65	27.18	24.71	23.16	19.73	14.08
20	49.43	46.94	44.49	41.94	39.98	38.95	39.91	39.27	35.55	33.40	28.36	17.54
25	49.05	46.29	43.42	41.23	40.09	41.43	40.87	36.84	34.89	29.62	18.24	16.19
30	52.48	49.66	46.72	44.47	43.30	44.57	43.94	39.74	37.57	31.98	19.69	14.44
35	56.57	53.26	50.72	49.41	51.02	50.42	45.74	43.57	37.43	25.64	21.17	16.02
40	67.24	63.96	61.42	60.08	61.45	60.69	55.85	53.20	46.50	31.44	27.03	20.39
45	77.99	75.46	74.13	75.48	74.71	69.82	67.09	60.12	40.31	39.84	36.84	31.42
50	99.41	96.71	95.28	96.86	96.10	90.86	88.09	80.55	57.59	57.45	54.84	50.54
55	127.15	125.51	127.70	127.04	121.11	118.52	110.17	81.43	85.34	84.25	82.35	80.86
60	174.76	172.96	175.21	174.40	167.83	164.70	155.16	126.62	124.07	126.57	121.60	119.79
65	244.63	244.97	243.35	236.92	231.26	220.18	178.63	176.45	180.47	176.30	177.58	165.45
70	344.84	345.22	343.27	335.57	328.72	315.30	255.34	260.86	253.85	248.16	250.52	228.11
75	468.77	466.38	459.67	451.47	438.20	389.02	385.38	373.83	358.61	355.50	334.75	306.06
80	607.54	604.50	601.51	591.54	581.38	547.17	527.14	517.16	487.31	480.65	445.03	409.17
85	759.73	757.64	750.68	743.59	699.00	636.47	686.20	655.37	639.15	602.04	555.13	560.27
90	873.20	872.04	868.15	864.19	..	..	..	..	..	..	..	..

Age	1921	1931	1936	1941	1946	1951	1956	1961	1966	1971	1976	1981
0	120.24	110.46	95.48	75.86	61.04	41.33	41.33	33.81	27.06	20.79	14.49	9.80
1	50.98	36.96	29.26	19.84	12.26	6.50	6.50	5.28	4.43	3.98	3.08	2.10
5	15.09	11.50	8.77	6.73	5.05	3.81	3.81	3.48	3.12	2.45	1.57	1.15
10	8.58	6.13	4.89	3.93	3.28	2.95	2.95	2.67	2.23	1.88	1.65	1.44
15	11.16	8.24	6.96	6.26	5.84	7.40	7.40	6.82	5.70	4.90	4.18	3.60
20	13.07	8.89	8.33	8.91	9.74	8.77	8.77	7.41	6.55	5.78	5.23	4.71
25	11.14	7.75	7.58	7.73	7.87	6.85	6.85	6.47	6.17	5.83	5.49	5.17
30	10.40	8.15	8.49	8.71	7.98	7.24	7.24	6.95	6.63	6.30	6.00	5.71
35	12.40	11.46	11.26	10.46	9.27	8.31	8.31	7.83	7.37	6.96	6.56	6.18
40	18.62	17.80	15.93	13.63	11.93	9.91	9.91	9.04	8.24	7.53	6.88	6.28
45	30.26	27.42	22.91	19.78	17.60	13.98	13.98	12.42	11.03	9.80	8.70	7.73
50	49.39	39.07	33.33	28.83	25.62	20.02	20.02	17.70	15.64	13.81	12.20	10.77
55	72.01	55.84	48.03	43.20	38.58	30.75	30.75	27.43	24.48	21.84	19.49	17.38
60	101.54	80.54	72.96	66.11	59.88	49.11	49.11	44.46	40.23	36.41	32.95	..
65	139.77	115.39	105.97	97.29	89.28	75.15	75.15	68.92	63.19	57.92	..	..
70	193.29	168.32	156.83	146.05	135.97	117.74	117.74	109.52	101.85	..	..	..
75	272.05	244.66	231.89	219.70	208.08	186.47	186.47	176.45	..	..	..	..
80	383.78	355.72	342.28	329.25	316.60	292.50	292.50	..	..	..	..	..
85	530.02	500.59	486.21	472.07	458.18	..	..	..	..	..	..	..
90	..	..	..	..	..	..	..	..	..	..	..	..

Age	1986	1991	1996	2001	2006	2011	2016	2021	2026	2031	2036	2041
0	8.02	6.53	5.32	4.34	3.54	2.89	2.36	1.92	1.57	1.28	1.04	0.85
1	1.68	1.30	1.09	0.89	0.72	0.59	0.49	0.39	0.32	0.26	0.21	..
5	1.04	0.85	0.70	0.58	0.48	0.39	0.33	0.27	0.22	0.17	..	..
10	1.26	1.06	0.89	0.75	0.63	0.53	0.44	0.37	0.31	..	..	..
15	3.15	2.76	2.42	2.11	1.85	1.61	1.40	1.23	..	..	..	..
20	4.24	3.83	3.45	3.11	2.80	2.52	2.27	..	..	..	..	..
25	4.88	4.60	4.34	4.09	3.85	3.62	..	..	..	..	..	..
30	5.43	5.16	4.91	4.67	4.44	..	..	..	..	..	..	..
35	5.83	5.49	5.17	4.88	..	..	..	..	..	..	..	..
40	5.74	5.24	4.78	..	..	..	..	..	..	..	..	..
45	6.86	6.10	..	..	..	..	..	..	..	..	..	..
50	9.52	..	..	..	..	..	..	..	..	..	..	..
55	..	..	..	..	..	..	..	..	..	..	..	..
60	..	..	..	..	..	..	..	..	..	..	..	..
65	..	..	..	..	..	..	..	..	..	..	..	..
70	..	..	..	..	..	..	..	..	..	..	..	..
75	..	..	..	..	..	..	..	..	..	..	..	..
80	..	..	..	..	..	..	..	..	..	..	..	..
85	..	..	..	..	..	..	..	..	..	..	..	..
90	..	..	..	..	..	..	..	..	..	..	..	..

Table 2.8 Probabilities of Dying by Birth Cohort (per thousand), Quebec, Females, 1801-2041

Age	1801	1811	1821	1831	1841	1851	1861	1871	1881	1891	1901	1911
0	170.58	169.99	169.37	168.83	168.11	167.75	167.01	166.01	151.21	142.64	134.26	110.49
1	152.12	147.37	142.62	137.89	133.10	128.43	124.34	121.64	110.09	101.63	89.28	68.04
5	42.10	40.09	38.07	36.07	34.03	32.42	31.51	30.59	29.14	25.58	21.57	16.40
10	28.41	26.83	25.24	23.67	22.06	20.83	20.17	20.37	19.75	17.34	15.48	12.23
15	39.23	36.70	34.20	31.63	29.70	28.70	29.73	29.16	25.61	23.75	19.26	15.74
20	51.09	47.69	44.32	40.88	38.29	36.97	38.67	38.10	33.47	31.48	25.77	18.66
25	51.45	47.88	44.21	41.45	40.05	41.98	41.43	36.52	34.57	28.55	24.51	19.04
30	54.50	50.88	47.15	44.34	42.91	44.84	44.27	39.23	37.17	30.92	26.47	16.42
35	54.26	50.76	48.10	46.72	48.40	47.76	42.88	40.62	34.33	29.71	24.79	14.97
40	57.88	54.38	51.71	50.34	52.34	51.87	47.06	45.27	39.15	32.95	23.72	15.92
45	60.21	57.70	56.42	58.55	58.25	53.76	52.45	46.77	41.58	36.48	27.29	19.52
50	75.93	73.17	71.75	74.21	73.95	69.01	67.75	61.48	50.42	43.86	33.98	27.80
55	99.70	98.03	100.67	100.23	94.36	92.46	84.71	72.76	72.11	59.93	49.13	40.96
60	144.73	142.84	145.02	144.08	137.17	133.65	123.67	112.18	97.73	85.85	69.45	58.90
65	209.30	211.01	209.52	201.40	196.07	183.46	160.31	153.81	139.87	119.27	99.46	82.66
70	312.06	310.93	308.20	300.13	290.90	275.74	236.90	228.00	201.81	171.56	146.35	117.45
75	431.14	427.84	421.04	410.03	394.95	365.56	352.11	327.17	300.81	259.17	205.66	178.01
80	572.21	568.69	564.64	553.07	540.66	491.43	499.36	469.85	429.83	368.82	302.12	263.88
85	734.73	731.91	723.83	715.17	685.42	628.24	644.20	614.63	578.98	486.38	417.52	381.81
90	859.24	857.66	853.15	848.31	..	..	..	..	..	..	..	..

Age	1921	1931	1936	1941	1946	1951	1956	1961	1966	1971	1976	1981
0	100.40	89.99	75.42	59.68	48.32	42.26	33.43	26.58	22.00	16.65	11.93	8.02
1	48.35	32.28	24.97	16.61	10.14	6.98	5.26	4.19	3.46	2.92	2.22	1.66
5	13.04	9.85	7.04	5.06	3.50	2.65	2.42	2.30	2.15	1.70	1.18	0.98
10	8.79	4.97	3.69	2.53	1.95	1.71	1.64	1.52	1.33	1.06	0.87	0.77
15	10.65	6.43	3.69	2.56	2.41	2.72	2.79	2.34	1.90	1.56	1.35	1.21
20	12.75	4.38	3.18	2.93	3.06	2.96	2.44	2.05	1.89	1.77	1.55	1.40
25	9.62	4.20	3.61	3.42	3.21	2.89	2.52	2.21	2.08	1.96	1.85	1.75
30	7.55	4.75	4.67	4.24	3.52	3.07	2.93	2.76	2.68	2.54	2.41	2.29
35	8.39	6.80	6.33	5.29	4.53	4.18	4.01	3.76	3.54	3.35	3.16	2.98
40	11.15	9.80	8.60	7.41	6.72	6.27	5.72	5.23	4.78	4.36	3.98	3.63
45	16.27	14.17	12.23	11.22	9.92	8.79	7.81	6.95	6.17	5.48	4.86	4.32
50	23.67	19.86	17.78	15.36	13.52	11.95	10.56	9.32	8.23	7.28	6.43	5.67
55	33.70	27.40	24.57	22.30	19.90	17.75	15.83	14.12	12.59	11.23	10.02	8.94
60	47.65	39.92	36.05	32.63	29.52	26.69	24.14	21.83	19.74	17.85	16.14	..
65	67.81	56.59	51.85	47.50	43.52	39.88	36.52	33.44	30.62	28.04	..	..
70	99.18	86.43	80.31	74.60	69.30	64.37	59.77	55.50	51.54	..	..	..
75	155.04	138.56	130.95	123.73	116.89	110.41	104.28	98.47	..	..	..	..
80	242.36	223.15	214.06	205.30	196.85	188.72	180.89	..	..	..	..	..
85	358.05	335.44	324.56	313.97	303.66	293.63	..	..	..	..	..	..
90	..	..	..	..	..	..	..	..	..	..	..	..

Age	1986	1991	1996	2001	2006	2011	2016	2021	2026	2031	2036	2041
0	6.22	5.21	4.25	3.46	2.82	2.30	1.88	1.53	1.25	1.02	0.83	0.68
1	1.38	1.08	0.91	0.74	0.61	0.50	0.40	0.32	0.26	0.21	0.17	..
5	0.84	0.68	0.57	0.47	0.38	0.31	0.26	0.21	0.16	0.14	..	..
10	0.66	0.55	0.46	0.38	0.31	0.26	0.23	0.19	0.16	..	..	..
15	1.05	0.92	0.81	0.71	0.61	0.54	0.47	0.41	..	..	..	..
20	1.26	1.13	1.02	0.92	0.82	0.74	0.67	..	..	..	..	..
25	1.65	1.55	1.46	1.38	1.30	1.22	..	..	..	..	..	..
30	2.18	2.07	1.97	1.87	1.78	..	..	..	..	..	..	..
35	2.79	2.63	2.48	2.34	..	..	..	..	..	..	..	..
40	3.32	3.02	2.75	..	..	..	..	..	..	..	..	..
45	3.85	3.42	..	..	..	..	..	..	..	..	..	..
50	5.01	..	..	..	..	..	..	..	..	..	..	..
55	..	..	..	..	..	..	..	..	..	..	..	..
60	..	..	..	..	..	..	..	..	..	..	..	..
65	..	..	..	..	..	..	..	..	..	..	..	..
70	..	..	..	..	..	..	..	..	..	..	..	..
75	..	..	..	..	..	..	..	..	..	..	..	..
80	..	..	..	..	..	..	..	..	..	..	..	..
85	..	..	..	..	..	..	..	..	..	..	..	..
90	..	..	..	..	..	..	..	..	..	..	..	..

Part 3

HOW TO USE THE TABLES

3.1 Introduction

Before using the life tables, it is important to have a clear understanding of the meaning of the indices that they provide and how to interpret them. It should first be noted that a great number of the probabilities of dying used to construct these tables result either from estimates (period 1831-1921) or from projections (period 1996-2041). Consequently, while these tables give a good idea of mortality change in the birth cohorts of the nineteenth and early twentieth centuries, they cannot render on account for the effects of specific historical events, such as brief surges in mortality as a result of epidemics, which may have left their mark on certain cohorts. The evolution of infant and childhood mortality (from birth to age 5) has probably been affected by such events. Similarly, caution is required when analysing the evolution of mortality at advanced ages. Estimates of mortality levels at these ages are based on mathematical models that can deviate considerably from reality. What is plausible is not always true. A final point to be noted here is that while the tables are for birth cohorts spaced at 10-year intervals (1801, 1811, 1821, etc.), a good estimate can be obtained of the level of mortality of intermediate cohorts (e.g., 1806, 1816) by means of linear interpolation of the basic parameters.

3.2 The life table

The life table is a mathematical model that describes the gradual extinction of the members of a birth cohort, either real or fictitious, of 100,000 newborns. There are two types of life tables: the period life table and the birth cohort life table. Constructing a period table assumes that a fictitious birth cohort of 100,000 persons, all born the same year, is subject to age-specific mortality rates that prevail over a given period. The period table is thus based on the hypothesis that, the year following the year in which the information on mortality is collected, individuals of a given age have the same mortality as individuals one year their senior had in the year the information was collected. The birth cohort life table describes the mortality history of an actual birth cohort of individuals kept under observation from their birth until the last individual dies.

In all symbols for the parameters of a life table, the letter "x" indicates age at the beginning of an interval of duration "n". While the value of "n" is one year in what are known as complete tables, in most cases abridged life tables are used, and these proceed by 5-year age groups. Thus, abridged tables provide information for ages 0, 1, 5, 10, ..., and for the 5-year intervals that those ages delimit. According to the vocabulary of international demography, the abridged tables of this document are actually "compressed" tables, since they have been calculated using values from the complete table, with the result that they are in precise agreement with the latter regarding the number of years lived between ages and hence the life expectancies at ages "x". It is the abridged and complete life tables (see Tables 3.1 and 3.2 at the end of Part 3) for the 1901 Canadian male birth cohort that will be used to explain the meaning of the various parameters of the tables and illustrate how they are used.

3.3 Parameters of life tables

${}_nq_x$: Probability of dying (at age "x" for duration "n")

This quotient measures the probability that an individual at the exact age "x" will die before

reaching age (x + n). Thus, for a Canadian male of the 1901 birth cohort at the exact age of 50 years, the probability that he will die before age 55 is:

$$_5q_{50} = 0.04996$$

For a number of reasons, special importance is attached to infant mortality, that is, mortality between birth and the first birthday. Thus, the probability that a Canadian male of the 1901 cohort would die before reaching one year of age ($_1q_0$) was nearly 150 (or more precisely, 144.38) in 1000.

$_np_x$: Probability of survival between age x and (x + n)

This is the difference between one and the previous quotient, and it therefore represents the probability of not dying between age "x" and "x + n" ($_np_x = 1 - _nq_x$). For example, the probability of a Canadian male aged 50 surviving to age 55 is:

$$_5p_{50} = (1 - _5q_{50}) = (1 - 0.04996) = 0.95004$$

l_x: Survivors to age "x"

For an initial number (l_0) of 100,000, l_x indicates the number of persons in the birth cohort that survive to the exact age "x". The number of survivors to an age (x + n) results from the probability of surviving between "x" and "(x + n)":

$$l_{x+n} = l_x * _np_x = l_x * (1 - _nq_x)$$

The same Canadian life table for the 1901 birth cohort indicates that of 100,000 newborns, only 85,562 reached their first birthday:

$$100{,}000 * (1 - 0.14438) = 85{,}562$$

The probability of survival from one age to another may be calculated by the ratio of survivors at a higher age to those at the first. Thus, the probability of a 50-year-old male surviving to age 55 is:

$$_5p_{50} = l_{55} / l_{50} = 62{,}502 / 65{,}789 = 95\%$$

$_nd_x$: Death between ages x and x + n

The number of deaths between two exact ages is equal to the difference between the number of survivors to age "x" and age "(x + n)":

$$_nd_x = l_x - l_{x+n}$$

This number may also be obtained by multiplying the number of survivors to age "x" by the probability of dying between "x" and "(x + n)":

$$_nd_x = l_x * _nq_x$$

For the same 1901 birth cohort, 14,438 died before their first birthday ($d_{(0.1)}$ = 100,000-85,562), and 6,680 died between their first birthday and their fifth:

$$_4d_1 = l_1 - l_5 = 85{,}562 - 78{,}882$$

$_nL_x$: Total years lived by survivors of a birth cohort at age "x" between that age and age "x + n"

This parameter of the table is the number of years lived between two anniversaries by persons surviving to the beginning of an age interval. If the survival function is linear in the age interval considered, then "$_nL_x$" can be estimated by an arithmetic mean of the number of survivors at the beginning and the end of the interval:

$$_nL_x = n / 2 * (l_x + l_{x+n})$$

For example, the number of years lived between ages 50 and 55 by survivors to age 50 is calculated as follows:

$$_5L_{50} = 2.5 * (l_{50} + l_{55}) = 2.5 * (65{,}789 + 62{,}502)$$
$$= 321{,}188 \text{ years}$$

Since mortality in the early ages of life does not exhibit linearity, especially between age 0 and 1, it was necessary to take the average

numbers of years lived before the first birthday ($_1a_0$) from the model life tables (West family from Coale and Demeny, 1983). The following values (in fractions of years) for $_1a_0$ were used:

For females:

when $_1q_0 > 0{,}100$, $_1a_0 = 0{,}35$;
when $_1q_0 < 0{,}100$, $_1a_0 = 0{,}30$;

For males:

when $_1q_0 > 0{,}100$, $_1a_0 = 0{,}33$;
when $_1q_0 < 0{,}100$, $_1a_0 = 0{,}30$.

The values of "$_nL_x$" have another meaning in the context of a stationary population, that is, a closed population whose growth is nil and whose age distribution depends only on mortality; each "$_nL_x$" represents the size of the age group from "x" to "x + n" in this stationary population.

It is worth repeating here that, to facilitate comparison of the indicators from the complete and abridged life tables, the "$_nL_x$" values in the compressed tables are those from the complete tables for the relevant ages. This value "$_nL_x$" is obtained in the complete table (Table 3.2) by multiplying the sum of the survivors to age "x" and to "x + 1" by half the duration of the interval (0.5 year). For example, the number of years lived by the initial birth cohort of 100,000 newborns between their 5th and 6th birthday is equal to $0.5 * (78{,}882 + 78{,}413) = 78{,}648$ for the 1991 cohort.

T_x: Total number of years lived beyond age "x" by survivors to that age

$$T_x = \sum L_x$$

"T_x" is calculated by summing the values "$_nL_x$" from age "x" to the age at which the last survivor dies. To use the example from Table 1, with the disappearance of the last survivor, the 100,000 males who were born in 1901 had lived a total of 5,315,707 years (T_0). Those who were still living on their thirtieth birthday lived a total of 3,010,706 years (T_{30}) before the last survivor died. For those who were still living at age 50, the corresponding number was 1,620,587 (T_{50}). In a stationary population, "T_x" represents the size of the population of age "x and over".

e_x: Life expectancy at the exact age "x"

This parameter represents the average number of years that an individual of the birth cohort lived after the age "x":[3]

$$e_x = T_x / l_x$$

A Canadian male born at the beginning of the twentieth century lived an average of 53.16 years (e_0). This value is obtained by dividing the total years lived by all members of the birth cohort (5,315,707) by the initial number (100,000):

$$e_0 = T_0 / l_0$$

Life expectancies at age 30 (e_{30}) and 50 (e_{50}) are calculated in the same way, using the appropriate values. The results are respectively 41.68 and 24.63 years.

$_na_x$: Average number of years lived between age "x" and "x + n" by those who died during the interval "n"

The parameter "$_na_x$" is the measure of the average number of years lived between each of the anniversaries by those who died during the interval. It is calculated as follows:

[3] In the table for an extinguished cohort, life expectancy is not, strictly speaking, an average life probability, but rather the average number of years lived. Since the mathematical expectancy is a mean, in a period table which is a statistical construction based on hypotheses regarding behaviour, the term "life expectancy" becomes meaningful. However, it is a common and unfortunate error to attribute its value to a specific cohort. It is only by the inappropriate adoption of a questionable assumption that, in giving the value of life expectancy at birth from the life table for a year, those who are born in that year can be assigned the probability of living on average the number of years calculated.

$$ {}_{n}a_{x} = ({}_{n}L_{x} - n * l_{x+n}) / {}_{n}d_{x} $$

In the complete tables, it is assumed that deaths occurred in the middle of the interval, and it is therefore not necessary to use the index ${}_{n}a_{x}$. Since the compressed table is harmonized with the complete table, the average number of years lived by the individuals who died during the interval is no longer necessarily half of that interval. As Table 3.1 shows, the 3,287 Canadian males in the 1901 birth cohort who died between the ages of 50 and 55 lived an average of 2.64 years following their fiftieth birthday, and not 2.5 years.

Table 3.1 Example of Abridged Life Table for Males of the Canadian Birth Cohort of 1901

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
0	100,000	14,438	0.85562	0.14438	90,327	5,315,707	53.16	0.330
1	85,562	6,680	0.92193	0.07807	324,476	5,225,384	61.07	1.340
5	78,882	1,499	0.98100	0.01900	389,968	4,900,908	62.13	2.036
10	77,383	894	0.98845	0.01155	384,775	4,510,940	58.29	2.606
15	76,489	1,360	0.98222	0.01778	379,235	4,126,165	53.94	2.640
20	75,129	1,542	0.97948	0.02052	371,754	3,746,930	49.87	2.477
25	73,587	1,349	0.98167	0.01833	364,470	3,375,176	45.87	2.431
30	72,238	1,198	0.98342	0.01658	358,178	3,010,706	41.68	2.486
35	71,040	1,288	0.98187	0.01813	352,071	2,652,528	37.34	2.571
40	69,752	1,654	0.97629	0.02371	344,829	2,300,457	32.98	2.623
45	68,098	2,309	0.96609	0.03391	335,041	1,955,628	28.72	2.640
50	65,789	3,287	0.95004	0.04996	321,188	1,620,587	24.63	2.640
55	62,502	4,625	0.92600	0.07400	301,557	1,299,399	20.79	2.632
...	...	...	...	...	...	...	...	...

Note : n = 1 for x = 0; n = 4 for x = 1 and n = 5 for x > 5.

Table 3.2 Example of Complete Life Table for Males of the Canadian Birth Cohort of 1901

Age	l_x	$_nd_x$	p_x	q_x	L_x	T_x	e_x
0	100,000	14,438	0.85562	0.14438	90,327	5,315,707	53.16
1	85,562	3,380	0.96050	0.03950	83,872	5,225,380	61.07
2	82,182	1,651	0.97991	0.02009	81,357	5,141,508	62.56
3	80,531	990	0.98771	0.01229	80,036	5,060,152	62.83
4	79,541	659	0.99172	0.00828	79,212	4,980,116	62.61
5	78,882	469	0.99406	0.00594	78,648	4,900,904	62.13
6	78,413	351	0.99553	0.00447	78,238	4,822,257	61.50
7	78,062	272	0.99651	0.00349	77,926	4,744,019	60.77
8	77,790	220	0.99717	0.00283	77,680	4,666,093	59.98
9	77,570	187	0.99759	0.00241	77,477	4,588,413	59.15
10	77,383	169	0.99782	0.00218	77,299	4,510,937	58.29
11	77,214	164	0.99788	0.00212	77,132	4,433,638	57.42
12	77,050	170	0.99779	0.00221	76,965	4,356,506	56.54
13	76,880	185	0.99759	0.00241	76,788	4,279,541	55.67
14	76,695	206	0.99731	0.00269	76,592	4,202,754	54.80
15	76,489	230	0.99699	0.00301	76,374	4,126,162	53.94
...	...	...	...	...	...	...	...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Part 4

SUMMARY OF FINDINGS

4.1 Introduction

This part is devoted to an analysis of general mortality trends in Canada and Quebec according to the tables constructed for this purpose. The study was conducted using birth cohort tables rather than period tables, since the birth cohort tables lend themselves to following the transformation of the mortality timing of the different Canadian and Quebec birth cohorts since the beginning of the nineteenth century. While cross-sectional data provide a clear picture of the mortality levels of the various cohorts at a given time, they do not clearly show the change from one cohort to another. The summary analysis presented here seeks to identify general trends to describe the successive situations in detail. The tables and figures used in the analysis are grouped together at the end of this Part.

4.2 The general trend of mortality in birth cohorts from 1801 to 1941

The best indicator for tracking the general trend of mortality is life expectancy at birth (e_0), since it expresses the average mortality timing of each birth cohort. The life expectancy levels and trends for certain cohorts (1801-1941) are fairly similar for individuals in Canada and in Quebec, although they are slightly more favourable for the former. Between the 1801 and 1941 female birth cohorts, life expectancy at birth nearly doubled in Canada and Quebec, rising from 39 years to 78 years. The gains for males were smaller than for females, with life expectancy at birth in Canada and Quebec rising only from 38 years to 70 years between these same cohorts. Females thus have a higher life expectancy at birth than males. For Canada, the gap between life expectancy at birth for the two sexes remained at less than three years for the cohorts from 1801 to 1881, then rose to 5 years for the 1901 cohort and to 8 years for the 1941 cohort (9 years in Quebec) (Table 4.1). A Canadian female in the 1941 cohort could, therefore, expect to live 8 years longer than her male counterpart. Thus, males are subject to a significant excess mortality, especially in the more recent cohorts. The twentieth century cohorts have considerably improved their probability of survival compared to those of the previous century. This improvement in life expectancy is experienced at all ages, but more especially at younger ages, as shown by Figures 4.1 and 4.2.

4.3 Average length of life for Canadian and Quebec birth cohorts

While the average length of life of individuals in Quebec and Canada is of the same magnitude, for the past centuries there has been a gap between the two regions in life expectancy at birth (Table 4.1). This gap, which was almost nonexistent at the beginning of the nineteenth century, gradually increased throughout that century to reach nearly 4 years for the birth cohorts of the early twentieth century (e.g., the 1921 cohort). Since then the gap has narrowed and should continue to do so, since the two region's infant and child mortality levels have tended to draw closer together from one cohort to the next (Table 4.2), to the point that children born in 1981 have the same infant and childhood mortality whether they reside in Quebec or the rest of Canada.

For the last birth cohort observed, namely the 1941 cohort, the values for life expectancy at birth tend toward equality. The gap is less than one year for females (78.2 years in Canada

and 77.5 years in Quebec) and 2 years for males (70.7 years in Canada and 68.6 years in Quebec).

If we consider the gap in mortality levels between the two regions by examining the difference in life expectancy at birth over time in terms of the number of years by which one region leads the other, we note that, starting with the Canadian birth cohort of 1831, there was a 10-year difference in favour of Canada. This pattern is observed for both males and females, and it holds until the Canadian cohorts of 1881. Thereafter the gap steadily narrows. For example, if we assume that life expectancy at birth evolved linearly, Quebec females did not achieve the life expectancy at birth experienced by Canadian females of the 1901 cohort until the 1907 cohort. Hence, by the beginning of the twentieth century the gap between the two regions had narrowed to 6 years.

4.4 The decline in mortality at certain ages and improvement in life expectancy at birth

Gains in life expectancy for the two sexes combined are largely due to the reduction in infant mortality, which occurred mainly after 1881. From then on, infant mortality declined to the point that, by 1921, it was only half the level experienced during the first half of the nineteenth century and, by 1941, more than one-third (Table 4.2). More precisely, it was infant and childhood mortality in general that declined sharply: at the beginning of the nineteenth century, 30% of children did not reach their fifth birthday, but for those born in 1941, that proportion had fallen to less than 10% (Figures 4.3 and 4.4).

The point by which one-third of the 1901 female birth cohort had died was reached at age 50 (age 35 in Quebec) and for the male birth cohort, age 45 (age 30 in Quebec). For the 1941 cohort, that level is not reached until age 70 and age 80 respectively for males and females. As may be seen, between the 1801 and the 1941 cohorts, the curves showing the evolution in the number of survivors by age shift steadily toward the upper right corner, giving the graph a rectangular appearance, and hence the term "rectangularization of the survival curve". This graph shows that while increasing numbers survive to advanced ages, longevity (the upper limit of the life span) does not increase very much.

In order to measure the effect of the steady decline in the mortality of the birth cohorts over the past two centuries, it is also useful to track the probability of dying by age, sex and birth cohort (Figures 4.5 and 4.6). In general, the probability of dying for all ages has fallen for both females and males since the 1801 cohort. However, a generalized excess mortality among males is observed for all these cohorts. Mortality at very young ages has fallen so steeply in the most recent cohorts observed that life expectancies at birth have exceeded those at age 10 starting with the 1921 cohort for Canada and the 1931 cohort for Quebec (Figure 4.7).

When the probability of dying at different ages is viewed as a curve, it may be seen that the shape of the curve has changed little over the generations. However, for males, the effect of violent death among young adults has become increasingly prominent: between ages 15 and 30, an increased risk of death due to this form of mortality shows up as a bump on the probability curve (Figure 4.5). For females, the probability curve has changed primarily because of a sharp drop in deaths during the childbearing period (15 to 35). The probability curve for the 1941 female cohort shows no bump at the age range where there is one for males, probably because violent death is not sufficiently significant in this cohort to change the shape of the curve.

4.5 The change in number of survivors and life expectancy at age 65

The decline in mortality at young ages over the past two centuries has led to a sharp increase in the number of persons living to advanced ages. Whereas only 30% of females in the 1801 cohort lived to celebrate their 65th birthday, more than 80% of females in the 1941 cohort will do so (Figure 4.4). The proportion of males who survive to age 65 will have more than doubled between the cohorts of 1801 and 1941, rising from 30% to 75% (Figure 4.3).

Gains in life expectancy after age 65 have also been considerable over the past two centuries. For example, males in the 1941 cohort who survive to age 65 will live an average of 7 years more than those born at the beginning of the nineteenth century, while for the female cohorts the gap is 11 years (Table 4.7). The change in life expectancy at age 65 by sex has been similar for the Quebec and Canadian cohorts (Table 4.3). During the first half of the nineteenth century, life expectancy at age 65 was slightly higher for females than for males. Starting with the 1871 cohort, the gap between the two sexes began widening, reaching 5 years for the Canadian cohort of 1941. In conclusion, it is certain that more individuals reach age 65 in recent cohorts and that, on average, the number of years they live after that age has somewhat increased. Combined with the decline in fertility, this phenomenon will contribute increasingly to the aging of the Canadian population.

Table 4.1 Life Expectancy at Birth by Sex and Birth Cohort, Canada and Quebec, 1801-1941

Cohort	e_0, Females		Margin e_0 (F) Canada-Quebec	e_0, Males		Margin e_0 (M) Canada-Quebec	Margin (F-M)	
	Canada	Quebec		Canada	Quebec		Canada	Quebec
1801	39.14	39.56	-0.42	37.76	37.79	-0.03	1.38	1.77
1811	40.28	40.42	-0.14	38.61	38.47	0.14	1.67	1.95
1821	41.34	41.20	0.14	39.40	39.10	0.30	1.94	2.10
1831	42.32	41.89	0.43	40.13	39.68	0.45	2.19	2.21
1841	43.17	42.60	0.57	40.78	40.25	0.53	2.39	2.35
1851	44.17	43.34	0.83	41.71	40.87	0.84	2.46	2.47
1861	45.24	44.15	1.09	42.70	41.84	0.86	2.54	2.31
1871	47.95	45.27	2.68	45.27	42.98	2.29	2.68	2.29
1881	51.15	48.08	3.07	47.95	45.54	2.41	3.20	2.54
1891	53.65	51.10	2.55	49.35	47.65	1.70	4.30	3.45
1901	58.83	55.19	3.64	53.16	50.42	2.74	5.67	4.77
1911	64.63	61.47	3.16	57.70	55.13	2.57	6.93	6.34
1921	70.71	67.01	3.70	62.85	58.88	3.97	7.86	8.13
1931	74.37	71.75	2.62	66.28	62.71	3.57	8.09	9.04
1941	78.18	77.51	0.67	70.66	68.55	2.11	7.52	8.96

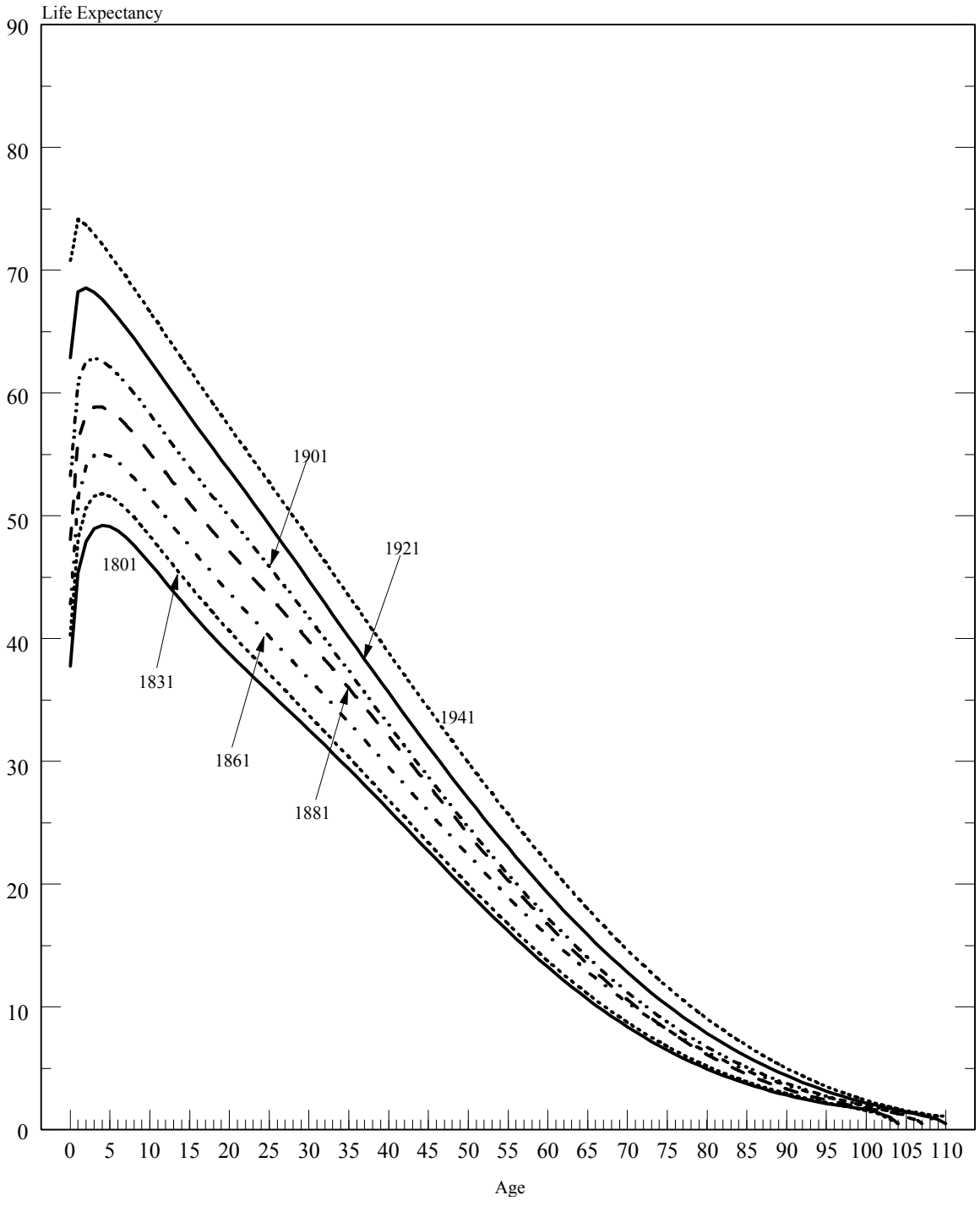
Table 4.2 Infant Mortality ($_1q_0$) and Childhood Mortality ($_4q_1$) by Sex and Birth Cohort, Canada and Quebec, 1801-1981

Cohort	Canada				Quebec			
	$_1q_0$		$_4q_1$		$_1q_0$		$_4q_1$	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1801	186.98	164.02	148.80	151.11	194.66	170.58	150.18	152.12
1811	186.56	163.46	144.18	146.00	193.85	169.99	145.84	147.37
1821	186.10	162.97	139.36	140.64	192.99	169.37	141.49	142.62
1831	185.74	162.36	134.95	135.76	192.22	169.83	137.16	137.89
1841	187.03	163.96	129.72	129.93	191.27	168.11	132.78	133.10
1851	186.45	163.58	126.12	126.00	190.68	167.75	128.51	128.43
1861	189.17	166.39	125.40	125.08	189.74	167.01	124.74	124.34
1871	175.86	153.50	114.56	113.83	188.61	166.01	122.24	121.64
1881	164.63	142.99	101.06	99.61	173.39	151.21	111.04	110.09
1891	165.10	143.56	99.42	97.82	164.40	142.64	102.91	101.63
1901	144.21	123.99	78.76	76.43	155.31	134.26	91.14	89.28
1911	121.85	103.32	58.79	56.07	130.01	110.49	70.40	68.04
1921	92.77	76.72	38.67	36.05	120.24	100.40	50.98	48.35
1931	85.29	69.08	25.56	22.36	110.46	89.99	36.96	32.28
1941	60.04	47.87	14.93	12.71	75.86	59.68	19.84	16.61
1951	42.06	33.57	7.36	6.05	52.90	42.26	8.57	6.98
1961	29.50	23.15	4.61	3.66	33.81	26.58	5.28	4.19
1971	19.56	15.17	3.47	2.77	20.79	16.65	3.98	2.92
1981	10.69	8.27	2.16	1.71	9.80	8.02	2.10	1.66

Table 4.3 Number of Survivors to Age 65 (l_{65}) per 100,000 Persons at Birth and Life Expectancy at Age 65 (e_{65}), by Sex, Canada and Quebec, Birth Cohorts 1801-1941

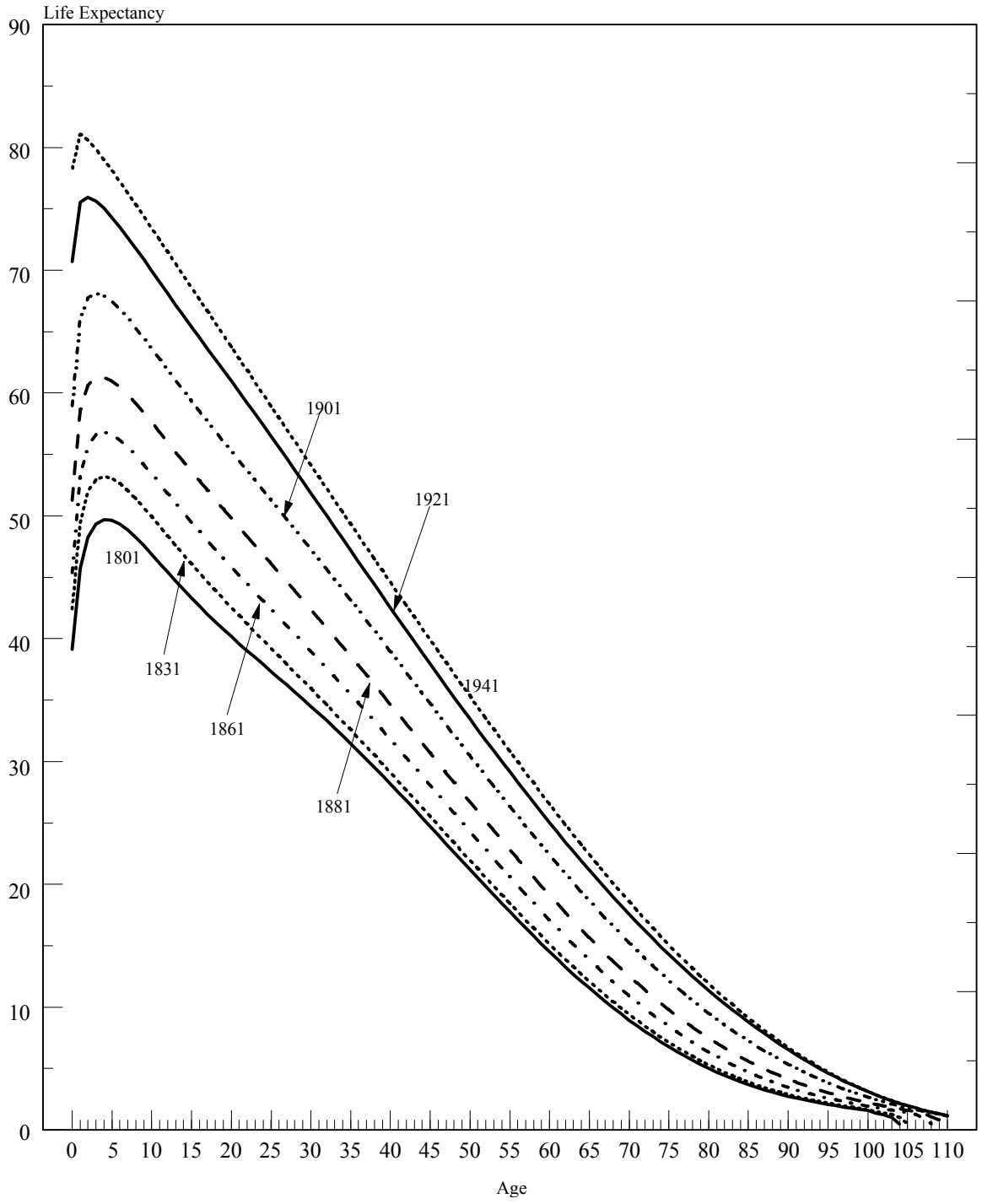
Cohort	Canada				Quebec			
	l_{65}		e_{65}		l_{65}		e_{65}	
	Males	Females	Males	Females	Males	Females	Males	Females
1801	27,448	31,092	10.64	11.54	27,831	31,951	10.65	11.55
1811	28,560	32,708	10.72	11.62	28,794	33,246	10.68	11.58
1821	29,640	34,115	10.86	11.81	29,483	34,207	10.72	11.63
1831	30,769	35,552	11.08	12.09	30,049	34,903	10.89	11.86
1841	31,959	37,017	11.38	12.48	30,902	35,858	11.10	12.14
1851	33,529	38,793	12.10	13.09	31,833	36,895	11.67	12.75
1861	35,901	40,968	12.89	13.83	33,713	38,499	12.62	13.34
1871	40,401	44,734	13.24	14.57	36,930	40,710	12.79	13.86
1881	44,909	49,331	13.48	15.65	41,078	44,632	13.01	14.71
1891	47,131	53,035	13.62	17.19	43,882	48,901	13.12	16.14
1901	51,561	59,715	14.03	18.65	47,715	54,730	13.51	17.92
1911	57,716	66,910	14.70	20.09	54,107	62,867	13.99	19.49
1921	63,984	74,131	15.86	21.16	59,139	69,754	15.09	21.04
1931	68,362	78,219	17.22	22.20	64,216	75,242	16.50	22.33
1941	74,502	83,380	18.00	22.42	71,904	82,476	17.70	23.06

Figure 4.1 Life Expectancy for Selected Birth Cohorts, Canada, Males, 1801-1941



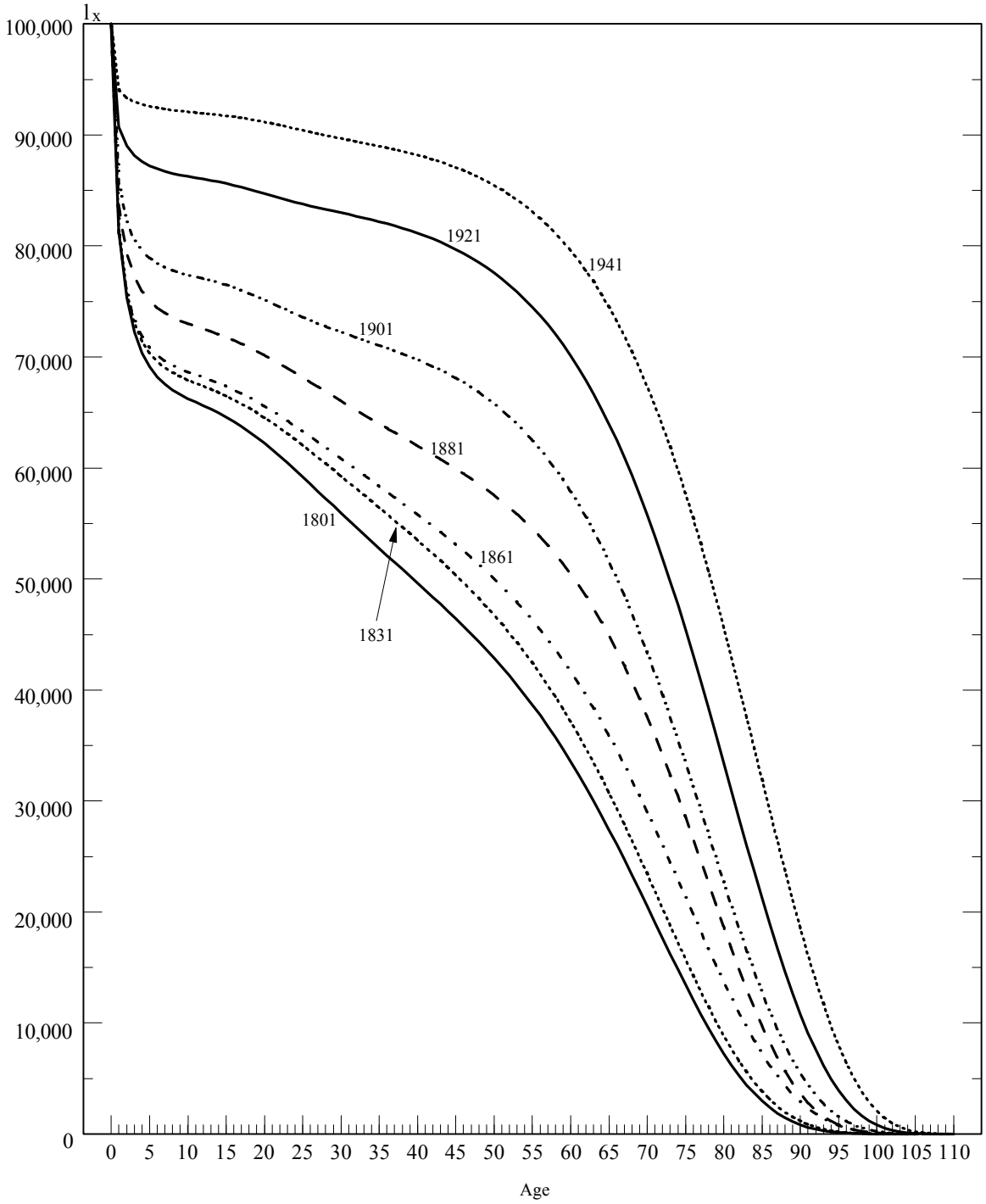
Source: Based on the complete life tables.

Figure 4.2 Life Expectancy for Selected Birth Cohorts, Canada, Females, 1801-1941



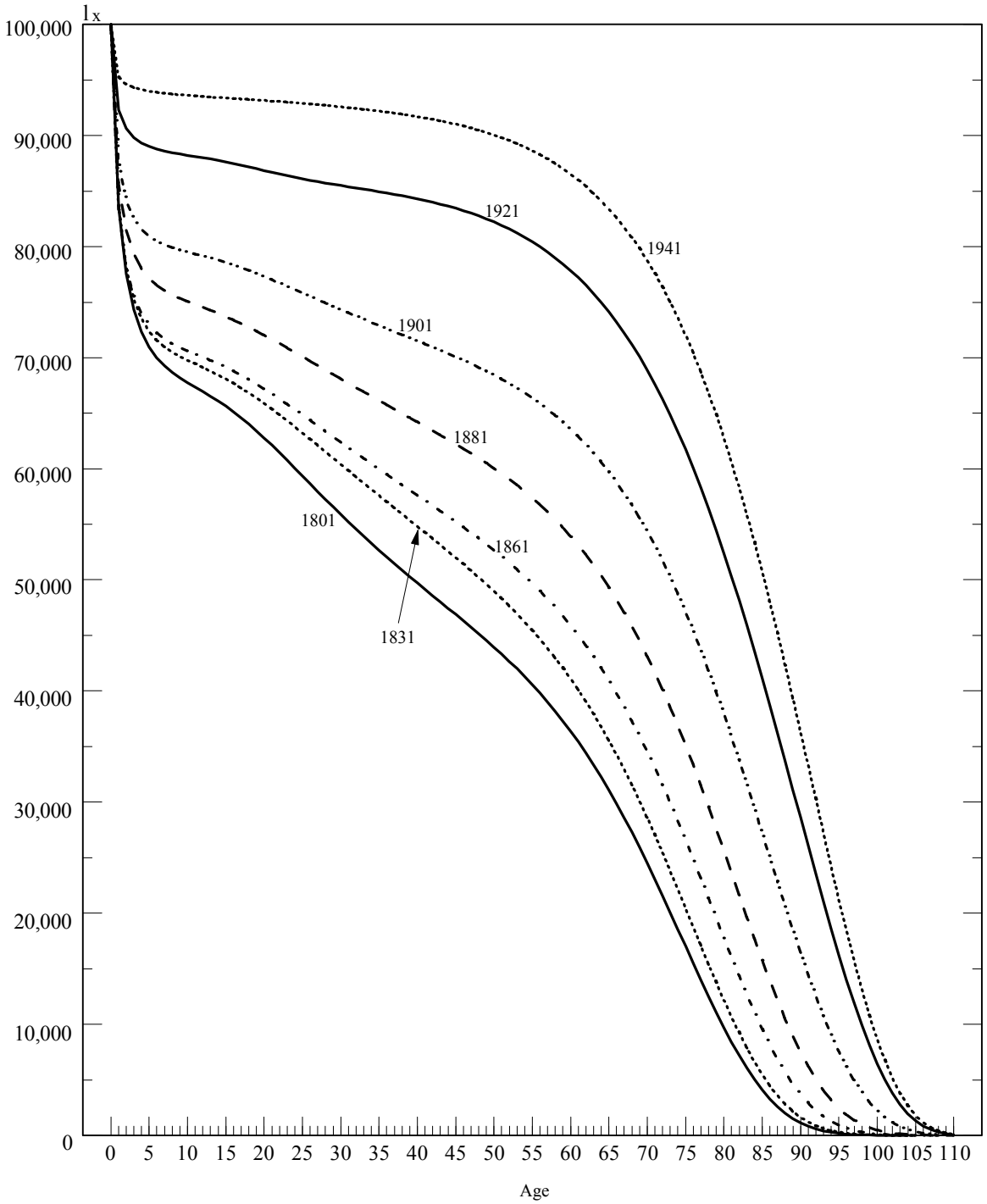
Source: Based on the complete life tables.

Figure 4.3 Number of Survivors for Selected Birth Cohorts, Canada, Males, 1801-1941



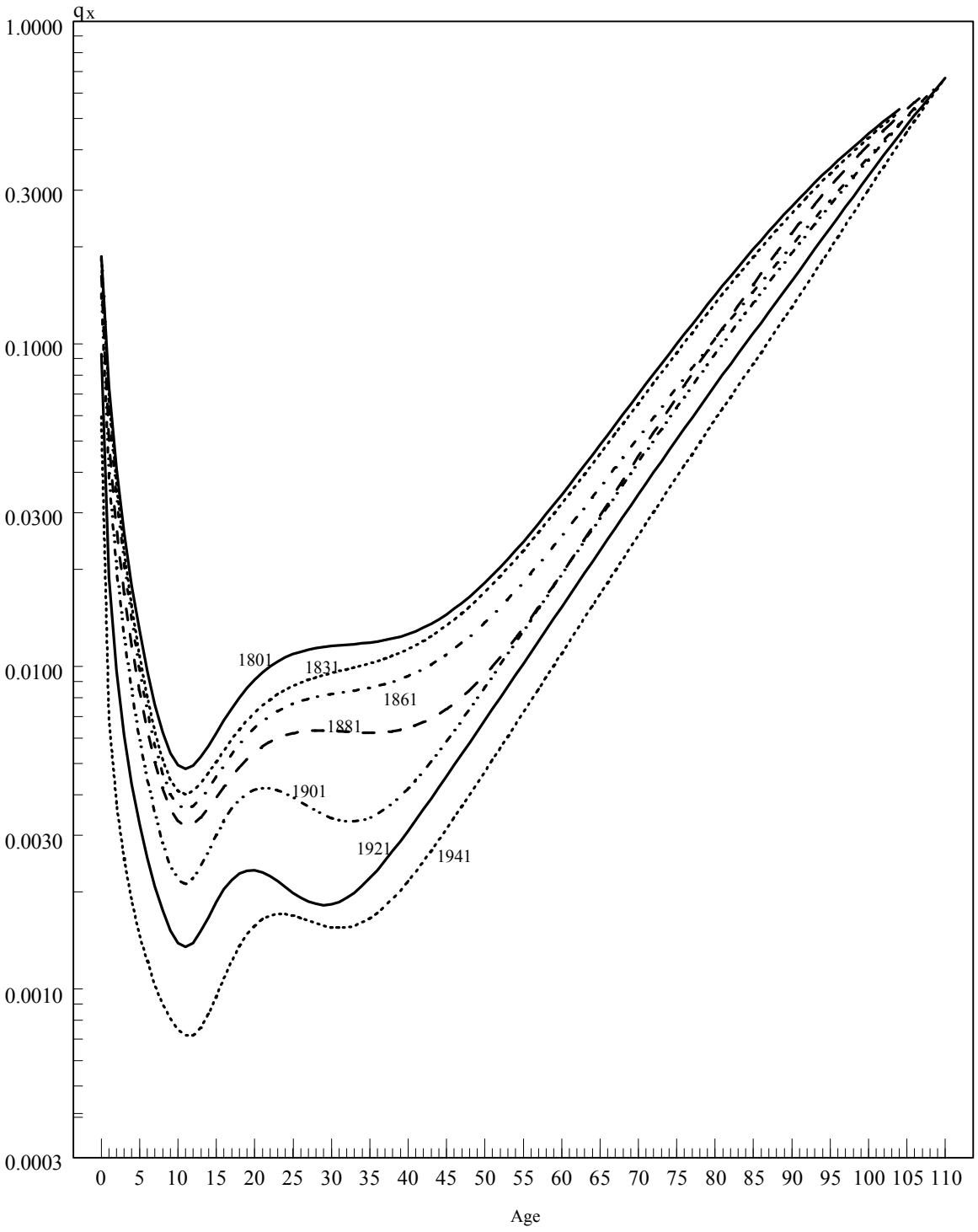
Source: Based on the complete life tables.

Figure 4.4 Number of Survivors for Selected Birth Cohorts, Canada, Females, 1801-1941



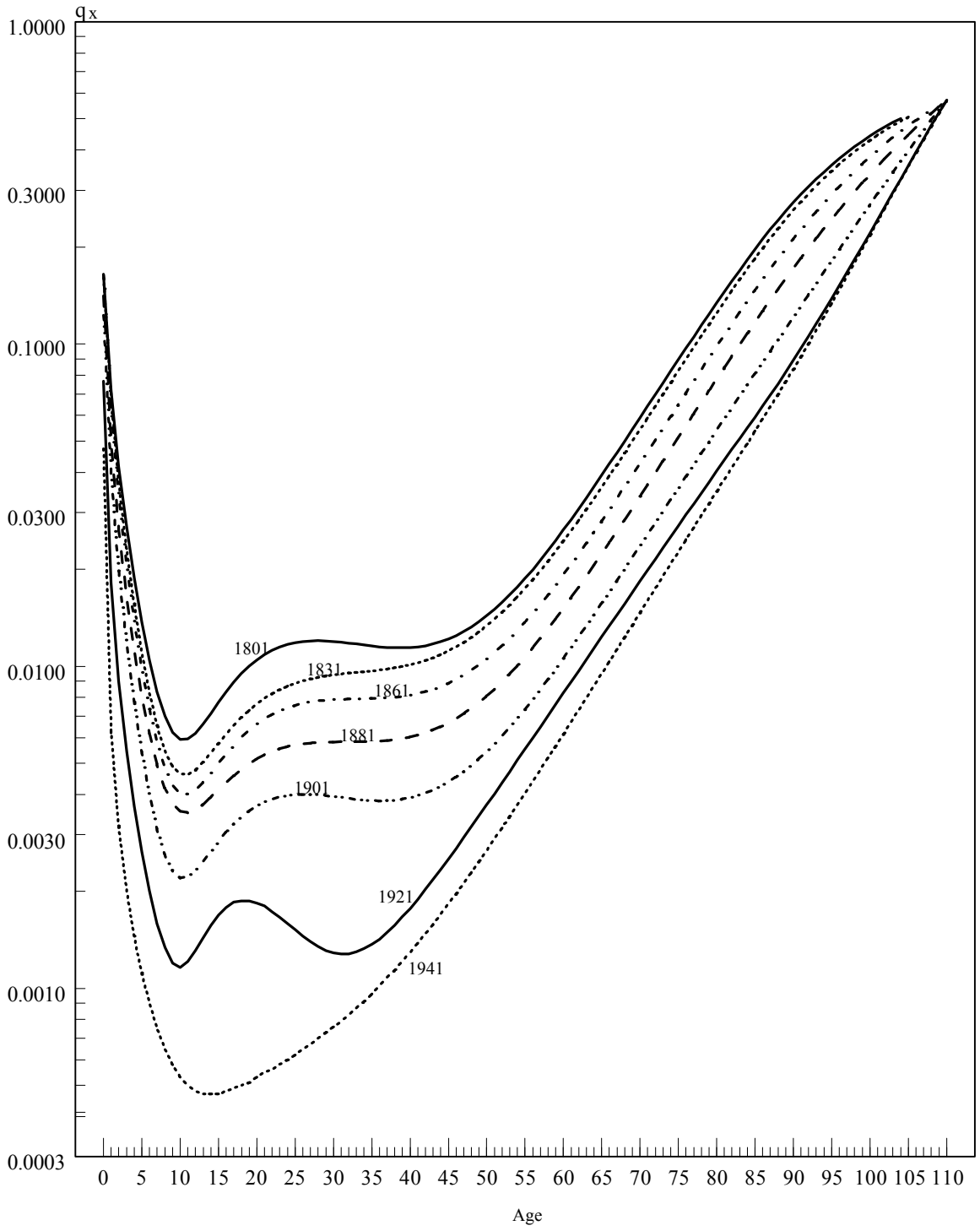
Source: Based on the complete life tables.

Figure 4.5 Probabilities of Dying for Selected Birth Cohorts, Canada, Males, 1801-1941



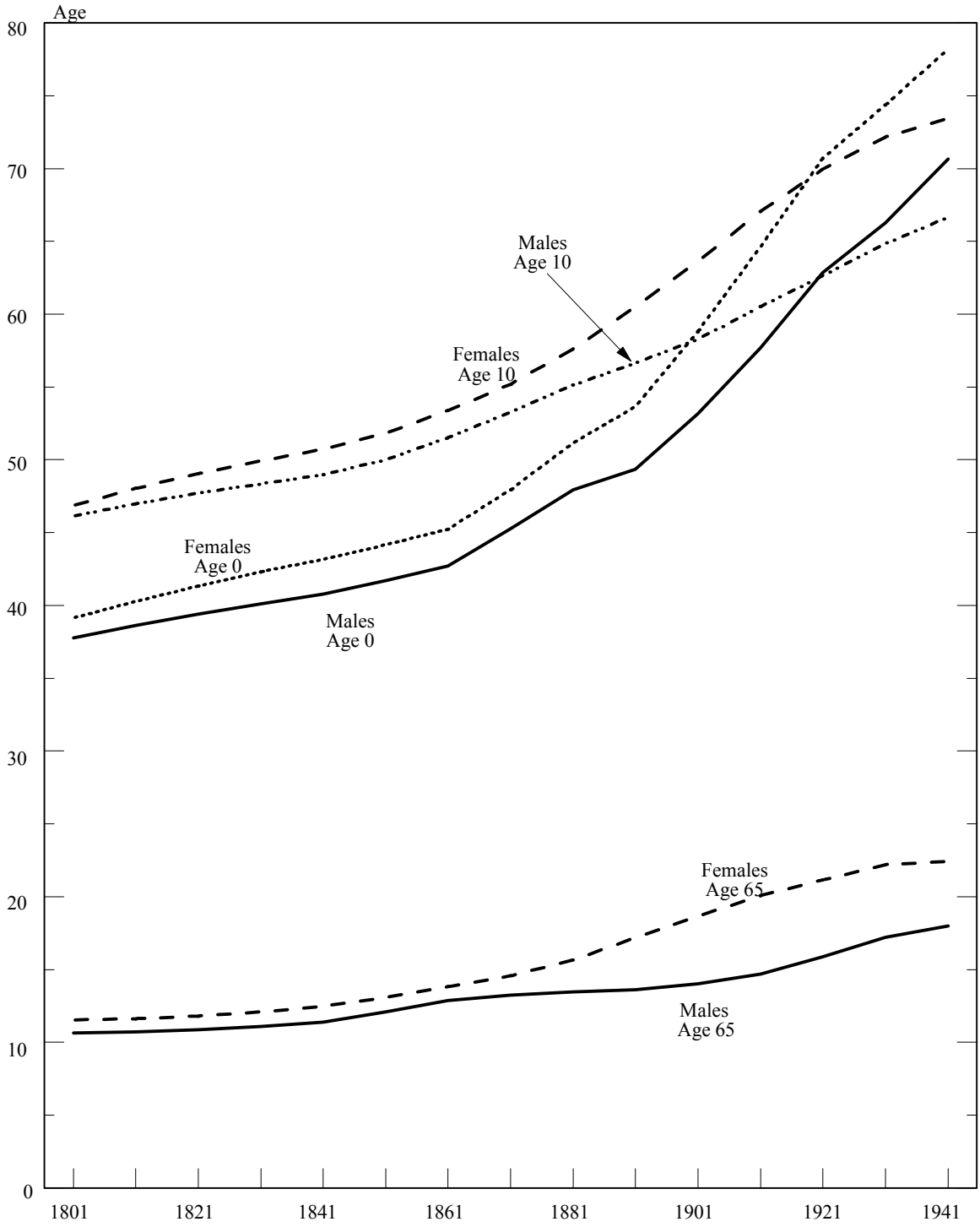
Source: Based on the complete life tables.

Figure 4.6 Probabilities of Dying for Selected Birth Cohorts, Canada, Females, 1801-1941



Source: Based on the complete life tables.

Figure 4.7 Life Expectancy at Ages 0, 10 and 65 by Sex, Canada, Cohorts 1801 to 1941



Source: Abridged Tables, Part 5.1.

Part 5

BIRTH COHORT LIFE TABLES

This part presents cohort life tables by sex for Canada and Quebec for the period 1801 to 1941 (15 cohorts). Since both complete and abridged versions have been constructed, a total of 120 tables are available, to which are added 40 truncated life tables for the cohorts from 1946 to 1991. This document includes only the abridged tables. The complete tables, which are of interest only to a limited public, may be obtained from the authors at the Département de Démographie, Université de Montréal, Quebec.

The truncated tables are based on observations made up to and including 1991. Since the cohort of 1941 is the most recent for which the number of available observations (50 years) at least equals the number of projected observations, the construction of truncated tables is restricted to subsequent cohorts. For each subsequent cohort, the table is truncated at a younger age to take into account the fact that their so far briefer life furnishes fewer observations. These tables are available only in an abridged version.

The cohort life tables are presented in the following order:

Section 5.1:

- Abridged cohort life tables for Canada, 1801-1941 (pages 36 to 50).

Section 5.2:

- Abridged cohort life tables for Quebec, 1801-1941 (pages 51 to 65).

Section 5.3:

- Truncated cohort life tables for Canada, 1946-1991 (pages 66 to 67).

Section 5.4:

- Truncated cohort life tables for Quebec, 1946-1991 (pages 68 to 69).

5.1 *Abridged Table*, Canada, Cohort 1801

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	18,657	0.81343	0.18657	87,500	3,775,739	37.76	0.330
1	81,343	12,236	0.84958	0.15042	293,176	3,688,239	45.34	1.369
5	69,107	2,844	0.95885	0.04115	337,118	3,395,063	49.13	2.040
10	66,263	1,678	0.97468	0.02532	327,230	3,057,945	46.15	2.566
15	64,585	2,353	0.96357	0.03643	317,387	2,730,715	42.28	2.646
20	62,232	3,032	0.95128	0.04872	303,760	2,413,328	38.78	2.559
25	59,200	3,254	0.94503	0.05497	287,879	2,109,568	35.63	2.504
30	55,946	3,191	0.94296	0.05704	271,709	1,821,689	32.56	2.486
35	52,755	3,114	0.94097	0.05903	255,984	1,549,980	29.38	2.498
40	49,641	3,204	0.93546	0.06454	240,281	1,293,996	26.07	2.527
45	46,437	3,557	0.92340	0.07660	223,493	1,053,715	22.69	2.556
50	42,880	4,204	0.90196	0.09804	204,206	830,222	19.36	2.575
55	38,676	5,109	0.86790	0.13210	181,010	626,016	16.19	2.579
60	33,567	6,119	0.81771	0.18229	152,932	445,006	13.26	2.564
65	27,448	6,928	0.74760	0.25240	120,150	292,074	10.64	2.533
70	20,520	7,078	0.65507	0.34493	84,775	171,924	8.38	2.482
75	13,442	6,172	0.54084	0.45916	51,190	87,149	6.48	2.404
80	7,270	4,279	0.41142	0.58858	24,773	35,959	4.95	2.294
85	2,991	2,150	0.28118	0.71882	8,815	11,186	3.74	2.144
90	841	700	0.16766	0.83234	2,071	2,372	2.82	1.951
95	141	129	0.08511	0.91489	281	301	2.13	1.709
100	12	12	0.00000	1.00000	20	20	1.67	1.667
	Females							
0	100,000	16,402	0.83598	0.16402	89,339	3,913,741	39.14	0.350
1	83,598	12,632	0.84890	0.15110	301,510	3,824,406	45.75	1.397
5	70,966	3,186	0.95511	0.04489	345,520	3,522,896	49.64	2.078
10	67,780	2,129	0.96859	0.03141	333,758	3,177,376	46.88	2.585
15	65,651	2,870	0.95628	0.04372	321,401	2,843,618	43.31	2.612
20	62,781	3,419	0.94554	0.05446	305,470	2,522,217	40.17	2.533
25	59,362	3,461	0.94170	0.05830	288,097	2,216,747	37.34	2.482
30	55,901	3,219	0.94242	0.05758	271,340	1,928,650	34.50	2.463
35	52,682	2,951	0.94398	0.05602	255,946	1,657,310	31.46	2.471
40	49,731	2,824	0.94321	0.05679	241,587	1,401,364	28.18	2.497
45	46,907	2,944	0.93724	0.06276	227,282	1,159,777	24.72	2.536
50	43,963	3,380	0.92312	0.07688	211,610	932,495	21.21	2.572
55	40,583	4,180	0.89700	0.10300	192,856	720,885	17.76	2.594
60	36,403	5,311	0.85411	0.14589	169,241	528,029	14.51	2.595
65	31,092	6,579	0.78840	0.21160	139,497	358,788	11.54	2.574
70	24,513	7,487	0.69457	0.30543	104,052	219,291	8.95	2.527
75	17,026	7,312	0.57054	0.42946	66,476	115,239	6.77	2.449
80	9,714	5,602	0.42331	0.57669	33,605	48,763	5.02	2.329
85	4,112	2,982	0.27481	0.72519	12,062	15,158	3.69	2.150
90	1,130	952	0.15752	0.84248	2,725	3,096	2.74	1.928
95	178	164	0.07865	0.92135	349	371	2.08	1.701
100	14	14	0.00000	1.00000	22	22	1.57	1.571

5.1 *Abridged Table*, Canada, Cohort 1811

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	18,609	0.81391	0.18609	87,532	3,860,656	38.61	0.330
1	81,391	11,877	0.85407	0.14593	294,207	3,773,129	46.36	1.360
5	69,514	2,697	0.96120	0.03880	339,582	3,478,922	50.05	2.038
10	66,817	1,602	0.97602	0.02398	330,186	3,139,340	46.98	2.566
15	65,215	2,224	0.96590	0.03410	320,824	2,809,154	43.08	2.639
20	62,991	2,823	0.95518	0.04482	308,053	2,488,330	39.50	2.555
25	60,168	3,014	0.94991	0.05009	293,315	2,180,277	36.24	2.503
30	57,154	2,979	0.94788	0.05212	278,298	1,886,962	33.02	2.492
35	54,175	2,968	0.94521	0.05479	263,478	1,608,664	29.69	2.508
40	51,207	3,141	0.93866	0.06134	248,301	1,345,186	26.27	2.538
45	48,066	3,578	0.92556	0.07444	231,620	1,096,885	22.82	2.566
50	44,488	4,308	0.90316	0.09684	212,017	865,265	19.45	2.581
55	40,180	5,279	0.86862	0.13138	188,126	653,248	16.26	2.580
60	34,901	6,341	0.81831	0.18169	159,061	465,122	13.33	2.564
65	28,560	7,171	0.74891	0.25109	125,104	306,061	10.72	2.532
70	21,389	7,316	0.65796	0.34204	88,518	180,957	8.46	2.481
75	14,073	6,391	0.54587	0.45413	53,785	92,439	6.57	2.406
80	7,682	4,462	0.41916	0.58084	26,358	38,654	5.03	2.299
85	3,220	2,285	0.29037	0.70963	9,598	12,296	3.82	2.154
90	935	770	0.17647	0.82353	2,340	2,699	2.89	1.968
95	165	150	0.09091	0.90909	336	359	2.17	1.740
100	15	15	0.00000	1.00000	23	23	1.50	1.500
	Females							
0	100,000	16,334	0.83666	0.16334	89,383	4,028,257	40.28	0.350
1	83,666	12,256	0.85351	0.14649	302,597	3,938,878	47.08	1.384
5	71,410	2,973	0.95837	0.04163	348,361	3,636,281	50.92	2.077
10	68,437	2,000	0.97078	0.02922	337,347	3,287,920	48.04	2.581
15	66,437	2,637	0.96031	0.03969	325,864	2,950,573	44.41	2.603
20	63,800	3,104	0.95135	0.04865	311,335	2,624,709	41.14	2.531
25	60,696	3,154	0.94804	0.05196	295,554	2,313,374	38.11	2.487
30	57,542	2,983	0.94816	0.05184	280,170	2,017,820	35.07	2.472
35	54,559	2,804	0.94861	0.05139	265,732	1,737,650	31.85	2.481
40	51,755	2,763	0.94661	0.05339	251,891	1,471,918	28.44	2.508
45	48,992	2,958	0.93962	0.06038	237,700	1,220,027	24.90	2.546
50	46,034	3,466	0.92471	0.07529	221,779	982,327	21.34	2.579
55	42,568	4,331	0.89826	0.10174	202,433	760,548	17.87	2.597
60	38,237	5,529	0.85540	0.14460	177,893	558,115	14.60	2.596
65	32,708	6,858	0.79033	0.20967	146,901	380,222	11.62	2.574
70	25,850	7,817	0.69760	0.30240	109,926	233,321	9.03	2.528
75	18,033	7,660	0.57522	0.42478	70,641	123,395	6.84	2.451
80	10,373	5,918	0.42948	0.57052	36,082	52,754	5.09	2.333
85	4,455	3,202	0.28126	0.71874	13,177	16,672	3.74	2.159
90	1,253	1,048	0.16361	0.83639	3,058	3,495	2.79	1.940
95	205	188	0.08293	0.91707	407	437	2.13	1.713
100	17	17	0.00000	1.00000	30	30	1.74	1.735

5.1 *Abridged Table,* Canada, Cohort 1821

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	18,573	0.81427	0.18573	87,556	3,940,074	39.40	0.330
1	81,427	11,461	0.85925	0.14075	295,405	3,852,522	47.31	1.356
5	69,966	2,592	0.96295	0.03705	342,159	3,557,117	50.84	2.041
10	67,374	1,520	0.97744	0.02256	333,151	3,214,958	47.72	2.553
15	65,854	2,061	0.96870	0.03130	324,397	2,881,807	43.76	2.635
20	63,793	2,621	0.95891	0.04109	312,569	2,557,410	40.09	2.560
25	61,172	2,849	0.95343	0.04657	298,773	2,244,841	36.70	2.512
30	58,323	2,883	0.95057	0.04943	284,413	1,946,068	33.37	2.502
35	55,440	2,931	0.94713	0.05287	269,916	1,661,655	29.97	2.515
40	52,509	3,144	0.94012	0.05988	254,817	1,391,739	26.50	2.542
45	49,365	3,606	0.92695	0.07305	238,052	1,136,922	23.03	2.567
50	45,759	4,351	0.90491	0.09509	218,270	898,870	19.64	2.581
55	41,408	5,340	0.87104	0.12896	194,121	680,600	16.44	2.581
60	36,068	6,428	0.82178	0.17822	164,691	486,479	13.49	2.565
65	29,640	7,304	0.75358	0.24642	130,193	321,788	10.86	2.535
70	22,336	7,510	0.66377	0.33623	92,790	191,595	8.58	2.485
75	14,826	6,630	0.55281	0.44719	56,964	98,805	6.66	2.411
80	8,196	4,703	0.42618	0.57382	28,311	41,841	5.10	2.306
85	3,493	2,456	0.29688	0.70312	10,498	13,530	3.87	2.163
90	1,037	849	0.18129	0.81871	2,618	3,032	2.92	1.976
95	188	171	0.09043	0.90957	387	414	2.20	1.763
100	17	17	0.00000	1.00000	28	28	1.62	1.618
	Females							
0	100,000	16,293	0.83707	0.16293	89,410	4,134,232	41.34	0.350
1	83,707	11,785	0.85921	0.14079	303,912	4,044,828	48.32	1.377
5	71,922	2,825	0.96072	0.03928	351,356	3,740,916	52.01	2.078
10	69,097	1,852	0.97320	0.02680	340,969	3,389,560	49.06	2.562
15	67,245	2,367	0.96480	0.03520	330,541	3,048,591	45.34	2.598
20	64,878	2,803	0.95680	0.04320	317,493	2,718,050	41.89	2.539
25	62,075	2,928	0.95283	0.04717	303,054	2,400,557	38.67	2.500
30	59,147	2,865	0.95156	0.04844	288,533	2,097,503	35.46	2.486
35	56,282	2,779	0.95062	0.04938	274,440	1,808,970	32.14	2.492
40	53,503	2,800	0.94767	0.05233	260,557	1,534,530	28.68	2.515
45	50,703	3,026	0.94032	0.05968	246,092	1,273,973	25.13	2.547
50	47,677	3,543	0.92569	0.07431	229,800	1,027,881	21.56	2.577
55	44,134	4,407	0.90015	0.09985	210,071	798,081	18.08	2.595
60	39,727	5,612	0.85874	0.14126	185,140	588,010	14.80	2.595
65	34,115	6,974	0.79557	0.20443	153,668	402,870	11.81	2.576
70	27,141	8,011	0.70484	0.29516	115,937	249,202	9.18	2.532
75	19,130	7,964	0.58369	0.41631	75,404	133,265	6.97	2.458
80	11,166	6,275	0.43803	0.56197	39,155	57,861	5.18	2.343
85	4,891	3,467	0.29115	0.70885	14,654	18,706	3.82	2.173
90	1,424	1,181	0.17065	0.82935	3,526	4,052	2.85	1.956
95	243	221	0.09053	0.90947	490	527	2.17	1.717
100	22	22	0.00000	1.00000	37	37	1.68	1.682

5.1 *Abridged Table*, Canada, Cohort 1831

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	18,526	0.81474	0.18526	87,588	4,012,908	40.13	0.330
1	81,474	11,137	0.86331	0.13669	296,303	3,925,323	48.18	1.343
5	70,337	2,410	0.96574	0.03426	344,538	3,629,020	51.59	2.034
10	67,927	1,434	0.97889	0.02111	336,138	3,284,482	48.35	2.561
15	66,493	1,952	0.97064	0.02936	327,850	2,948,344	44.34	2.636
20	64,541	2,501	0.96125	0.03875	316,616	2,620,494	40.60	2.565
25	62,040	2,766	0.95542	0.04458	303,341	2,303,878	37.14	2.520
30	59,274	2,851	0.95190	0.04810	289,265	2,000,537	33.75	2.508
35	56,423	2,932	0.94804	0.05196	274,837	1,711,272	30.33	2.518
40	53,491	3,148	0.94115	0.05885	259,712	1,436,435	26.85	2.540
45	50,343	3,593	0.92863	0.07137	242,964	1,176,723	23.37	2.564
50	46,750	4,310	0.90781	0.09219	223,315	933,759	19.97	2.579
55	42,440	5,283	0.87552	0.12448	199,423	710,444	16.74	2.581
60	37,157	6,388	0.82808	0.17192	170,253	511,021	13.75	2.569
65	30,769	7,336	0.76158	0.23842	135,798	340,768	11.08	2.540
70	23,433	7,663	0.67298	0.32702	97,946	204,970	8.75	2.492
75	15,770	6,904	0.56221	0.43779	61,039	107,024	6.79	2.420
80	8,866	5,014	0.43447	0.56553	30,874	45,985	5.19	2.316
85	3,852	2,685	0.30296	0.69704	11,669	15,111	3.92	2.173
90	1,167	951	0.18509	0.81491	2,968	3,443	2.95	1.985
95	216	196	0.09259	0.90741	444	475	2.20	1.755
100	20	20	0.00000	1.00000	31	31	1.55	1.550
	Females							
0	100,000	16,222	0.83778	0.16222	89,456	4,231,770	42.32	0.350
1	83,778	11,416	0.86374	0.13626	304,978	4,142,320	49.44	1.360
5	72,362	2,583	0.96430	0.03570	354,228	3,837,342	53.03	2.064
10	69,779	1,689	0.97580	0.02420	344,789	3,483,114	49.92	2.569
15	68,090	2,198	0.96772	0.03228	335,189	3,138,325	46.09	2.606
20	65,892	2,652	0.95975	0.04025	322,955	2,803,136	42.54	2.547
25	63,240	2,829	0.95527	0.04473	309,151	2,480,181	39.22	2.508
30	60,411	2,819	0.95334	0.04666	294,986	2,171,030	35.94	2.492
35	57,592	2,772	0.95187	0.04813	281,020	1,876,044	32.57	2.496
40	54,820	2,807	0.94880	0.05120	267,128	1,595,024	29.10	2.516
45	52,013	3,027	0.94180	0.05820	252,635	1,327,896	25.53	2.545
50	48,986	3,520	0.92814	0.07186	236,392	1,075,261	21.95	2.574
55	45,466	4,359	0.90413	0.09587	216,843	838,869	18.45	2.594
60	41,107	5,555	0.86486	0.13514	192,188	622,026	15.13	2.597
65	35,552	6,963	0.80415	0.19585	160,914	429,838	12.09	2.581
70	28,589	8,128	0.71569	0.28431	122,951	268,924	9.41	2.540
75	20,461	8,267	0.59596	0.40404	81,379	145,973	7.13	2.469
80	12,194	6,711	0.44965	0.55035	43,223	64,594	5.30	2.355
85	5,483	3,837	0.30020	0.69980	16,621	21,371	3.90	2.187
90	1,646	1,357	0.17558	0.82442	4,120	4,750	2.89	1.971
95	289	263	0.08997	0.91003	588	631	2.18	1.740
100	26	26	0.00000	1.00000	43	43	1.65	1.654

5.1 *Abridged Table,* Canada, Cohort 1841

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	18,671	0.81329	0.18671	87,490	4,078,273	40.78	0.330
1	81,329	10,647	0.86909	0.13091	297,049	3,990,787	49.07	1.345
5	70,682	2,345	0.96682	0.03318	346,455	3,693,738	52.26	2.034
10	68,337	1,369	0.97997	0.02003	338,342	3,347,283	48.98	2.558
15	66,968	1,897	0.97167	0.02833	330,379	3,008,941	44.93	2.648
20	65,071	2,483	0.96184	0.03816	319,320	2,678,562	41.16	2.569
25	62,588	2,751	0.95605	0.04395	306,115	2,359,242	37.69	2.519
30	59,837	2,811	0.95302	0.04698	292,166	2,053,127	34.31	2.503
35	57,026	2,859	0.94986	0.05014	278,023	1,760,961	30.88	2.514
40	54,167	3,050	0.94369	0.05631	263,330	1,482,938	27.38	2.539
45	51,117	3,478	0.93196	0.06804	247,115	1,219,608	23.86	2.565
50	47,639	4,192	0.91200	0.08800	228,058	972,493	20.41	2.582
55	43,447	5,174	0.88091	0.11909	204,740	744,435	17.13	2.585
60	38,273	6,314	0.83503	0.16497	176,040	539,695	14.10	2.573
65	31,959	7,329	0.77067	0.22933	141,801	363,655	11.38	2.545
70	24,630	7,766	0.68469	0.31531	103,728	221,854	9.01	2.499
75	16,864	7,142	0.57649	0.42351	65,964	118,126	7.00	2.430
80	9,722	5,340	0.45073	0.54927	34,353	52,162	5.37	2.330
85	4,382	2,984	0.31903	0.68097	13,535	17,809	4.06	2.193
90	1,398	1,121	0.19814	0.80186	3,642	4,274	3.06	2.013
95	277	249	0.10108	0.89892	585	633	2.28	1.785
100	28	28	0.00000	1.00000	48	48	1.71	1.714
	Females							
0	100,000	16,398	0.83602	0.16398	89,341	4,316,607	43.17	0.350
1	83,602	10,854	0.87017	0.12983	305,784	4,227,270	50.56	1.363
5	72,748	2,492	0.96574	0.03426	356,406	3,921,486	53.91	2.057
10	70,256	1,575	0.97758	0.02242	347,446	3,565,080	50.74	2.565
15	68,681	2,100	0.96942	0.03058	338,406	3,217,634	46.85	2.620
20	66,581	2,603	0.96090	0.03910	326,538	2,879,228	43.24	2.554
25	63,978	2,801	0.95622	0.04378	312,914	2,552,690	39.90	2.509
30	61,177	2,784	0.95449	0.04551	298,897	2,239,776	36.61	2.490
35	58,393	2,712	0.95356	0.04644	285,165	1,940,879	33.24	2.493
40	55,681	2,721	0.95113	0.04887	271,636	1,655,714	29.74	2.512
45	52,960	2,916	0.94494	0.05506	257,638	1,384,078	26.13	2.544
50	50,044	3,390	0.93226	0.06774	242,000	1,126,440	22.51	2.575
55	46,654	4,217	0.90961	0.09039	223,136	884,440	18.96	2.597
60	42,437	5,420	0.87228	0.12772	199,185	661,304	15.58	2.601
65	37,017	6,875	0.81427	0.18573	168,489	462,119	12.48	2.586
70	30,142	8,157	0.72938	0.27062	130,710	293,630	9.74	2.548
75	21,985	8,494	0.61365	0.38635	88,524	162,920	7.41	2.480
80	13,491	7,145	0.47039	0.52961	48,686	74,396	5.51	2.373
85	6,346	4,328	0.31800	0.68200	19,656	25,710	4.05	2.210
90	2,018	1,636	0.18930	0.81070	5,183	6,054	3.00	2.001
95	382	343	0.10209	0.89791	802	871	2.28	1.768
100	39	39	0.00000	1.00000	70	70	1.78	1.782

5.1 *Abridged Table*, Canada, Cohort 1851

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	18,600	0.81400	0.18600	87,538	4,170,953	41.71	0.330
1	81,400	10,400	0.87224	0.12776	297,938	4,083,418	50.16	1.340
5	71,000	2,268	0.96806	0.03194	348,276	3,785,480	53.32	2.035
10	68,732	1,342	0.98047	0.01953	340,398	3,437,204	50.01	2.569
15	67,390	1,896	0.97187	0.02813	332,489	3,096,806	45.95	2.647
20	65,494	2,444	0.96268	0.03732	321,507	2,764,317	42.21	2.560
25	63,050	2,639	0.95814	0.04186	308,676	2,442,810	38.74	2.509
30	60,411	2,642	0.95627	0.04373	295,444	2,134,134	35.33	2.498
35	57,769	2,676	0.95368	0.04632	282,198	1,838,690	31.83	2.516
40	55,093	2,887	0.94760	0.05240	268,381	1,556,492	28.25	2.546
45	52,206	3,348	0.93587	0.06413	252,899	1,288,111	24.67	2.571
50	48,858	4,085	0.91639	0.08361	234,428	1,035,212	21.19	2.586
55	44,773	5,066	0.88685	0.11315	211,633	800,784	17.89	2.585
60	39,707	6,178	0.84441	0.15559	183,536	589,151	14.84	2.572
65	33,529	7,174	0.78604	0.21396	150,041	405,615	12.10	2.546
70	26,355	7,671	0.70894	0.29106	112,640	255,574	9.70	2.505
75	18,684	7,248	0.61207	0.38793	74,908	142,934	7.65	2.446
80	11,436	5,741	0.49799	0.50201	42,037	68,026	5.95	2.362
85	5,695	3,569	0.37331	0.62669	18,659	25,989	4.56	2.250
90	2,126	1,601	0.24694	0.75306	5,985	7,330	3.45	2.098
95	525	454	0.13524	0.86476	1,213	1,346	2.56	1.890
100	71	71	0.00000	1.00000	133	133	1.87	1.866
	Females							
0	100,000	16,333	0.83667	0.16333	89,384	4,416,813	44.17	0.350
1	83,667	10,619	0.87308	0.12692	306,568	4,327,433	51.72	1.354
5	73,048	2,370	0.96756	0.03244	358,263	4,020,865	55.04	2.056
10	70,678	1,543	0.97817	0.02183	349,658	3,662,602	51.82	2.581
15	69,135	2,082	0.96989	0.03011	340,713	3,312,944	47.92	2.617
20	67,053	2,546	0.96203	0.03797	329,020	2,972,231	44.33	2.547
25	64,507	2,690	0.95830	0.04170	315,814	2,643,211	40.98	2.501
30	61,817	2,635	0.95737	0.04263	302,458	2,327,397	37.65	2.485
35	59,182	2,548	0.95695	0.04305	289,515	2,024,939	34.22	2.490
40	56,634	2,552	0.95494	0.04506	276,825	1,735,424	30.64	2.514
45	54,082	2,753	0.94910	0.05090	263,657	1,458,599	26.97	2.547
50	51,329	3,229	0.93709	0.06291	248,830	1,194,942	23.28	2.580
55	48,100	4,055	0.91570	0.08430	230,768	946,112	19.67	2.600
60	44,045	5,252	0.88076	0.11924	207,644	715,344	16.24	2.605
65	38,793	6,718	0.82682	0.17318	177,776	507,700	13.09	2.590
70	32,075	8,081	0.74806	0.25194	140,619	329,924	10.29	2.555
75	23,994	8,634	0.64016	0.35984	98,334	189,305	7.89	2.494
80	15,360	7,610	0.50456	0.49544	56,999	90,971	5.92	2.398
85	7,750	4,996	0.35535	0.64465	25,021	33,972	4.38	2.252
90	2,754	2,145	0.22113	0.77887	7,462	8,951	3.25	2.059
95	609	535	0.12151	0.87849	1,352	1,490	2.45	1.835
100	74	74	0.00000	1.00000	138	138	1.86	1.865

5.1 *Abridged Table*, Canada, Cohort 1861

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	18,887	0.81113	0.18887	87,346	4,269,967	42.70	0.330
1	81,113	10,261	0.87350	0.12650	297,101	4,182,628	51.57	1.334
5	70,852	2,198	0.96898	0.03102	347,741	3,885,527	54.84	2.034
10	68,654	1,301	0.98105	0.01895	340,096	3,537,786	51.53	2.560
15	67,353	1,780	0.97357	0.02643	332,556	3,197,690	47.48	2.635
20	65,573	2,265	0.96546	0.03454	322,341	2,865,134	43.69	2.561
25	63,308	2,468	0.96102	0.03898	310,402	2,542,793	40.17	2.513
30	60,840	2,499	0.95893	0.04107	297,955	2,232,391	36.69	2.501
35	58,341	2,535	0.95655	0.04345	285,403	1,934,436	33.16	2.514
40	55,806	2,703	0.95156	0.04844	272,380	1,649,033	29.55	2.540
45	53,103	3,085	0.94191	0.05809	258,007	1,376,653	25.92	2.566
50	50,018	3,727	0.92549	0.07451	241,086	1,118,646	22.36	2.584
55	46,291	4,639	0.89979	0.10021	220,270	877,560	18.96	2.589
60	41,652	5,751	0.86193	0.13807	194,351	657,290	15.78	2.581
65	35,901	6,881	0.80833	0.19167	162,716	462,939	12.89	2.560
70	29,020	7,668	0.73577	0.26423	126,116	300,223	10.35	2.524
75	21,352	7,640	0.64219	0.35781	87,430	174,107	8.15	2.470
80	13,712	6,463	0.52866	0.47134	51,700	86,677	6.32	2.391
85	7,249	4,341	0.40116	0.59884	24,454	34,977	4.83	2.284
90	2,908	2,128	0.26823	0.73177	8,442	10,523	3.62	2.134
95	780	664	0.14872	0.85128	1,858	2,081	2.67	1.925
100	116	116	0.00000	1.00000	223	223	1.92	1.922
	Females							
0	100,000	16,639	0.83361	0.16639	89,185	4,523,681	45.24	0.350
1	83,361	10,426	0.87493	0.12507	305,801	4,434,501	53.20	1.349
5	72,935	2,310	0.96833	0.03167	357,880	4,128,700	56.61	2.058
10	70,625	1,484	0.97899	0.02101	349,515	3,770,820	53.39	2.567
15	69,141	1,939	0.97196	0.02804	341,067	3,421,305	49.48	2.608
20	67,202	2,339	0.96519	0.03481	330,265	3,080,238	45.84	2.544
25	64,863	2,469	0.96194	0.03806	318,150	2,749,973	42.40	2.503
30	62,394	2,429	0.96107	0.03893	305,866	2,431,823	38.98	2.487
35	59,965	2,357	0.96069	0.03931	293,913	2,125,957	35.45	2.492
40	57,608	2,370	0.95886	0.04114	282,150	1,832,044	31.80	2.515
45	55,238	2,556	0.95373	0.04627	269,922	1,549,894	28.06	2.548
50	52,682	3,000	0.94305	0.05695	256,148	1,279,972	24.30	2.579
55	49,682	3,777	0.92398	0.07602	239,353	1,023,824	20.61	2.602
60	45,905	4,937	0.89245	0.10755	217,723	784,471	17.09	2.609
65	40,968	6,419	0.84332	0.15668	189,426	566,748	13.83	2.599
70	34,549	7,931	0.77044	0.22956	153,457	377,322	10.92	2.568
75	26,618	8,818	0.66872	0.33128	111,164	223,865	8.41	2.513
80	17,800	8,230	0.53764	0.46236	67,812	112,701	6.33	2.426
85	9,570	5,850	0.38871	0.61129	31,994	44,889	4.69	2.290
90	3,720	2,796	0.24839	0.75161	10,510	12,895	3.47	2.107
95	924	797	0.13745	0.86255	2,139	2,385	2.58	1.886
100	127	127	0.00000	1.00000	247	247	1.94	1.941

5.1 *Abridged Table*, Canada, Cohort 1871

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	17,533	0.82467	0.17533	88,253	4,526,570	45.27	0.330
1	82,467	9,599	0.88360	0.11640	304,204	4,438,321	53.82	1.326
5	72,868	2,004	0.97250	0.02750	358,414	4,134,117	56.73	2.043
10	70,864	1,269	0.98209	0.01791	351,246	3,775,703	53.28	2.577
15	69,595	1,716	0.97534	0.02466	343,894	3,424,457	49.21	2.622
20	67,879	2,137	0.96852	0.03148	334,172	3,080,563	45.38	2.556
25	65,742	2,324	0.96465	0.03535	322,933	2,746,391	41.78	2.514
30	63,418	2,354	0.96288	0.03712	311,203	2,423,458	38.21	2.499
35	61,064	2,365	0.96127	0.03873	299,423	2,112,255	34.59	2.506
40	58,699	2,472	0.95789	0.04211	287,390	1,812,832	30.88	2.530
45	56,227	2,768	0.95077	0.04923	274,382	1,525,442	27.13	2.560
50	53,459	3,335	0.93762	0.06238	259,247	1,251,060	23.40	2.587
55	50,124	4,236	0.91549	0.08451	240,460	991,813	19.79	2.602
60	45,888	5,487	0.88043	0.11957	216,286	751,353	16.37	2.603
65	40,401	6,966	0.82758	0.17242	185,193	535,067	13.24	2.587
70	33,435	8,308	0.75152	0.24848	146,837	349,874	10.46	2.552
75	25,127	8,834	0.64843	0.35157	103,496	203,037	8.08	2.494
80	16,293	7,835	0.51912	0.48088	61,125	99,541	6.11	2.404
85	8,458	5,294	0.37408	0.62592	27,844	38,416	4.54	2.271
90	3,164	2,424	0.23388	0.76612	8,763	10,572	3.34	2.089
95	740	651	0.12027	0.87973	1,651	1,809	2.44	1.852
100	89	89	0.00000	1.00000	159	159	1.78	1.781
	Females							
0	100,000	15,331	0.84669	0.15331	90,035	4,794,767	47.95	0.350
1	84,669	9,695	0.88550	0.11450	312,884	4,704,738	55.57	1.340
5	74,974	2,079	0.97227	0.02773	368,753	4,391,854	58.58	2.057
10	72,895	1,400	0.98079	0.01921	361,099	4,023,101	55.19	2.589
15	71,495	1,864	0.97393	0.02607	353,010	3,662,002	51.22	2.605
20	69,631	2,210	0.96826	0.03174	342,710	3,308,992	47.52	2.536
25	67,421	2,288	0.96606	0.03394	331,377	2,966,282	44.00	2.497
30	65,133	2,219	0.96593	0.03407	320,080	2,634,905	40.45	2.483
35	62,914	2,145	0.96591	0.03409	309,193	2,314,825	36.79	2.493
40	60,769	2,176	0.96419	0.03581	298,448	2,005,632	33.00	2.520
45	58,593	2,393	0.95916	0.04084	287,118	1,707,184	29.14	2.556
50	56,200	2,875	0.94884	0.05116	274,068	1,420,066	25.27	2.589
55	53,325	3,692	0.93076	0.06924	257,797	1,145,998	21.49	2.609
60	49,633	4,899	0.90130	0.09870	236,478	888,201	17.90	2.614
65	44,734	6,449	0.85584	0.14416	208,214	651,723	14.57	2.603
70	38,285	8,085	0.78882	0.21118	171,822	443,509	11.58	2.575
75	30,200	9,207	0.69513	0.30487	128,222	271,687	9.00	2.526
80	20,993	8,963	0.57305	0.42695	82,091	143,465	6.83	2.448
85	12,030	6,857	0.43001	0.56999	41,830	61,374	5.10	2.328
90	5,173	3,690	0.28668	0.71332	15,397	19,545	3.78	2.163
95	1,483	1,239	0.16453	0.83547	3,641	4,148	2.80	1.954
100	244	244	0.00000	1.00000	507	507	2.08	2.078

5.1 *Abridged Table,* Canada, Cohort 1881

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	16,450	0.83550	0.16450	88,979	4,795,396	47.95	0.330
1	83,550	8,490	0.89838	0.10162	311,824	4,706,423	56.33	1.364
5	75,060	2,050	0.97269	0.02731	369,277	4,394,599	58.55	2.062
10	73,010	1,221	0.98328	0.01672	362,051	4,025,322	55.13	2.543
15	71,789	1,619	0.97745	0.02255	355,104	3,663,271	51.03	2.627
20	70,170	2,013	0.97131	0.02869	345,918	3,308,167	47.14	2.550
25	68,157	2,117	0.96894	0.03106	335,487	2,962,249	43.46	2.497
30	66,040	2,048	0.96899	0.03101	325,043	2,626,762	39.78	2.482
35	63,992	1,986	0.96896	0.03104	314,992	2,301,719	35.97	2.498
40	62,006	2,065	0.96670	0.03330	304,942	1,986,727	32.04	2.536
45	59,941	2,385	0.96021	0.03979	293,930	1,681,785	28.06	2.578
50	57,556	3,031	0.94734	0.05266	280,536	1,387,855	24.11	2.610
55	54,525	4,073	0.92530	0.07470	262,946	1,107,319	20.31	2.623
60	50,452	5,543	0.89013	0.10987	239,071	844,373	16.74	2.621
65	44,909	7,329	0.83680	0.16320	206,967	605,302	13.48	2.602
70	37,580	9,031	0.75969	0.24031	165,902	398,335	10.60	2.564
75	28,549	9,869	0.65431	0.34569	118,109	232,433	8.14	2.504
80	18,680	8,938	0.52152	0.47848	70,259	114,324	6.12	2.411
85	9,742	6,112	0.37261	0.62739	32,047	44,065	4.52	2.274
90	3,630	2,795	0.23003	0.76997	10,001	12,018	3.31	2.084
95	835	738	0.11617	0.88383	1,847	2,018	2.42	1.846
100	97	97	0.00000	1.00000	171	171	1.76	1.758
	Females							
0	100,000	14,290	0.85710	0.14290	90,712	5,115,362	51.15	0.350
1	85,710	8,569	0.90002	0.09998	320,243	5,024,656	58.62	1.363
5	77,141	2,069	0.97318	0.02682	379,696	4,704,413	60.98	2.095
10	75,072	1,364	0.98183	0.01817	372,010	4,324,717	57.61	2.544
15	73,708	1,669	0.97736	0.02264	364,508	3,952,707	53.63	2.584
20	72,039	1,930	0.97321	0.02679	355,432	3,588,199	49.81	2.532
25	70,109	1,999	0.97149	0.02851	345,548	3,232,767	46.11	2.500
30	68,110	1,961	0.97121	0.02879	335,627	2,887,219	42.39	2.489
35	66,149	1,925	0.97090	0.02910	325,931	2,551,592	38.57	2.499
40	64,224	1,979	0.96919	0.03081	316,223	2,225,661	34.65	2.525
45	62,245	2,196	0.96472	0.03528	305,865	1,909,438	30.68	2.559
50	60,049	2,658	0.95574	0.04426	293,842	1,603,573	26.70	2.591
55	57,391	3,441	0.94004	0.05996	278,740	1,309,731	22.82	2.612
60	53,950	4,619	0.91438	0.08562	258,758	1,030,991	19.11	2.620
65	49,331	6,195	0.87442	0.12558	231,864	772,233	15.65	2.612
70	43,136	7,993	0.81470	0.18530	196,411	540,369	12.53	2.589
75	35,143	9,505	0.72953	0.27047	152,400	343,958	9.79	2.547
80	25,638	9,858	0.61549	0.38451	103,331	191,558	7.47	2.478
85	15,780	8,261	0.47649	0.52351	57,193	88,227	5.59	2.372
90	7,519	5,049	0.32850	0.67150	23,567	31,035	4.13	2.222
95	2,470	1,992	0.19352	0.80648	6,413	7,468	3.02	2.020
100	478	478	0.00000	1.00000	1,055	1,055	2.21	2.207

5.1 *Abridged Table*, Canada, Cohort 1891

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	16,554	0.83446	0.16554	88,909	4,935,224	49.35	0.330
1	83,446	8,140	0.90245	0.09755	312,167	4,846,319	58.08	1.344
5	75,306	1,810	0.97596	0.02404	371,140	4,534,152	60.21	2.022
10	73,496	993	0.98649	0.01351	365,063	4,163,012	56.64	2.565
15	72,503	1,473	0.97968	0.02032	359,072	3,797,949	52.38	2.662
20	71,030	1,852	0.97393	0.02607	350,569	3,438,877	48.41	2.526
25	69,178	1,791	0.97411	0.02589	341,333	3,088,308	44.64	2.455
30	67,387	1,588	0.97643	0.02357	332,899	2,746,975	40.76	2.458
35	65,799	1,525	0.97682	0.02318	325,203	2,414,076	36.69	2.513
40	64,274	1,711	0.97338	0.02662	317,225	2,088,873	32.50	2.577
45	62,563	2,206	0.96474	0.03526	307,566	1,771,648	28.32	2.621
50	60,357	3,051	0.94945	0.05055	294,571	1,464,082	24.26	2.635
55	57,306	4,282	0.92528	0.07472	276,397	1,169,511	20.41	2.634
60	53,024	5,893	0.88886	0.11114	251,099	893,114	16.84	2.621
65	47,131	7,738	0.83582	0.16418	217,054	642,015	13.62	2.596
70	39,393	9,399	0.76140	0.23860	174,013	424,961	10.79	2.558
75	29,994	10,142	0.66187	0.33813	124,616	250,948	8.37	2.500
80	19,852	9,178	0.53768	0.46232	75,534	126,332	6.36	2.415
85	10,674	6,439	0.39676	0.60324	35,935	50,798	4.76	2.292
90	4,235	3,155	0.25502	0.74498	12,096	14,864	3.51	2.122
95	1,080	934	0.13519	0.86481	2,498	2,768	2.56	1.893
100	146	146	0.00000	1.00000	270	270	1.85	1.849
	Females							
0	100,000	14,362	0.85638	0.14362	90,665	5,364,779	53.65	0.350
1	85,638	8,360	0.90238	0.09762	320,162	5,274,118	61.59	1.322
5	77,278	1,718	0.97777	0.02223	381,329	4,953,956	64.11	2.054
10	75,560	1,119	0.98519	0.01481	375,078	4,572,627	60.52	2.567
15	74,441	1,421	0.98091	0.01909	368,780	4,197,549	56.39	2.589
20	73,020	1,649	0.97742	0.02258	361,031	3,828,769	52.43	2.532
25	71,371	1,706	0.97610	0.02390	352,587	3,467,738	48.59	2.498
30	69,665	1,677	0.97593	0.02407	344,116	3,115,151	44.72	2.490
35	67,988	1,657	0.97563	0.02437	335,802	2,771,035	40.76	2.502
40	66,331	1,722	0.97404	0.02596	327,402	2,435,233	36.71	2.530
45	64,609	1,937	0.97002	0.02998	318,328	2,107,831	32.62	2.565
50	62,672	2,368	0.96222	0.03778	307,665	1,789,503	28.55	2.595
55	60,304	3,092	0.94873	0.05127	294,148	1,481,838	24.57	2.616
60	57,212	4,177	0.92699	0.07301	276,130	1,187,690	20.76	2.623
65	53,035	5,654	0.89339	0.10661	251,703	911,560	17.19	2.617
70	47,381	7,424	0.84331	0.15669	219,080	659,857	13.93	2.599
75	39,957	9,131	0.77148	0.22852	177,552	440,777	11.03	2.565
80	30,826	10,066	0.67346	0.32654	129,069	263,225	8.54	2.510
85	20,760	9,371	0.54860	0.45140	79,698	134,156	6.46	2.428
90	11,389	6,811	0.40197	0.59803	38,602	54,459	4.78	2.307
95	4,578	3,432	0.25033	0.74967	13,034	15,857	3.46	2.128
100	1,146	1,146	0.00000	1.00000	2,823	2,823	2.46	2.463

5.1 *Abridged Table*, Canada, Cohort 1901

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	14,438	0.85562	0.14438	90,327	5,315,707	53.16	0.330
1	85,562	6,680	0.92193	0.07807	324,476	5,225,384	61.07	1.340
5	78,882	1,499	0.98100	0.01900	389,968	4,900,908	62.13	2.036
10	77,383	894	0.98845	0.01155	384,775	4,510,940	58.29	2.606
15	76,489	1,360	0.98222	0.01778	379,235	4,126,165	53.94	2.640
20	75,129	1,542	0.97948	0.02052	371,754	3,746,930	49.87	2.477
25	73,587	1,349	0.98167	0.01833	364,470	3,375,176	45.87	2.431
30	72,238	1,198	0.98342	0.01658	358,178	3,010,706	41.68	2.486
35	71,040	1,288	0.98187	0.01813	352,071	2,652,528	37.34	2.571
40	69,752	1,654	0.97629	0.02371	344,829	2,300,457	32.98	2.623
45	68,098	2,309	0.96609	0.03391	335,041	1,955,628	28.72	2.640
50	65,789	3,287	0.95004	0.04996	321,188	1,620,587	24.63	2.640
55	62,502	4,625	0.92600	0.07400	301,557	1,299,399	20.79	2.632
60	57,877	6,316	0.89087	0.10913	274,330	997,842	17.24	2.616
65	51,561	8,215	0.84067	0.15933	238,029	723,512	14.03	2.593
70	43,346	9,924	0.77105	0.22895	192,486	485,483	11.20	2.557
75	33,422	10,745	0.67851	0.32149	140,294	292,997	8.77	2.504
80	22,677	9,918	0.56264	0.43736	87,869	152,703	6.73	2.427
85	12,759	7,291	0.42856	0.57144	44,249	64,834	5.08	2.319
90	5,468	3,900	0.28676	0.71324	16,290	20,585	3.76	2.167
95	1,568	1,322	0.15689	0.84311	3,810	4,295	2.74	1.952
100	246	246	0.00000	1.00000	485	485	1.97	1.972
	Females							
0	100,000	12,405	0.87595	0.12405	91,937	5,883,038	58.83	0.350
1	87,595	6,677	0.92377	0.07623	332,504	5,791,106	66.11	1.323
5	80,918	1,396	0.98275	0.01725	400,483	5,458,602	67.46	2.058
10	79,522	941	0.98817	0.01183	395,348	5,058,119	63.61	2.596
15	78,581	1,260	0.98397	0.01603	389,883	4,662,771	59.34	2.602
20	77,321	1,476	0.98091	0.01909	382,957	4,272,888	55.26	2.528
25	75,845	1,501	0.98021	0.01979	375,456	3,889,931	51.29	2.489
30	74,344	1,435	0.98070	0.01930	368,103	3,514,475	47.27	2.479
35	72,909	1,388	0.98096	0.01904	361,073	3,146,372	43.15	2.499
40	71,521	1,440	0.97987	0.02013	354,050	2,785,299	38.94	2.531
45	70,081	1,648	0.97648	0.02352	346,408	2,431,249	34.69	2.575
50	68,433	2,071	0.96974	0.03026	337,210	2,084,841	30.47	2.607
55	66,362	2,785	0.95803	0.04197	325,203	1,747,631	26.33	2.627
60	63,577	3,862	0.93925	0.06075	308,742	1,422,428	22.37	2.633
65	59,715	5,357	0.91029	0.08971	285,865	1,113,686	18.65	2.627
70	54,358	7,226	0.86707	0.13293	254,528	827,821	15.23	2.611
75	47,132	9,211	0.80457	0.19543	213,387	573,293	12.16	2.582
80	37,921	10,694	0.71799	0.28201	163,249	359,906	9.49	2.535
85	27,227	10,785	0.60389	0.39611	108,834	196,657	7.22	2.469
90	16,442	8,876	0.46016	0.53984	58,841	87,823	5.34	2.367
95	7,566	5,314	0.29765	0.70235	22,983	28,982	3.83	2.206
100	2,252	2,252	0.00000	1.00000	5,999	5,999	2.66	2.664

5.1 *Abridged Table*, Canada, Cohort 1911

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	12,197	0.87803	0.12197	91,828	5,770,469	57.70	0.330
1	87,803	5,116	0.94173	0.05827	337,629	5,678,646	64.67	1.345
5	82,687	1,205	0.98543	0.01457	409,899	5,341,017	64.59	2.065
10	81,482	761	0.99066	0.00934	405,585	4,931,118	60.52	2.601
15	80,721	1,074	0.98669	0.01331	401,029	4,525,533	56.06	2.601
20	79,647	1,150	0.98556	0.01444	395,320	4,124,504	51.78	2.465
25	78,497	1,013	0.98710	0.01290	389,901	3,729,184	47.51	2.449
30	77,484	965	0.98755	0.01245	385,028	3,339,283	43.10	2.521
35	76,519	1,125	0.98530	0.01470	379,893	2,954,255	38.61	2.598
40	75,394	1,521	0.97983	0.02017	373,376	2,574,362	34.15	2.637
45	73,873	2,180	0.97049	0.02951	364,237	2,200,986	29.79	2.648
50	71,693	3,160	0.95592	0.04408	351,030	1,836,749	25.62	2.647
55	68,533	4,524	0.93399	0.06601	331,983	1,485,719	21.68	2.639
60	64,009	6,293	0.90169	0.09831	305,098	1,153,736	18.02	2.625
65	57,716	8,371	0.85496	0.14504	268,514	848,638	14.70	2.603
70	49,345	10,401	0.78922	0.21078	221,447	580,124	11.76	2.570
75	38,944	11,670	0.70034	0.29966	165,781	358,677	9.21	2.520
80	27,274	11,265	0.58697	0.41303	107,618	192,896	7.07	2.448
85	16,009	8,759	0.45287	0.54713	56,786	85,278	5.33	2.345
90	7,250	5,024	0.30703	0.69297	22,169	28,492	3.93	2.197
95	2,226	1,848	0.16981	0.83019	5,560	6,323	2.84	1.986
100	378	378	0.00000	1.00000	763	763	2.02	2.019
	Females							
0	100,000	10,346	0.89654	0.10346	93,275	6,463,346	64.63	0.350
1	89,654	4,979	0.94446	0.05554	345,318	6,370,075	71.05	1.329
5	84,675	1,094	0.98708	0.01292	420,166	6,024,757	71.15	2.067
10	83,581	758	0.99093	0.00907	416,100	5,604,591	67.06	2.619
15	82,823	1,050	0.98732	0.01268	411,594	5,188,491	62.65	2.599
20	81,773	1,170	0.98569	0.01431	405,934	4,776,897	58.42	2.495
25	80,603	1,088	0.98650	0.01350	400,245	4,370,963	54.23	2.454
30	79,515	978	0.98770	0.01230	395,098	3,970,718	49.94	2.467
35	78,537	950	0.98790	0.01210	390,325	3,575,620	45.53	2.516
40	77,587	1,065	0.98627	0.01373	385,350	3,185,295	41.05	2.572
45	76,522	1,357	0.98227	0.01773	379,373	2,799,945	36.59	2.614
50	75,165	1,863	0.97521	0.02479	371,420	2,420,572	32.20	2.635
55	73,302	2,640	0.96398	0.03602	360,282	2,049,152	27.95	2.641
60	70,662	3,752	0.94690	0.05310	344,452	1,688,870	23.90	2.639
65	66,910	5,255	0.92146	0.07854	322,094	1,344,418	20.09	2.630
70	61,655	7,129	0.88437	0.11563	291,261	1,022,324	16.58	2.613
75	54,526	9,179	0.83166	0.16834	250,491	731,063	13.41	2.588
80	45,347	10,936	0.75884	0.24116	199,944	480,572	10.60	2.550
85	34,411	11,671	0.66084	0.33916	142,897	280,628	8.16	2.502
90	22,740	10,753	0.52713	0.47287	86,024	137,731	6.06	2.426
95	11,987	7,689	0.35856	0.64144	39,105	51,708	4.31	2.291
100	4,298	4,298	0.00000	1.00000	12,603	12,603	2.93	2.932

5.1 *Abridged Table,* Canada, Cohort 1921

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	9,278	0.90722	0.09278	93,505	6,285,466	62.85	0.300
1	90,722	3,494	0.96149	0.03851	353,737	6,191,965	68.25	1.381
5	87,228	967	0.98891	0.01109	433,348	5,838,228	66.93	2.112
10	86,261	629	0.99271	0.00729	429,793	5,404,880	62.66	2.595
15	85,632	911	0.98936	0.01064	425,981	4,975,087	58.10	2.608
20	84,721	937	0.98894	0.01106	421,203	4,549,106	53.70	2.436
25	83,784	788	0.99059	0.00941	416,910	4,127,903	49.27	2.449
30	82,996	801	0.99035	0.00965	413,028	3,710,993	44.71	2.562
35	82,195	1,032	0.98744	0.01256	408,526	3,297,965	40.12	2.627
40	81,163	1,462	0.98199	0.01801	402,377	2,889,439	35.60	2.648
45	79,701	2,123	0.97336	0.02664	393,517	2,487,062	31.20	2.650
50	77,578	3,078	0.96032	0.03968	380,643	2,093,545	26.99	2.646
55	74,500	4,396	0.94099	0.05901	362,117	1,712,902	22.99	2.638
60	70,104	6,120	0.91270	0.08730	335,991	1,350,785	19.27	2.626
65	63,984	8,195	0.87192	0.12808	300,310	1,014,794	15.86	2.607
70	55,789	10,351	0.81446	0.18554	253,882	714,484	12.81	2.579
75	45,438	11,988	0.73617	0.26383	197,664	460,602	10.14	2.537
80	33,450	12,226	0.63450	0.36550	136,389	262,938	7.86	2.476
85	21,224	10,409	0.50956	0.49044	78,970	126,549	5.96	2.392
90	10,815	6,894	0.36255	0.63745	35,232	47,580	4.40	2.267
95	3,921	3,095	0.21066	0.78934	10,544	12,348	3.15	2.072
100	826	826	0.00000	1.00000	1,804	1,804	2.18	2.184
	Females							
0	100,000	7,677	0.92323	0.07677	94,626	7,070,808	70.71	0.300
1	92,323	3,309	0.96416	0.03584	360,487	6,976,184	75.56	1.339
5	89,014	780	0.99124	0.00876	442,801	6,615,697	74.32	2.091
10	88,234	588	0.99334	0.00666	439,791	6,172,896	69.96	2.655
15	87,646	792	0.99096	0.00904	436,287	5,733,105	65.41	2.547
20	86,854	746	0.99141	0.00859	432,346	5,296,818	60.99	2.421
25	86,108	604	0.99299	0.00701	428,983	4,864,472	56.49	2.422
30	85,504	552	0.99354	0.00646	426,148	4,435,489	51.87	2.514
35	84,952	636	0.99251	0.00749	423,233	4,009,341	47.20	2.599
40	84,316	858	0.98982	0.01018	419,553	3,586,108	42.53	2.638
45	83,458	1,226	0.98531	0.01469	414,408	3,166,555	37.94	2.649
50	82,232	1,786	0.97828	0.02172	406,963	2,752,147	33.47	2.650
55	80,446	2,593	0.96777	0.03223	396,130	2,345,184	29.15	2.647
60	77,853	3,722	0.95219	0.04781	380,488	1,949,054	25.04	2.642
65	74,131	5,236	0.92937	0.07063	358,252	1,568,566	21.16	2.631
70	68,895	7,142	0.89634	0.10366	327,449	1,210,314	17.57	2.616
75	61,753	9,299	0.84942	0.15058	286,391	882,865	14.30	2.594
80	52,454	11,305	0.78448	0.21552	234,699	596,474	11.37	2.561
85	41,149	12,528	0.69555	0.30445	174,704	361,775	8.79	2.522
90	28,621	12,357	0.56825	0.43175	111,730	187,071	6.54	2.461
95	16,264	9,800	0.39744	0.60256	55,258	75,341	4.63	2.341
100	6,464	6,464	0.00000	1.00000	20,083	20,083	3.11	3.107

5.1 *Abridged Table*, Canada, Cohort 1931

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	8,532	0.91468	0.08532	94,028	6,627,912	66.28	0.300
1	91,468	2,316	0.97468	0.02532	359,942	6,533,888	71.43	1.440
5	89,152	796	0.99107	0.00893	443,516	6,173,946	69.25	2.181
10	88,356	496	0.99439	0.00561	440,534	5,730,430	64.86	2.488
15	87,860	679	0.99227	0.00773	437,713	5,289,896	60.21	2.662
20	87,181	767	0.99120	0.00880	433,952	4,852,183	55.66	2.453
25	86,414	665	0.99230	0.00770	430,385	4,418,231	51.13	2.465
30	85,749	713	0.99169	0.00831	427,023	3,987,846	46.51	2.584
35	85,036	950	0.98883	0.01117	422,932	3,560,823	41.87	2.634
40	84,086	1,350	0.98395	0.01605	417,252	3,137,891	37.32	2.646
45	82,736	1,953	0.97639	0.02361	409,085	2,720,639	32.88	2.647
50	80,783	2,815	0.96515	0.03485	397,283	2,311,554	28.61	2.644
55	77,968	4,011	0.94856	0.05144	380,366	1,914,271	24.55	2.638
60	73,957	5,595	0.92435	0.07565	356,513	1,533,905	20.74	2.628
65	68,362	7,558	0.88944	0.11056	323,764	1,177,392	17.22	2.612
70	60,804	9,726	0.84004	0.15996	280,567	853,628	14.04	2.589
75	51,078	11,640	0.77211	0.22789	226,916	573,061	11.22	2.554
80	39,438	12,528	0.68234	0.31766	165,907	346,145	8.78	2.503
85	26,910	11,628	0.56789	0.43211	104,731	180,238	6.70	2.436
90	15,282	8,823	0.42265	0.57735	52,883	75,507	4.94	2.333
95	6,459	4,796	0.25747	0.74253	18,673	22,625	3.50	2.160
100	1,663	1,663	0.00000	1.00000	3,952	3,952	2.38	2.376
	Females							
0	100,000	6,911	0.93089	.06911	95,162	7,436,830	74.37	0.300
1	93,089	2,065	0.97782	0.02218	367,037	7,341,702	78.87	1.424
5	91,024	666	0.99268	0.00732	453,222	6,974,665	76.62	2.149
10	90,358	400	0.99557	0.00443	450,780	6,521,443	72.17	2.474
15	89,958	453	0.99496	0.00504	448,646	6,070,663	67.48	2.474
20	89,505	365	0.99593	0.00407	446,562	5,622,017	62.81	2.362
25	89,140	329	0.99631	0.00369	444,886	5,175,455	58.06	2.524
30	88,811	407	0.99542	0.00458	443,079	4,730,569	53.27	2.601
35	88,404	562	0.99365	0.00635	440,691	4,287,490	48.50	2.634
40	87,842	791	0.99099	0.00901	437,321	3,846,799	43.79	2.611
45	87,051	1,165	0.98662	0.01338	432,460	3,409,478	39.17	2.601
50	85,886	1,695	0.98027	0.01973	425,394	2,977,018	34.67	2.619
55	84,191	2,454	0.97085	0.02915	415,127	2,551,624	30.31	2.625
60	81,737	3,518	0.95696	0.04304	400,340	2,136,497	26.14	2.628
65	78,219	4,959	0.93660	0.06340	379,315	1,736,157	22.20	2.625
70	73,260	6,803	0.90713	0.09287	350,068	1,356,842	18.52	2.614
75	66,457	8,962	0.86515	0.13485	310,746	1,006,774	15.15	2.597
80	57,495	11,116	0.80667	0.19333	260,449	696,028	12.11	2.569
85	46,379	12,736	0.72539	0.27461	200,540	435,579	9.39	2.538
90	33,643	13,312	0.60432	0.39568	134,811	235,039	6.99	2.491
95	20,331	11,533	0.43273	0.56727	71,472	100,228	4.93	2.383
100	8,798	8,798	0.00000	1.00000	28,757	28,757	3.27	3.269

5.1 *Abridged Table,* Canada, Cohort 1941

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	6,003	0.93997	0.06003	95,798	7,066,416	70.66	0.300
1	93,997	1,416	0.98494	0.01506	372,368	6,970,623	74.16	1.444
5	92,581	502	0.99458	0.00542	461,498	6,598,255	71.27	2.197
10	92,079	348	0.99622	0.00378	459,545	6,136,757	66.65	2.557
15	91,731	557	0.99393	0.00607	457,384	5,677,212	61.89	2.717
20	91,174	757	0.99170	0.00830	454,007	5,219,828	57.25	2.538
25	90,417	735	0.99187	0.00813	450,218	4,765,821	52.71	2.459
30	89,682	700	0.99219	0.00781	446,669	4,315,603	48.12	2.513
35	88,982	809	0.99091	0.00909	442,964	3,868,934	43.48	2.594
40	88,173	1,100	0.98752	0.01248	438,273	3,425,970	38.86	2.644
45	87,073	1,605	0.98157	0.01843	431,603	2,987,697	34.31	2.656
50	85,468	2,378	0.97218	0.02782	421,770	2,556,094	29.91	2.658
55	83,090	3,506	0.95780	0.04220	407,220	2,134,324	25.69	2.653
60	79,584	5,082	0.93614	0.06386	385,943	1,727,104	21.70	2.643
65	74,502	7,155	0.90396	0.09604	355,548	1,341,161	18.00	2.629
70	67,347	9,631	0.85699	0.14301	313,692	985,613	14.63	2.607
75	57,716	12,099	0.79037	0.20963	259,227	671,921	11.64	2.574
80	45,617	13,702	0.69963	0.30037	194,151	412,694	9.05	2.523
85	31,915	13,359	0.58142	0.41858	125,566	218,543	6.85	2.454
90	18,556	10,559	0.43097	0.56903	64,775	92,977	5.01	2.348
95	7,997	5,913	0.26060	0.73940	23,240	28,203	3.53	2.168
100	2,084	2,084	0.00000	1.00000	4,963	4,963	2.38	2.381
	Females							
0	100,000	4,786	0.95214	0.04786	96,650	7,817,880	78.18	0.300
1	95,214	1,217	0.98722	0.01278	377,686	7,721,234	81.09	1.395
5	93,997	374	0.99602	0.00398	468,926	7,343,548	78.13	2.168
10	93,623	230	0.99754	0.00246	467,525	6,874,622	73.43	2.435
15	93,393	230	0.99754	0.00246	466,400	6,407,097	68.60	2.543
20	93,163	262	0.99719	0.00281	465,177	5,940,697	63.77	2.565
25	92,901	313	0.99663	0.00337	463,748	5,475,520	58.94	2.580
30	92,588	384	0.99585	0.00415	462,015	5,011,772	54.13	2.591
35	92,204	499	0.99459	0.00541	459,830	4,549,757	49.34	2.614
40	91,705	678	0.99261	0.00739	456,922	4,089,927	44.60	2.636
45	91,027	969	0.98935	0.01065	452,855	3,633,005	39.91	2.647
50	90,058	1,419	0.98424	0.01576	446,965	3,180,150	35.31	2.656
55	88,639	2,114	0.97615	0.02385	438,247	2,733,185	30.83	2.659
60	86,525	3,145	0.96365	0.03635	425,260	2,294,938	26.52	2.658
65	83,380	4,638	0.94438	0.05562	406,010	1,869,678	22.42	2.652
70	78,742	6,683	0.91513	0.08487	377,938	1,463,668	18.59	2.640
75	72,059	9,262	0.87147	0.12853	338,253	1,085,730	15.07	2.620
80	62,797	12,051	0.80810	0.19190	284,930	747,477	11.90	2.589
85	50,746	14,384	0.71655	0.28345	218,475	462,547	9.11	2.549
90	36,362	15,092	0.58495	0.41505	143,840	244,072	6.71	2.484
95	21,270	12,601	0.40757	0.59243	73,067	100,232	4.71	2.359
100	8,669	8,669	0.00000	1.00000	27,166	27,166	3.13	3.134

5.2 *Abridged Table*, Quebec, Cohort 1801

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	19,416	0.80584	0.19416	86,991	3,778,826	37.79	0.330
1	80,584	12,249	0.84800	0.15200	289,887	3,691,835	45.81	1.351
5	68,335	2,677	0.96083	0.03917	333,719	3,401,948	49.78	2.028
10	65,658	1,566	0.97615	0.02385	324,476	3,068,229	46.73	2.564
15	64,092	2,170	0.96614	0.03386	315,343	2,743,753	42.81	2.642
20	61,922	2,795	0.95486	0.04514	302,799	2,428,410	39.22	2.563
25	59,127	3,049	0.94843	0.05157	288,049	2,125,611	35.95	2.512
30	56,078	3,063	0.94538	0.05462	272,721	1,837,562	32.77	2.496
35	53,015	3,052	0.94243	0.05757	257,462	1,564,841	29.52	2.506
40	49,963	3,181	0.93633	0.06367	241,955	1,307,379	26.17	2.529
45	46,782	3,545	0.92422	0.07578	225,249	1,065,424	22.77	2.557
50	43,237	4,189	0.90312	0.09688	206,029	840,175	19.43	2.576
55	39,048	5,093	0.86957	0.13043	182,912	634,146	16.24	2.579
60	33,955	6,124	0.81964	0.18036	154,873	451,234	13.29	2.567
65	27,831	6,975	0.74938	0.25062	121,969	296,361	10.65	2.536
70	20,856	7,181	0.65569	0.34431	86,214	174,392	8.36	2.484
75	13,675	6,299	0.53938	0.46062	52,036	88,178	6.45	2.406
80	7,376	4,370	0.40754	0.59246	25,052	36,142	4.90	2.293
85	3,006	2,179	0.27512	0.72488	8,795	11,090	3.69	2.138
90	827	693	0.16203	0.83797	2,014	2,296	2.78	1.939
95	134	123	0.08209	0.91791	265	282	2.10	1.703
100	11	11	0.00000	1.00000	18	18	1.59	1.591
	Females							
0	100,000	17,051	0.82949	0.17051	88,917	3,956,472	39.56	0.350
1	82,949	12,480	0.84955	0.15045	299,070	3,867,558	46.63	1.378
5	70,469	2,958	0.95802	0.04198	343,661	3,568,488	50.64	2.064
10	67,511	1,929	0.97143	0.02857	332,882	3,224,827	47.77	2.577
15	65,582	2,575	0.96074	0.03926	321,765	2,891,945	44.10	2.613
20	63,007	3,104	0.95074	0.04926	307,400	2,570,180	40.79	2.540
25	59,903	3,220	0.94625	0.05375	291,445	2,262,780	37.77	2.494
30	56,683	3,080	0.94566	0.05434	275,639	1,971,335	34.78	2.475
35	53,603	2,897	0.94595	0.05405	260,713	1,695,696	31.63	2.479
40	50,706	2,822	0.94435	0.05565	246,480	1,434,983	28.30	2.502
45	47,884	2,962	0.93814	0.06186	232,125	1,188,503	24.82	2.537
50	44,922	3,404	0.92422	0.07578	216,347	956,378	21.29	2.573
55	41,518	4,205	0.89872	0.10128	197,473	740,031	17.82	2.594
60	37,313	5,362	0.85630	0.14370	173,681	542,558	14.54	2.597
65	31,951	6,690	0.79062	0.20938	143,546	368,877	11.55	2.577
70	25,261	7,692	0.69550	0.30450	107,315	225,331	8.92	2.531
75	17,569	7,578	0.56867	0.43133	68,533	118,016	6.72	2.452
80	9,991	5,821	0.41738	0.58262	34,398	49,483	4.95	2.327
85	4,170	3,059	0.26643	0.73357	12,105	15,085	3.62	2.141
90	1,111	945	0.14941	0.85059	2,639	2,981	2.68	1.914
95	166	153	0.07831	0.92169	322	342	2.06	1.676
100	13	13	0.00000	1.00000	21	21	1.58	1.577

5.2 *Abridged Table*, Quebec, Cohort 1811

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	19,342	0.80658	0.19342	87,041	3,846,693	38.47	0.330
1	80,658	11,892	0.85256	0.14744	291,101	3,759,656	46.61	1.349
5	68,766	2,593	0.96229	0.03771	336,119	3,468,555	50.44	2.026
10	66,173	1,508	0.97721	0.02279	327,191	3,132,436	47.34	2.564
15	64,665	2,095	0.96760	0.03240	318,385	2,805,245	43.38	2.642
20	62,570	2,690	0.95701	0.04299	306,290	2,486,860	39.75	2.561
25	59,880	2,918	0.95127	0.04873	292,134	2,180,570	36.42	2.510
30	56,962	2,925	0.94865	0.05135	277,488	1,888,436	33.15	2.497
35	54,037	2,931	0.94576	0.05424	262,881	1,610,948	29.81	2.508
40	51,106	3,094	0.93946	0.06054	247,907	1,348,067	26.38	2.536
45	48,012	3,512	0.92685	0.07315	231,503	1,100,160	22.91	2.563
50	44,500	4,220	0.90517	0.09483	212,293	868,657	19.52	2.581
55	40,280	5,194	0.87105	0.12895	188,845	656,364	16.29	2.583
60	35,086	6,292	0.82067	0.17933	160,130	467,519	13.32	2.568
65	28,794	7,193	0.75019	0.24981	126,253	307,389	10.68	2.537
70	21,601	7,417	0.65664	0.34336	89,349	181,136	8.39	2.485
75	14,184	6,513	0.54082	0.45918	54,030	91,787	6.47	2.407
80	7,671	4,529	0.40959	0.59041	26,103	37,757	4.92	2.295
85	3,142	2,270	0.27753	0.72247	9,218	11,654	3.71	2.140
90	872	729	0.16399	0.83601	2,133	2,436	2.79	1.944
95	143	131	0.08392	0.91608	284	304	2.12	1.706
100	12	12	0.00000	1.00000	20	20	1.67	1.667
	Females							
0	100,000	16,995	0.83005	0.16995	88,953	4,042,163	40.42	0.350
1	83,005	12,106	0.85415	0.14585	300,221	3,953,213	47.63	1.373
5	70,899	2,837	0.95999	0.04001	346,156	3,652,992	51.52	2.060
10	68,062	1,831	0.97310	0.02690	335,870	3,306,836	48.59	2.575
15	66,231	2,437	0.96320	0.03680	325,336	2,970,966	44.86	2.612
20	63,794	2,937	0.95396	0.04604	311,744	2,645,630	41.47	2.539
25	60,857	3,047	0.94993	0.05007	296,651	2,333,886	38.35	2.494
30	57,810	2,924	0.94942	0.05058	281,672	2,037,235	35.24	2.477
35	54,886	2,770	0.94953	0.05047	267,460	1,755,563	31.99	2.484
40	52,116	2,732	0.94758	0.05242	253,773	1,488,103	28.55	2.508
45	49,384	2,918	0.94091	0.05909	239,754	1,234,330	24.99	2.544
50	46,466	3,416	0.92648	0.07352	224,060	994,576	21.40	2.579
55	43,050	4,285	0.90046	0.09954	204,963	770,516	17.90	2.599
60	38,765	5,519	0.85763	0.14237	180,580	565,553	14.59	2.600
65	33,246	6,924	0.79173	0.20827	149,464	384,973	11.58	2.579
70	26,322	7,984	0.69668	0.30332	111,905	235,509	8.95	2.532
75	18,338	7,884	0.57007	0.42993	71,606	123,604	6.74	2.453
80	10,454	6,070	0.41936	0.58064	36,055	51,998	4.97	2.329
85	4,384	3,206	0.26870	0.73130	12,765	15,943	3.64	2.144
90	1,178	999	0.15195	0.84805	2,809	3,178	2.70	1.915
95	179	165	0.07821	0.92179	348	370	2.06	1.682
100	14	14	0.00000	1.00000	22	22	1.57	1.571

5.2 *Abridged Table*, Quebec, Cohort 1821

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	19,263	0.80737	0.19263	87,094	3,909,755	39.10	0.330
1	80,737	11,530	0.85719	0.14281	292,344	3,822,667	47.35	1.346
5	69,207	2,509	0.96375	0.03625	338,573	3,530,323	51.01	2.026
10	66,698	1,448	0.97829	0.02171	329,959	3,191,750	47.85	2.561
15	65,250	2,018	0.96907	0.03093	321,493	2,861,791	43.86	2.643
20	63,232	2,582	0.95917	0.04083	309,855	2,540,298	40.17	2.558
25	60,650	2,781	0.95415	0.04585	296,320	2,230,443	36.78	2.508
30	57,869	2,781	0.95194	0.04806	282,385	1,934,123	33.42	2.497
35	55,088	2,817	0.94886	0.05114	268,443	1,651,738	29.98	2.516
40	52,271	3,045	0.94175	0.05825	253,883	1,383,295	26.46	2.546
45	49,226	3,541	0.92807	0.07193	237,536	1,129,412	22.94	2.573
50	45,685	4,333	0.90515	0.09485	217,966	891,876	19.52	2.586
55	41,352	5,372	0.87009	0.12991	193,780	673,910	16.30	2.584
60	35,980	6,497	0.81943	0.18057	164,091	480,130	13.34	2.567
65	29,483	7,385	0.74952	0.25048	129,202	316,039	10.72	2.534
70	22,098	7,558	0.65798	0.34202	91,460	186,837	8.45	2.482
75	14,540	6,609	0.54546	0.45454	55,555	95,377	6.56	2.406
80	7,931	4,614	0.41823	0.58177	27,190	39,822	5.02	2.298
85	3,317	2,358	0.28912	0.71088	9,873	12,632	3.81	2.154
90	959	791	0.17518	0.82482	2,396	2,759	2.88	1.966
95	168	153	0.08929	0.91071	341	363	2.16	1.735
100	15	15	0.00000	1.00000	23	23	1.50	1.500
	Females							
0	100,000	16,934	0.83066	0.16934	88,993	4,120,094	41.20	0.350
1	83,066	11,763	0.85839	0.14161	301,292	4,031,106	48.53	1.367
5	71,303	2,711	0.96198	0.03802	348,536	3,729,814	52.31	2.057
10	68,592	1,736	0.97469	0.02531	338,747	3,381,278	49.30	2.573
15	66,856	2,297	0.96564	0.03436	328,791	3,042,531	45.51	2.610
20	64,559	2,757	0.95729	0.04271	316,011	2,713,740	42.03	2.539
25	61,802	2,863	0.95367	0.04633	301,838	2,397,729	38.80	2.495
30	58,939	2,767	0.95305	0.04695	287,725	2,095,891	35.56	2.481
35	56,172	2,660	0.95265	0.04735	274,185	1,808,166	32.19	2.491
40	53,512	2,682	0.94988	0.05012	260,902	1,533,981	28.67	2.518
45	50,830	2,939	0.94218	0.05782	246,963	1,273,079	25.05	2.554
50	47,891	3,509	0.92673	0.07327	230,983	1,026,116	21.43	2.585
55	44,382	4,446	0.89982	0.10018	211,245	795,133	17.92	2.601
60	39,936	5,729	0.85655	0.14345	185,924	583,888	14.62	2.599
65	34,207	7,147	0.79107	0.20893	153,709	397,964	11.63	2.576
70	27,060	8,176	0.69786	0.30214	115,098	244,255	9.03	2.529
75	18,884	8,028	0.57488	0.42512	73,960	129,157	6.84	2.451
80	10,856	6,204	0.42852	0.57148	37,735	55,197	5.08	2.333
85	4,652	3,337	0.28267	0.71733	13,785	17,462	3.75	2.160
90	1,315	1,099	0.16426	0.83574	3,214	3,678	2.80	1.941
95	216	197	0.08796	0.91204	432	464	2.15	1.708
100	19	19	0.00000	1.00000	33	33	1.71	1.711

5.2 *Abridged Table*, Quebec, Cohort 1831

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	19,188	0.80812	0.19188	87,144	3,968,305	39.68	0.330
1	80,812	11,183	0.86162	0.13838	293,515	3,881,165	48.03	1.341
5	69,629	2,417	0.96529	0.03471	340,963	3,587,650	51.53	2.028
10	67,212	1,396	0.97923	0.02077	332,652	3,246,687	48.31	2.559
15	65,816	1,927	0.97072	0.02928	324,537	2,914,035	44.28	2.642
20	63,889	2,463	0.96145	0.03855	313,430	2,589,498	40.53	2.558
25	61,426	2,666	0.95660	0.04340	300,495	2,276,068	37.05	2.511
30	58,760	2,699	0.95407	0.04593	287,063	1,975,573	33.62	2.504
35	56,061	2,786	0.95030	0.04970	273,407	1,688,510	30.12	2.524
40	53,275	3,069	0.94239	0.05761	258,868	1,415,103	26.56	2.554
45	50,206	3,618	0.92794	0.07206	242,260	1,156,235	23.03	2.576
50	46,588	4,445	0.90459	0.09541	222,211	913,975	19.62	2.586
55	42,143	5,494	0.86963	0.13037	197,429	691,764	16.41	2.582
60	36,649	6,600	0.81991	0.18009	167,165	494,335	13.49	2.564
65	30,049	7,444	0.75227	0.24773	131,866	327,170	10.89	2.531
70	22,605	7,586	0.66441	0.33559	93,920	195,304	8.64	2.482
75	15,019	6,657	0.55676	0.44324	57,852	101,384	6.75	2.410
80	8,362	4,728	0.43459	0.56541	29,088	43,532	5.21	2.309
85	3,634	2,514	0.30820	0.69180	11,067	14,444	3.97	2.175
90	1,120	904	0.19286	0.80714	2,888	3,377	3.02	2.000
95	216	195	0.09722	0.90278	453	489	2.26	1.782
100	21	21	0.00000	1.00000	37	37	1.74	1.738
	Females							
0	100,000	16,874	0.83126	0.16874	89,032	4,189,157	41.89	0.350
1	83,126	11,490	0.86178	0.13822	302,135	4,100,129	49.32	1.357
5	71,636	2,572	0.96410	0.03590	350,610	3,797,994	53.02	2.057
10	69,064	1,647	0.97615	0.02385	341,313	3,447,384	49.92	2.567
15	67,417	2,139	0.96827	0.03173	331,961	3,106,071	46.07	2.604
20	65,278	2,562	0.96075	0.03925	320,094	2,774,110	42.50	2.543
25	62,716	2,702	0.95692	0.04308	306,835	2,454,016	39.13	2.504
30	60,014	2,677	0.95539	0.04461	293,355	2,147,181	35.78	2.491
35	57,337	2,645	0.95387	0.04613	280,078	1,853,826	32.33	2.502
40	54,692	2,734	0.95001	0.04999	266,697	1,573,748	28.77	2.526
45	51,958	3,038	0.94153	0.05847	252,370	1,307,051	25.16	2.558
50	48,920	3,632	0.92576	0.07424	235,824	1,054,681	21.56	2.584
55	45,288	4,568	0.89913	0.10087	215,465	818,857	18.08	2.597
60	40,720	5,817	0.85715	0.14285	189,606	603,392	14.82	2.594
65	34,903	7,178	0.79434	0.20566	157,086	413,786	11.86	2.572
70	27,725	8,165	0.70550	0.29450	118,444	256,700	9.26	2.528
75	19,560	8,053	0.58829	0.41171	77,313	138,256	7.07	2.456
80	11,507	6,353	0.44790	0.55210	40,676	60,943	5.30	2.346
85	5,154	3,589	0.30365	0.69635	15,668	20,267	3.93	2.185
90	1,565	1,280	0.18211	0.81789	3,958	4,600	2.94	1.979
95	285	257	0.09825	0.90175	592	642	2.25	1.757
100	28	28	0.00000	1.00000	50	50	1.79	1.786

5.2 *Abridged Table*, Quebec, Cohort 1841

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	19,080	0.80920	0.19080	87,216	4,025,154	40.25	0.330
1	80,920	10,879	0.86556	0.13444	294,669	3,937,944	48.66	1.333
5	70,041	2,303	0.96712	0.03288	343,371	3,643,275	52.02	2.032
10	67,738	1,358	0.97995	0.02005	335,371	3,299,904	48.72	2.556
15	66,380	1,831	0.97242	0.02758	327,566	2,964,533	44.66	2.633
20	64,549	2,349	0.96361	0.03639	317,031	2,636,967	40.85	2.567
25	62,200	2,622	0.95785	0.04215	304,515	2,319,936	37.30	2.527
30	59,578	2,747	0.95389	0.04611	291,063	2,015,421	33.83	2.515
35	56,831	2,881	0.94931	0.05069	277,026	1,724,358	30.34	2.525
40	53,950	3,153	0.94156	0.05844	262,015	1,447,332	26.83	2.547
45	50,797	3,642	0.92830	0.07170	245,127	1,185,317	23.33	2.568
50	47,155	4,394	0.90682	0.09318	225,142	940,190	19.94	2.580
55	42,761	5,382	0.87414	0.12586	200,782	715,048	16.72	2.580
60	37,379	6,477	0.82672	0.17328	171,133	514,266	13.76	2.566
65	30,902	7,390	0.76086	0.23914	136,310	343,133	11.10	2.537
70	23,512	7,671	0.67374	0.32626	98,306	206,823	8.80	2.490
75	15,841	6,887	0.56524	0.43476	61,432	108,517	6.85	2.419
80	8,954	5,011	0.44036	0.55964	31,335	47,085	5.26	2.319
85	3,943	2,718	0.31068	0.68932	12,054	15,750	3.99	2.181
90	1,225	989	0.19265	0.80735	3,159	3,696	3.02	2.001
95	236	212	0.10169	0.89831	496	537	2.28	1.774
100	24	24	0.00000	1.00000	41	41	1.71	1.708
	Females							
0	100,000	16,796	0.83204	0.16796	89,083	4,259,662	42.60	0.350
1	83,204	11,120	0.86635	0.13365	303,314	4,170,583	50.12	1.347
5	72,084	2,433	0.96625	0.03375	353,266	3,867,269	53.65	2.059
10	69,651	1,561	0.97759	0.02241	344,444	3,514,003	50.45	2.558
15	68,090	2,001	0.97061	0.02939	335,657	3,169,559	46.55	2.604
20	66,089	2,434	0.96317	0.03683	324,488	2,833,902	42.88	2.553
25	63,655	2,645	0.95845	0.04155	311,711	2,509,414	39.42	2.518
30	61,010	2,707	0.95563	0.04437	298,292	2,197,703	36.02	2.503
35	58,303	2,735	0.95309	0.04691	284,696	1,899,411	32.58	2.507
40	55,568	2,836	0.94896	0.05104	270,817	1,614,715	29.06	2.524
45	52,732	3,106	0.94110	0.05890	256,047	1,343,898	25.49	2.549
50	49,626	3,629	0.92687	0.07313	239,329	1,087,851	21.92	2.575
55	45,997	4,477	0.90267	0.09733	219,203	848,522	18.45	2.592
60	41,520	5,662	0.86363	0.13637	193,976	629,319	15.16	2.594
65	35,858	7,034	0.80384	0.19616	162,248	435,343	12.14	2.577
70	28,824	8,152	0.71718	0.28282	124,049	273,095	9.47	2.538
75	20,672	8,266	0.60014	0.39986	82,436	149,046	7.21	2.469
80	12,406	6,738	0.45688	0.54312	44,238	66,610	5.37	2.359
85	5,668	3,935	0.30575	0.69425	17,294	22,372	3.95	2.193
90	1,733	1,419	0.18119	0.81881	4,381	5,079	2.93	1.981
95	314	284	0.09554	0.90446	646	698	2.22	1.746
100	30	30	0.00000	1.00000	52	52	1.73	1.733

5.2 *Abridged Table*, Quebec, Cohort 1851

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	19,038	0.80962	0.19038	87,245	4,086,897	40.87	0.330
1	80,962	10,491	0.87042	0.12958	295,884	3,999,656	49.40	1.334
5	70,471	2,246	0.96813	0.03187	345,687	3,703,772	52.56	2.031
10	68,225	1,297	0.98099	0.01901	337,956	3,358,085	49.22	2.556
15	66,928	1,811	0.97294	0.02706	330,389	3,020,129	45.13	2.652
20	65,117	2,396	0.96320	0.03680	319,772	2,689,740	41.31	2.574
25	62,721	2,688	0.95714	0.04286	306,950	2,369,968	37.79	2.524
30	60,033	2,784	0.95363	0.04637	293,230	2,063,018	34.36	2.509
35	57,249	2,881	0.94968	0.05032	279,100	1,769,788	30.91	2.520
40	54,368	3,116	0.94269	0.05731	264,185	1,490,688	27.42	2.543
45	51,252	3,579	0.93017	0.06983	247,548	1,226,503	23.93	2.566
50	47,673	4,299	0.90982	0.09018	227,956	978,955	20.53	2.579
55	43,374	5,246	0.87905	0.12095	204,168	750,999	17.31	2.579
60	38,128	6,295	0.83490	0.16510	175,318	546,831	14.34	2.566
65	31,833	7,192	0.77407	0.22593	141,466	371,513	11.67	2.539
70	24,641	7,537	0.69413	0.30587	104,336	230,047	9.34	2.496
75	17,104	6,938	0.59436	0.40564	67,717	125,711	7.35	2.434
80	10,166	5,306	0.47806	0.52194	36,746	57,994	5.70	2.346
85	4,860	3,146	0.35267	0.64733	15,576	21,248	4.37	2.227
90	1,714	1,320	0.22987	0.77013	4,698	5,672	3.31	2.067
95	394	345	0.12437	0.87563	886	974	2.47	1.857
100	49	49	0.00000	1.00000	89	89	1.81	1.806
	Females							
0	100,000	16,784	0.83216	0.16784	89,090	4,333,548	43.34	0.350
1	83,216	10,659	0.87191	0.12809	304,646	4,244,460	51.01	1.353
5	72,557	2,362	0.96745	0.03255	355,800	3,939,814	54.30	2.043
10	70,195	1,454	0.97929	0.02071	347,437	3,584,014	51.06	2.567
15	68,741	1,969	0.97136	0.02864	339,039	3,236,577	47.08	2.630
20	66,772	2,492	0.96268	0.03732	327,785	2,897,538	43.39	2.562
25	64,280	2,730	0.95753	0.04247	314,618	2,569,753	39.98	2.516
30	61,550	2,758	0.95519	0.04481	300,845	2,255,135	36.64	2.496
35	58,792	2,734	0.95350	0.04650	287,122	1,954,290	33.24	2.499
40	56,058	2,788	0.95027	0.04973	273,370	1,667,168	29.74	2.518
45	53,270	3,022	0.94327	0.05673	258,935	1,393,798	26.16	2.546
50	50,248	3,521	0.92993	0.07007	242,698	1,134,863	22.59	2.574
55	46,727	4,344	0.90703	0.09297	223,172	892,165	19.09	2.591
60	42,383	5,488	0.87051	0.12949	198,708	668,993	15.78	2.593
65	36,895	6,816	0.81526	0.18474	167,966	470,285	12.75	2.578
70	30,079	7,942	0.73596	0.26404	130,874	302,319	10.05	2.542
75	22,137	8,209	0.62917	0.37083	90,007	171,445	7.74	2.481
80	13,928	7,008	0.49684	0.50316	51,319	81,438	5.85	2.386
85	6,920	4,489	0.35130	0.64870	22,222	30,119	4.35	2.242
90	2,431	1,893	0.22131	0.77869	6,579	7,898	3.25	2.054
95	538	472	0.12268	0.87732	1,196	1,319	2.45	1.835
100	66	66	0.00000	1.00000	123	123	1.86	1.864

5.2 *Abridged Table*, Quebec, Cohort 1861

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	18,930	0.81070	0.18930	87,317	4,183,680	41.84	0.330
1	81,070	10,242	0.87366	0.12634	296,957	4,096,366	50.53	1.332
5	70,828	2,186	0.96914	0.03086	347,651	3,799,409	53.64	2.032
10	68,642	1,289	0.98122	0.01878	340,078	3,451,758	50.29	2.570
15	67,353	1,850	0.97253	0.02747	332,428	3,111,680	46.20	2.656
20	65,503	2,438	0.96278	0.03722	321,588	2,779,252	42.43	2.569
25	63,065	2,682	0.95747	0.04253	308,660	2,457,664	38.97	2.515
30	60,383	2,716	0.95502	0.04498	295,127	2,149,004	35.59	2.501
35	57,667	2,756	0.95221	0.04779	281,482	1,853,877	32.15	2.513
40	54,911	2,946	0.94635	0.05365	267,309	1,572,395	28.64	2.540
45	51,965	3,361	0.93532	0.06468	251,641	1,305,086	25.11	2.565
50	48,604	4,030	0.91709	0.08291	233,261	1,053,445	21.67	2.578
55	44,574	4,922	0.88958	0.11042	210,957	820,184	18.40	2.580
60	39,652	5,939	0.85022	0.14978	183,823	609,227	15.36	2.569
65	33,713	6,872	0.79616	0.20384	151,701	425,404	12.62	2.546
70	26,841	7,382	0.72497	0.27503	115,821	273,703	10.20	2.510
75	19,459	7,097	0.63528	0.36472	79,242	157,882	8.11	2.456
80	12,362	5,829	0.52847	0.47153	46,547	78,640	6.36	2.381
85	6,533	3,863	0.40869	0.59131	22,171	32,093	4.91	2.283
90	2,670	1,922	0.28015	0.71985	7,864	9,922	3.72	2.146
95	748	629	0.15909	0.84091	1,821	2,058	2.75	1.948
100	119	119	0.00000	1.00000	238	238	2.00	1.996
	Females							
0	100,000	16,678	0.83322	0.16678	89,159	4,415,430	44.15	0.350
1	83,322	10,429	0.87483	0.12517	305,611	4,326,274	51.92	1.346
5	72,893	2,269	0.96887	0.03113	357,758	4,020,663	55.16	2.044
10	70,624	1,454	0.97941	0.02059	349,616	3,662,905	51.86	2.590
15	69,170	2,024	0.97074	0.02926	341,053	3,313,289	47.90	2.630
20	67,146	2,539	0.96219	0.03781	329,523	2,972,236	44.27	2.555
25	64,607	2,734	0.95768	0.04232	316,220	2,642,713	40.90	2.507
30	61,873	2,709	0.95622	0.04378	302,561	2,326,493	37.60	2.488
35	59,164	2,630	0.95555	0.04445	289,224	2,023,932	34.21	2.492
40	56,534	2,638	0.95334	0.04666	276,109	1,734,708	30.68	2.513
45	53,896	2,832	0.94745	0.05255	262,527	1,458,599	27.06	2.545
50	51,064	3,288	0.93561	0.06439	247,345	1,196,072	23.42	2.575
55	47,776	4,075	0.91471	0.08529	229,078	948,727	19.86	2.594
60	43,701	5,202	0.88096	0.11904	206,013	719,649	16.47	2.599
65	38,499	6,570	0.82935	0.17065	176,633	513,636	13.34	2.586
70	31,929	7,837	0.75455	0.24545	140,469	337,003	10.55	2.553
75	24,092	8,374	0.65242	0.34758	99,496	196,534	8.16	2.497
80	15,718	7,488	0.52360	0.47640	59,182	97,038	6.17	2.408
85	8,230	5,117	0.37825	0.62175	27,194	37,856	4.60	2.273
90	3,113	2,356	0.24317	0.75683	8,717	10,663	3.43	2.093
95	757	654	0.13606	0.86394	1,744	1,946	2.57	1.879
100	103	103	0.00000	1.00000	202	202	1.96	1.956

5.2 *Abridged Table*, Quebec, Cohort 1871

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	18,796	0.81204	0.18796	87,407	4,297,584	42.98	0.330
1	81,204	10,110	0.87550	0.12450	297,732	4,210,183	51.85	1.321
5	71,094	2,092	0.97057	0.02943	349,300	3,912,451	55.03	2.051
10	69,002	1,331	0.98071	0.01929	341,770	3,563,151	51.64	2.565
15	67,671	1,764	0.97393	0.02607	334,159	3,221,381	47.60	2.621
20	65,907	2,232	0.96613	0.03387	324,105	2,887,222	43.81	2.567
25	63,675	2,505	0.96066	0.03934	312,185	2,563,117	40.25	2.529
30	61,170	2,623	0.95712	0.04288	299,320	2,250,932	36.80	2.510
35	58,547	2,683	0.95417	0.04583	286,053	1,951,612	33.33	2.509
40	55,864	2,787	0.95011	0.04989	272,415	1,665,559	29.81	2.522
45	53,077	3,031	0.94289	0.05711	257,943	1,393,144	26.25	2.545
50	50,046	3,497	0.93012	0.06988	241,728	1,135,201	22.68	2.569
55	46,549	4,263	0.90842	0.09158	222,460	893,473	19.19	2.587
60	42,286	5,356	0.87334	0.12666	198,538	671,013	15.87	2.593
65	36,930	6,683	0.81904	0.18096	168,489	472,475	12.79	2.582
70	30,247	7,883	0.73938	0.26062	131,907	303,986	10.05	2.548
75	22,364	8,281	0.62972	0.37028	91,011	172,079	7.69	2.487
80	14,083	7,154	0.49201	0.50799	51,734	81,068	5.76	2.389
85	6,929	4,570	0.34045	0.65955	22,027	29,334	4.23	2.239
90	2,359	1,881	0.20263	0.79737	6,220	7,307	3.10	2.036
95	478	430	0.10042	0.89958	1,006	1,087	2.27	1.781
100	48	48	0.00000	1.00000	81	81	1.69	1.688
	Females							
0	100,000	16,574	0.83426	0.16574	89,227	4,526,619	45.27	0.350
1	83,426	10,228	0.87740	0.12260	306,475	4,437,396	53.19	1.338
5	73,198	2,202	0.96992	0.03008	359,530	4,130,921	56.43	2.066
10	70,996	1,492	0.97898	0.02102	351,378	3,771,391	53.12	2.586
15	69,504	1,982	0.97148	0.02852	342,781	3,420,013	49.21	2.609
20	67,522	2,393	0.96456	0.03544	331,738	3,077,232	45.57	2.546
25	65,129	2,538	0.96103	0.03897	319,315	2,745,494	42.15	2.506
30	62,591	2,512	0.95987	0.04013	306,648	2,426,179	38.76	2.489
35	60,079	2,452	0.95919	0.04081	294,249	2,119,531	35.28	2.493
40	57,627	2,464	0.95724	0.04276	282,005	1,825,282	31.67	2.512
45	55,163	2,641	0.95212	0.04788	269,328	1,543,277	27.98	2.544
50	52,522	3,065	0.94164	0.05836	255,177	1,273,949	24.26	2.575
55	49,457	3,813	0.92290	0.07710	238,125	1,018,772	20.60	2.598
60	45,644	4,934	0.89190	0.10810	216,408	780,647	17.10	2.606
65	40,710	6,377	0.84336	0.15664	188,224	564,239	13.86	2.597
70	34,333	7,855	0.77121	0.22879	152,562	376,015	10.95	2.568
75	26,478	8,735	0.67010	0.32990	110,675	223,453	8.44	2.514
80	17,743	8,172	0.53942	0.46058	67,689	112,778	6.36	2.427
85	9,571	5,831	0.39076	0.60924	32,067	45,089	4.71	2.292
90	3,740	2,804	0.25027	0.74973	10,593	13,022	3.48	2.109
95	936	806	0.13889	0.86111	2,171	2,429	2.60	1.887
100	130	130	0.00000	1.00000	258	258	1.98	1.985

5.2 *Abridged Table*, Quebec, Cohort 1881

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	17,340	0.82660	0.17340	88,382	4,554,454	45.54	0.330
1	82,660	9,175	0.88900	0.11100	306,421	4,466,076	54.03	1.360
5	73,485	2,156	0.97066	0.02934	361,058	4,159,655	56.61	2.047
10	71,329	1,252	0.98245	0.01755	353,581	3,798,597	53.25	2.553
15	70,077	1,754	0.97497	0.02503	346,267	3,445,016	49.16	2.652
20	68,323	2,290	0.96648	0.03352	336,035	3,098,749	45.35	2.563
25	66,033	2,459	0.96276	0.03724	324,020	2,762,714	41.84	2.501
30	63,574	2,381	0.96255	0.03745	311,867	2,438,694	38.36	2.479
35	61,193	2,275	0.96282	0.03718	300,253	2,126,827	34.76	2.489
40	58,918	2,306	0.96086	0.03914	288,880	1,826,574	31.00	2.524
45	56,612	2,583	0.95437	0.04563	276,775	1,537,694	27.16	2.567
50	54,029	3,191	0.94094	0.05906	262,485	1,260,919	23.34	2.599
55	50,838	4,188	0.91762	0.08238	244,200	998,434	19.64	2.615
60	46,650	5,572	0.88056	0.11944	219,943	754,234	16.17	2.612
65	41,078	7,205	0.82460	0.17540	188,039	534,291	13.01	2.592
70	33,873	8,652	0.74458	0.25542	148,191	346,252	10.22	2.553
75	25,221	9,160	0.63681	0.36319	103,111	198,061	7.85	2.490
80	16,061	7,978	0.50327	0.49673	59,511	94,950	5.91	2.394
85	8,083	5,199	0.35680	0.64320	26,127	35,439	4.38	2.252
90	2,884	2,251	0.21949	0.78051	7,812	9,312	3.23	2.064
95	633	562	0.11216	0.88784	1,379	1,501	2.37	1.822
100	71	71	0.00000	1.00000	122	122	1.71	1.711
	Females							
0	100,000	15,123	0.84877	0.15123	90,170	4,808,147	48.08	0.350
1	84,877	9,336	0.89001	0.10999	314,892	4,717,979	55.59	1.363
5	75,541	2,208	0.97077	0.02923	371,249	4,403,087	58.29	2.076
10	73,333	1,436	0.98042	0.01958	363,170	4,031,838	54.98	2.566
15	71,897	1,880	0.97385	0.02615	354,990	3,668,668	51.03	2.609
20	70,017	2,270	0.96758	0.03242	344,513	3,313,678	47.33	2.545
25	67,747	2,396	0.96463	0.03537	332,749	2,969,165	43.83	2.502
30	65,351	2,346	0.96410	0.03590	320,855	2,636,416	40.34	2.485
35	63,005	2,269	0.96399	0.03601	309,330	2,315,561	36.75	2.490
40	60,736	2,278	0.96249	0.03751	298,015	2,006,231	33.03	2.513
45	58,458	2,457	0.95797	0.04203	286,265	1,708,216	29.22	2.548
50	56,001	2,894	0.94832	0.05168	273,007	1,421,951	25.39	2.582
55	53,107	3,661	0.93106	0.06894	256,766	1,148,944	21.63	2.605
60	49,446	4,814	0.90264	0.09736	235,735	892,178	18.04	2.612
65	44,632	6,322	0.85835	0.14165	208,009	656,443	14.71	2.603
70	38,310	7,946	0.79259	0.20741	172,301	448,434	11.71	2.578
75	30,364	9,109	0.70001	0.29999	129,315	276,133	9.09	2.529
80	21,255	8,957	0.57859	0.42141	83,458	146,818	6.91	2.453
85	12,298	6,947	0.43511	0.56489	42,970	63,360	5.15	2.334
90	5,351	3,796	0.29060	0.70940	16,009	20,391	3.81	2.169
95	1,555	1,295	0.16720	0.83280	3,839	4,382	2.82	1.960
100	260	260	0.00000	1.00000	543	543	2.09	2.088

5.2 *Abridged Table*, Quebec, Cohort 1891

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	16,463	0.83537	0.16463	88,970	4,764,683	47.65	0.330
1	83,537	8,461	0.89872	0.10128	311,831	4,675,720	55.97	1.362
5	75,076	2,012	0.97320	0.02680	369,428	4,363,889	58.13	2.042
10	73,064	1,131	0.98452	0.01548	362,570	3,994,461	54.67	2.568
15	71,933	1,729	0.97596	0.02404	355,650	3,631,891	50.49	2.678
20	70,204	2,224	0.96832	0.03168	345,531	3,276,241	46.67	2.532
25	67,980	2,147	0.96842	0.03158	334,427	2,930,710	43.11	2.451
30	65,833	1,872	0.97156	0.02844	324,390	2,596,283	39.44	2.449
35	63,961	1,753	0.97259	0.02741	315,428	2,271,893	35.52	2.503
40	62,208	1,927	0.96902	0.03098	306,359	1,956,465	31.45	2.571
45	60,281	2,437	0.95957	0.04043	295,589	1,650,106	27.37	2.613
50	57,844	3,307	0.94283	0.05717	281,375	1,354,517	23.42	2.628
55	54,537	4,546	0.91664	0.08336	261,888	1,073,142	19.68	2.625
60	49,991	6,109	0.87780	0.12220	235,358	811,254	16.23	2.610
65	43,882	7,804	0.82216	0.17784	200,558	575,896	13.12	2.584
70	36,078	9,185	0.74541	0.25459	157,834	375,338	10.40	2.544
75	26,893	9,553	0.64478	0.35522	110,434	217,504	8.09	2.484
80	17,340	8,299	0.52140	0.47860	65,101	107,070	6.17	2.397
85	9,041	5,572	0.38370	0.61630	30,020	41,969	4.64	2.275
90	3,469	2,613	0.24676	0.75324	9,784	11,949	3.44	2.106
95	856	744	0.13084	0.86916	1,959	2,165	2.53	1.880
100	112	112	0.00000	1.00000	206	206	1.84	1.839
	Females							
0	100,000	14,250	0.85750	0.14250	90,738	5,109,999	51.10	0.350
1	85,750	8,759	0.89785	0.10215	319,751	5,019,265	58.53	1.346
5	76,991	1,949	0.97469	0.02531	379,248	4,699,514	61.04	2.072
10	75,042	1,323	0.98237	0.01763	372,018	4,320,266	57.57	2.587
15	73,719	1,755	0.97619	0.02381	364,391	3,948,248	53.56	2.604
20	71,964	2,078	0.97112	0.02888	354,698	3,583,857	49.80	2.535
25	69,886	2,144	0.96932	0.03068	344,057	3,229,159	46.21	2.494
30	67,742	2,074	0.96938	0.03062	333,487	2,885,102	42.59	2.482
35	65,668	1,999	0.96956	0.03044	323,326	2,551,615	38.86	2.491
40	63,669	2,020	0.96827	0.03173	313,332	2,228,289	35.00	2.518
45	61,649	2,214	0.96409	0.03591	302,832	1,914,957	31.06	2.555
50	59,435	2,647	0.95546	0.04454	290,788	1,612,125	27.12	2.587
55	56,788	3,390	0.94030	0.05970	275,830	1,321,337	23.27	2.608
60	53,398	4,497	0.91578	0.08422	256,266	1,045,507	19.58	2.615
65	48,901	5,958	0.87816	0.12184	230,253	789,241	16.14	2.608
70	42,943	7,617	0.82263	0.17737	196,332	558,988	13.02	2.587
75	35,326	9,036	0.74421	0.25579	154,474	362,656	10.27	2.548
80	26,290	9,480	0.63941	0.36059	107,626	208,182	7.92	2.487
85	16,810	8,249	0.50928	0.49072	62,557	100,556	5.98	2.394
90	8,561	5,445	0.36398	0.63602	27,895	38,000	4.44	2.262
95	3,116	2,425	0.22176	0.77824	8,487	10,105	3.24	2.075
100	691	691	0.00000	1.00000	1,619	1,619	2.34	2.342

5.2 *Abridged Table*, Quebec, Cohort 1901

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	15,547	0.84453	0.15547	89,584	5,041,772	50.42	0.330
1	84,453	7,640	0.90954	0.09046	317,557	4,952,193	58.64	1.349
5	76,813	1,758	0.97711	0.02289	378,862	4,634,636	60.34	2.040
10	75,055	1,047	0.98605	0.01395	372,769	4,255,774	56.70	2.606
15	74,008	1,560	0.97892	0.02108	366,337	3,883,005	52.47	2.626
20	72,448	1,712	0.97637	0.02363	357,897	3,516,668	48.54	2.463
25	70,736	1,453	0.97946	0.02054	349,936	3,158,771	44.66	2.423
30	69,283	1,281	0.98151	0.01849	343,195	2,808,835	40.54	2.486
35	68,002	1,393	0.97952	0.02048	336,633	2,465,640	36.26	2.575
40	66,609	1,798	0.97301	0.02699	328,769	2,129,007	31.96	2.622
45	64,811	2,493	0.96153	0.03847	318,158	1,800,238	27.78	2.634
50	62,318	3,499	0.94385	0.05615	303,310	1,482,080	23.78	2.633
55	58,819	4,838	0.91775	0.08225	282,601	1,178,770	20.04	2.624
60	53,981	6,466	0.88022	0.11978	254,433	896,169	16.60	2.607
65	47,515	8,202	0.82738	0.17262	217,741	641,736	13.51	2.582
70	39,313	9,620	0.75530	0.24470	172,941	423,995	10.79	2.544
75	29,693	10,063	0.66110	0.33890	123,202	251,054	8.45	2.489
80	19,630	8,927	0.54524	0.45476	75,031	127,852	6.51	2.410
85	10,703	6,278	0.41344	0.58656	36,567	52,821	4.94	2.300
90	4,425	3,206	0.27548	0.72452	12,980	16,254	3.67	2.148
95	1,219	1,035	0.15094	0.84906	2,921	3,274	2.69	1.933
100	184	184	0.00000	1.00000	353	353	1.92	1.918
	Females							
0	100,000	13,446	0.86554	0.13446	91,260	5,519,050	55.19	0.350
1	86,554	7,658	0.91152	0.08848	325,907	5,427,795	62.71	1.348
5	78,896	1,735	0.97801	0.02199	389,389	5,101,888	64.67	2.065
10	77,161	1,145	0.98516	0.01484	383,041	4,712,499	61.07	2.586
15	76,016	1,545	0.97968	0.02032	376,387	4,329,458	56.95	2.609
20	74,471	1,838	0.97532	0.02468	367,817	3,953,071	53.08	2.531
25	72,633	1,866	0.97431	0.02569	358,473	3,585,254	49.36	2.486
30	70,767	1,760	0.97513	0.02487	349,385	3,226,781	45.60	2.472
35	69,007	1,658	0.97597	0.02403	340,866	2,877,396	41.70	2.486
40	67,349	1,659	0.97537	0.02463	332,628	2,536,530	37.66	2.518
45	65,690	1,830	0.97214	0.02786	323,985	2,203,902	33.55	2.560
50	63,860	2,231	0.96506	0.03494	313,935	1,879,917	29.44	2.595
55	61,629	2,925	0.95254	0.04746	301,178	1,565,982	25.41	2.618
60	58,704	3,974	0.93230	0.06770	284,080	1,264,804	21.55	2.625
65	54,730	5,411	0.90113	0.09887	260,773	980,724	17.92	2.620
70	49,319	7,159	0.85484	0.14516	229,433	719,951	14.60	2.603
75	42,160	8,913	0.78859	0.21141	189,154	490,518	11.63	2.571
80	33,247	10,040	0.69802	0.30198	141,351	301,364	9.06	2.522
85	23,207	9,739	0.58034	0.41966	91,198	160,013	6.90	2.450
90	13,468	7,590	0.43644	0.56356	47,164	68,815	5.11	2.342
95	5,878	4,239	0.27884	0.72116	17,418	21,651	3.68	2.176
100	1,639	1,639	0.00000	1.00000	4,234	4,234	2.58	2.583

5.2 *Abridged Table*, Quebec, Cohort 1911

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	13,028	0.86972	0.13028	91,271	5,512,680	55.13	0.330
1	86,972	6,003	0.93098	0.06902	332,090	5,421,414	62.34	1.368
5	80,969	1,506	0.98140	0.01860	400,429	5,089,324	62.86	2.068
10	79,463	868	0.98908	0.01092	395,187	4,688,895	59.01	2.548
15	78,595	1,187	0.98490	0.01510	390,149	4,293,708	54.63	2.619
20	77,408	1,324	0.98290	0.01710	383,702	3,903,559	50.43	2.479
25	76,084	1,175	0.98456	0.01544	377,415	3,519,857	46.26	2.442
30	74,909	1,089	0.98546	0.01454	371,828	3,142,442	41.95	2.505
35	73,820	1,224	0.98342	0.01658	366,145	2,770,614	37.53	2.586
40	72,596	1,624	0.97763	0.02237	359,135	2,404,469	33.12	2.632
45	70,972	2,305	0.96752	0.03248	349,433	2,045,334	28.82	2.645
50	68,667	3,320	0.95165	0.04835	335,517	1,695,901	24.70	2.645
55	65,347	4,723	0.92772	0.07228	315,572	1,360,384	20.82	2.636
60	60,624	6,517	0.89250	0.10750	287,614	1,044,812	17.23	2.621
65	54,107	8,561	0.84178	0.15822	249,962	757,198	13.99	2.597
70	45,546	10,433	0.77093	0.22907	202,279	507,236	11.14	2.560
75	35,113	11,368	0.67625	0.32375	147,215	304,957	8.69	2.506
80	23,745	10,511	0.55734	0.44266	91,677	157,742	6.64	2.427
85	13,234	7,673	0.42021	0.57979	45,558	66,065	4.99	2.314
90	5,561	4,019	0.27729	0.72271	16,373	20,508	3.69	2.155
95	1,542	1,311	0.14981	0.85019	3,691	4,135	2.68	1.934
100	231	231	0.00000	1.00000	445	445	1.92	1.924
	Females							
0	100,000	11,064	0.88936	0.11064	92,808	6,147,341	61.47	0.350
1	88,936	6,000	0.93254	0.06746	339,844	6,054,537	68.08	1.350
5	82,936	1,385	0.98330	0.01670	410,623	5,714,693	68.90	2.070
10	81,551	957	0.98827	0.01173	405,473	5,304,070	65.04	2.615
15	80,594	1,328	0.98352	0.01648	399,786	4,898,597	60.78	2.602
20	79,266	1,498	0.98110	0.01890	392,585	4,498,811	56.76	2.500
25	77,768	1,399	0.98201	0.01799	385,275	4,106,226	52.80	2.451
30	76,369	1,233	0.98385	0.01615	378,705	3,720,951	48.72	2.453
35	75,136	1,148	0.98472	0.01528	372,802	3,342,246	44.48	2.493
40	73,988	1,210	0.98365	0.01635	366,975	2,969,444	40.13	2.550
45	72,778	1,461	0.97993	0.02007	360,379	2,602,469	35.76	2.597
50	71,317	1,942	0.97277	0.02723	351,973	2,242,090	31.44	2.625
55	69,375	2,703	0.96104	0.03896	340,486	1,890,117	27.24	2.636
60	66,672	3,805	0.94293	0.05707	324,363	1,549,631	23.24	2.635
65	62,867	5,285	0.91593	0.08407	301,792	1,225,268	19.49	2.627
70	57,582	7,110	0.87652	0.12348	270,916	923,476	16.04	2.610
75	50,472	9,060	0.82049	0.17951	230,461	652,560	12.93	2.583
80	41,412	10,616	0.74365	0.25635	180,970	422,099	10.19	2.542
85	30,796	11,046	0.64132	0.35868	126,239	241,129	7.83	2.489
90	19,750	9,772	0.50522	0.49478	73,405	114,890	5.82	2.406
95	9,978	6,595	0.33905	0.66095	31,849	41,485	4.16	2.264
100	3,383	3,383	0.00000	1.00000	9,637	9,637	2.85	2.849

5.2 *Abridged Table*, Quebec, Cohort 1921

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	12,023	0.87977	0.12023	91,945	5,887,723	58.88	0.330
1	87,977	4,478	0.94910	0.05090	340,254	5,795,783	65.88	1.397
5	83,499	1,285	0.98461	0.01539	413,782	5,455,529	65.34	2.110
10	82,214	680	0.99173	0.00827	409,332	5,041,747	61.32	2.444
15	81,534	921	0.98870	0.01130	405,531	4,632,415	56.82	2.677
20	80,613	1,062	0.98683	0.01317	400,354	4,226,884	52.43	2.447
25	79,551	858	0.98921	0.01079	395,542	3,826,530	48.10	2.421
30	78,693	830	0.98945	0.01055	391,436	3,430,988	43.60	2.555
35	77,863	1,064	0.98633	0.01367	386,793	3,039,552	39.04	2.630
40	76,799	1,513	0.98030	0.01970	380,436	2,652,759	34.54	2.647
45	75,286	2,198	0.97080	0.02920	371,264	2,272,323	30.18	2.650
50	73,088	3,177	0.95653	0.04347	357,956	1,901,059	26.01	2.644
55	69,911	4,520	0.93535	0.06465	338,870	1,543,103	22.07	2.636
60	65,391	6,252	0.90439	0.09561	312,091	1,204,233	18.42	2.623
65	59,139	8,287	0.85987	0.14013	275,821	892,142	15.09	2.602
70	50,852	10,299	0.79747	0.20253	229,242	616,321	12.12	2.571
75	40,553	11,633	0.71314	0.28686	173,969	387,079	9.54	2.525
80	28,920	11,421	0.60508	0.39492	115,556	213,110	7.37	2.457
85	17,499	9,178	0.47551	0.52449	63,289	97,554	5.57	2.363
90	8,321	5,578	0.32965	0.67035	26,131	34,265	4.12	2.226
95	2,743	2,232	0.18629	0.81371	7,069	8,134	2.97	2.022
100	511	511	0.00000	1.00000	1,065	1,065	2.08	2.083
	Females							
0	100,000	10,040	0.89960	0.10040	93,474	6,701,359	67.01	0.350
1	89,960	4,274	0.95249	0.04751	348,673	6,607,888	73.45	1.387
5	85,686	1,162	0.98644	0.01356	425,049	6,259,215	73.05	2.090
10	84,524	698	0.99174	0.00826	420,916	5,834,166	69.02	2.559
15	83,826	955	0.98861	0.01139	416,844	5,413,250	64.58	2.606
20	82,871	990	0.98805	0.01195	411,814	4,996,406	60.29	2.433
25	81,881	777	0.99051	0.00949	407,377	4,584,592	55.99	2.389
30	81,104	642	0.99208	0.00792	403,894	4,177,215	51.50	2.467
35	80,462	676	0.99160	0.00840	400,667	3,773,321	46.90	2.570
40	79,786	873	0.98906	0.01094	396,858	3,372,654	42.27	2.626
45	78,913	1,228	0.98444	0.01556	391,671	2,975,796	37.71	2.643
50	77,685	1,767	0.97725	0.02275	384,265	2,584,125	33.26	2.645
55	75,918	2,543	0.96650	0.03350	373,598	2,199,860	28.98	2.644
60	73,375	3,621	0.95065	0.04935	358,323	1,826,262	24.89	2.638
65	69,754	5,054	0.92755	0.07245	336,782	1,467,939	21.04	2.628
70	64,700	6,838	0.89431	0.10569	307,178	1,131,157	17.48	2.613
75	57,862	8,834	0.84733	0.15267	268,028	823,979	14.24	2.591
80	49,028	10,656	0.78265	0.21735	219,119	555,951	11.34	2.558
85	38,372	11,735	0.69418	0.30582	162,750	336,832	8.78	2.519
90	26,637	11,509	0.56793	0.43207	103,947	174,083	6.54	2.460
95	15,128	9,109	0.39787	0.60213	51,414	70,136	4.64	2.340
100	6,019	6,019	0.00000	1.00000	18,723	18,723	3.11	3.111

5.2 *Abridged Table*, Quebec, Cohort 1931

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	11,040	0.88960	0.11040	92,603	6,271,271	62.71	0.330
1	88,960	3,317	0.96271	0.03729	347,196	6,178,673	69.45	1.394
5	85,643	967	0.98871	0.01129	425,437	5,831,477	68.09	2.127
10	84,676	525	0.99380	0.00620	422,031	5,406,040	63.84	2.430
15	84,151	690	0.99180	0.00820	419,148	4,984,009	59.23	2.671
20	83,461	751	0.99100	0.00900	415,368	4,564,861	54.69	2.420
25	82,710	624	0.99246	0.00754	411,972	4,149,493	50.17	2.471
30	82,086	702	0.99145	0.00855	408,750	3,737,521	45.53	2.607
35	81,384	966	0.98813	0.01187	404,642	3,328,771	40.90	2.642
40	80,418	1,392	0.98269	0.01731	398,815	2,924,129	36.36	2.647
45	79,026	2,019	0.97445	0.02555	390,382	2,525,314	31.96	2.648
50	77,007	2,909	0.96222	0.03778	378,180	2,134,932	27.72	2.643
55	74,098	4,136	0.94418	0.05582	360,717	1,756,752	23.71	2.637
60	69,962	5,746	0.91787	0.08213	336,165	1,396,035	19.95	2.625
65	64,216	7,705	0.88001	0.11999	302,651	1,059,870	16.50	2.608
70	56,511	9,791	0.82674	0.17326	258,887	757,219	13.40	2.583
75	46,720	11,493	0.75400	0.24600	205,379	498,332	10.67	2.544
80	35,227	12,020	0.65878	0.34122	145,951	292,953	8.32	2.489
85	23,207	10,682	0.53971	0.46029	88,412	147,002	6.33	2.414
90	12,525	7,591	0.39393	0.60607	42,147	58,590	4.68	2.302
95	4,934	3,775	0.23490	0.76510	13,795	16,443	3.33	2.119
100	1,159	1,159	0.00000	1.00000	2,649	2,649	2.29	2.285
	Females							
0	100,000	9,017	0.90983	0.09017	93,688	7,175,184	71.75	0.300
1	90,983	2,844	0.96874	0.03126	356,599	7,081,499	77.83	1.422
5	88,139	897	0.98982	0.01018	438,130	6,724,900	76.30	2.140
10	87,242	452	0.99482	0.00518	434,997	6,286,770	72.06	2.316
15	86,790	567	0.99347	0.00653	432,709	5,851,773	67.42	2.810
20	86,223	384	0.99555	0.00445	430,036	5,419,064	62.85	2.190
25	85,839	332	0.99613	0.00387	428,391	4,989,028	58.12	2.578
30	85,507	420	0.99509	0.00491	426,532	4,560,637	53.34	2.612
35	85,087	567	0.99334	0.00666	424,091	4,134,105	48.59	2.629
40	84,520	797	0.99057	0.00943	420,720	3,710,014	43.90	2.641
45	83,723	1,140	0.98638	0.01362	415,931	3,289,294	39.29	2.646
50	82,583	1,640	0.98014	0.01986	409,052	2,873,363	34.79	2.645
55	80,943	2,354	0.97092	0.02908	399,165	2,464,311	30.44	2.642
60	78,589	3,347	0.95741	0.04259	385,040	2,065,146	26.28	2.638
65	75,242	4,682	0.93777	0.06223	365,113	1,680,106	22.33	2.630
70	70,560	6,383	0.90954	0.09046	337,594	1,314,993	18.64	2.618
75	64,177	8,375	0.86950	0.13050	300,778	977,399	15.23	2.599
80	55,802	10,458	0.81259	0.18741	253,708	676,621	12.13	2.581
85	45,344	12,404	0.72645	0.27355	196,370	422,913	9.33	2.553
90	32,940	13,244	0.59794	0.40206	131,506	226,543	6.88	2.494
95	19,696	11,405	0.42095	0.57905	68,534	95,037	4.83	2.374
100	8,291	8,291	0.00000	1.00000	26,504	26,504	3.20	3.197

5.2 *Abridged Table*, Quebec, Cohort 1941

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	7,582	0.92418	0.07582	94,693	6,855,217	68.55	0.300
1	92,418	1,858	0.97990	0.02010	364,852	6,760,525	73.15	1.406
5	90,560	584	0.99355	0.00645	451,141	6,395,673	70.62	2.159
10	89,976	372	0.99587	0.00413	448,961	5,944,532	66.07	2.530
15	89,604	554	0.99382	0.00618	446,746	5,495,571	61.33	2.700
20	89,050	748	0.99160	0.00840	443,411	5,048,825	56.70	2.541
25	88,302	749	0.99152	0.00848	439,620	4,605,414	52.16	2.476
30	87,553	730	0.99166	0.00834	435,955	4,165,794	47.58	2.521
35	86,823	851	0.99020	0.00980	432,071	3,729,839	42.96	2.598
40	85,972	1,154	0.98658	0.01342	427,137	3,297,768	38.36	2.640
45	84,818	1,672	0.98029	0.01971	420,167	2,870,631	33.84	2.654
50	83,146	2,460	0.97041	0.02959	409,957	2,450,464	29.47	2.653
55	80,686	3,602	0.95536	0.04464	394,963	2,040,507	25.29	2.649
60	77,084	5,180	0.93280	0.06720	373,197	1,645,544	21.35	2.640
65	71,904	7,228	0.89948	0.10052	342,356	1,272,347	17.70	2.625
70	64,676	9,624	0.85120	0.14880	300,308	929,991	14.38	2.603
75	55,052	11,932	0.78326	0.21674	246,244	629,683	11.44	2.568
80	43,120	13,304	0.69147	0.30853	182,560	383,439	8.89	2.517
85	29,816	12,737	0.57281	0.42719	116,554	200,879	6.74	2.446
90	17,079	9,855	0.42298	0.57702	59,165	84,326	4.94	2.338
95	7,224	5,383	0.25484	0.74516	20,818	25,161	3.48	2.157
100	1,841	1,841	0.00000	1.00000	4,344	4,344	2.36	2.359
	Females							
0	100,000	5,965	0.94035	0.05965	95,825	7,750,648	77.51	0.300
1	94,035	1,579	0.98321	0.01679	371,995	7,654,827	81.40	1.375
5	92,456	447	0.99517	0.00483	460,998	7,282,832	78.77	2.131
10	92,009	248	0.99730	0.00270	459,399	6,821,834	74.14	2.395
15	91,761	228	0.99752	0.00248	458,240	6,362,435	69.34	2.522
20	91,533	258	0.99718	0.00282	457,038	5,904,195	64.50	2.570
25	91,275	315	0.99655	0.00345	455,614	5,447,157	59.68	2.583
30	90,960	393	0.99568	0.00432	453,856	4,991,543	54.88	2.597
35	90,567	506	0.99441	0.00559	451,623	4,537,687	50.10	2.605
40	90,061	670	0.99256	0.00744	448,708	4,086,064	45.37	2.616
45	89,391	920	0.98971	0.01029	444,776	3,637,356	40.69	2.632
50	88,471	1,303	0.98527	0.01473	439,285	3,192,580	36.09	2.644
55	87,168	1,894	0.97827	0.02173	431,396	2,753,295	31.59	2.654
60	85,274	2,798	0.96719	0.03281	419,815	2,321,899	27.23	2.657
65	82,476	4,145	0.94974	0.05026	402,665	1,902,084	23.06	2.656
70	78,331	6,070	0.92251	0.07749	377,379	1,499,419	19.14	2.648
75	72,261	8,620	0.88071	0.11929	340,887	1,122,040	15.53	2.631
80	63,641	11,572	0.81817	0.18183	290,462	781,153	12.27	2.603
85	52,069	14,135	0.72853	0.27147	225,793	490,691	9.42	2.556
90	37,934	15,005	0.60444	0.39556	152,036	264,898	6.98	2.492
95	22,929	13,025	0.43194	0.56806	80,558	112,863	4.92	2.383
100	9,904	9,904	0.00000	1.00000	32,305	32,305	3.26	3.262

5.3 *Truncated Tables,* Canada, Cohorts 1946, 1951, 1956 and 1961

Age	l_x	$_nd_x$	$_nq_x$	Age	l_x	$_nd_x$	$_nq_x$
Males				Females			
1946							
0	100,000	5,064	0.05064	0	100,000	4,033	0.04033
1	94,936	962	0.01014	1	95,967	814	0.00848
5	93,974	396	0.00422	5	95,153	270	0.00284
10	93,578	281	0.00300	10	94,883	167	0.00177
15	93,297	571	0.00612	15	94,716	235	0.00249
20	92,726	855	0.00922	20	94,481	265	0.00281
25	91,871	675	0.00735	25	94,216	282	0.00299
30	91,196	660	0.00724	30	93,934	330	0.00351
35	90,536	765	0.00845	35	93,604	429	0.00458
40	89,771	1,025	0.01142	40	93,175	625	0.00670
45	88,746	…	…	45	92,550	…	…
1951							
0	100,000	4,206	0.04206	0	100,000	3,357	0.03357
1	95,794	705	0.00736	1	96,643	584	0.00605
5	95,089	320	0.00337	5	96,059	207	0.00215
10	94,769	263	0.00277	10	95,852	148	0.00154
15	94,506	643	0.00680	15	95,704	255	0.00266
20	93,863	870	0.00927	20	95,449	263	0.00276
25	92,993	663	0.00713	25	95,186	259	0.00273
30	92,330	622	0.00674	30	94,927	288	0.00303
35	91,708	705	0.00769	35	94,639	387	0.00409
40	91,003	…	…	40	94,252	…	…
1956							
0	100,000	3,345	0.03345	0	100,000	2,684	0.02684
1	96,655	549	0.00569	1	97,316	453	0.00465
5	96,106	292	0.00304	5	96,863	193	0.00200
10	95,814	253	0.00265	10	96,670	152	0.00157
15	95,561	708	0.00741	15	96,518	262	0.00272
20	94,853	813	0.00858	20	96,256	241	0.00251
25	94,040	625	0.00664	25	96,015	235	0.00244
30	93,415	592	0.00634	30	95,780	265	0.00276
35	92,823	…	…	35	95,515	…	…
1961							
0	100,000	2,950	0.02950	0	100,000	2,315	0.02315
1	97,050	447	0.00461	1	97,685	357	0.00366
5	96,603	273	0.00283	5	97,328	185	0.00190
10	96,330	228	0.00237	10	97,143	141	0.00146
15	96,102	669	0.00697	15	97,002	237	0.00244
20	95,433	697	0.00731	20	96,765	211	0.00218
25	94,736	593	0.00626	25	96,554	198	0.00205
30	94,143	…	…	30	96,356	…	…

5.3 *Truncated Tables,* Canada, Cohorts 1966, 1971, 1976, 1981, 1986 and 1991

Age	l_x	$_nd_x$	$_nq_x$	Age	l_x	$_nd_x$	$_nq_x$
Males				Females			
1966							
0	100,000	2,496	0.02496	0	100,000	1,996	0.01996
1	97,504	393	0.00403	1	98,004	311	0.00318
5	97,111	244	0.00252	5	97,693	163	0.00167
10	96,867	198	0.00204	10	97,530	121	0.00124
15	96,669	554	0.00573	15	97,409	205	0.00210
20	96,115	626	0.00651	20	97,204	192	0.00198
25	95,489	…	…	25	97,012	…	…
1971							
0	100,000	1,956	0.01956	0	100,000	1,517	0.01517
1	98,044	340	0.00347	1	98,483	272	0.00277
5	97,704	196	0.00201	5	98,211	134	0.00136
10	97,508	173	0.00177	10	98,077	102	0.00104
15	97,335	444	0.00456	15	97,975	180	0.00184
20	96,891	…	…	20	97,795	…	…
1976							
0	100,000	1,412	0.01412	0	100,000	1,138	0.01138
1	98,588	274	0.00278	1	98,862	214	0.00216
5	98,314	135	0.00137	5	98,648	100	0.00101
10	98,179	148	0.00150	10	98,548	90	0.00091
15	98,031	…	…	15	98,458	…	…
1981							
0	100,000	1,069	0.01069	0	100,000	827	0.00827
1	98,931	214	0.00216	1	99,173	170	0.00171
5	98,717	99	0.00100	5	99,003	82	0.00082
10	98,618	…	…	10	98,921	…	…
1986							
0	100,000	858	0.00858	0	100,000	678	0.00678
1	99,142	171	0.00172	1	99,322	134	0.00134
5	98,971	…	…	5	99,188	…	…
1991							
0	100,000	691	0.00691	0	100,000	580	0.00580
1	99,309	…	…	1	99,420	…	…

5.4 *Truncated Tables,* Quebec, Cohorts 1946, 1951, 1956 and 1961

Age	l_x	$_nd_x$	$_nq_x$	Age	l_x	$_nd_x$	$_nq_x$
Males				Females			
1946							
0	100,000	6,104	0.06104	0	100,000	4,832	0.04832
1	93,896	1,151	0.01226	1	95,168	965	0.01014
5	92,745	468	0.00505	5	94,203	330	0.00350
10	92,277	302	0.00328	10	93,873	183	0.00195
15	91,975	537	0.00584	15	93,690	226	0.00241
20	91,438	891	0.00974	20	93,464	286	0.00306
25	90,547	713	0.00787	25	93,178	299	0.00321
30	89,834	717	0.00798	30	92,879	327	0.00352
35	89,117	826	0.00927	35	92,552	420	0.00453
40	88,291	1,053	0.01193	40	92,132	619	0.00672
45	87,238	…	…	45	91,513	…	…
1951							
0	100,000	5,290	0.05290	0	100,000	4,226	0.04226
1	94,710	811	0.00857	1	95,774	668	0.00698
5	93,899	391	0.00417	5	95,106	252	0.00265
10	93,508	288	0.00309	10	94,854	162	0.00171
15	93,220	613	0.00658	15	94,692	258	0.00272
20	92,607	914	0.00987	20	94,434	279	0.00296
25	91,693	694	0.00757	25	94,155	272	0.00289
30	90,999	670	0.00737	30	93,883	289	0.00307
35	90,329	786	0.00870	35	93,594	391	0.00418
40	89,543	…	…	40	93,203	…	…
1956							
0	100,000	4,133	0.04133	0	100,000	3,343	0.03343
1	95,867	623	0.00650	1	96,657	508	0.00526
5	95,244	363	0.00381	5	96,149	232	0.00242
10	94,881	280	0.00295	10	95,917	157	0.00164
15	94,601	700	0.00740	15	95,760	267	0.00279
20	93,901	824	0.00877	20	95,493	233	0.00244
25	93,077	637	0.00685	25	95,260	240	0.00252
30	92,440	669	0.00724	30	95,020	279	0.00293
35	91,771	…	…	35	94,741	…	…
1961							
0	100,000	3,381	0.03381	0	100,000	2,658	0.02658
1	96,619	510	0.00528	1	97,342	407	0.00419
5	96,109	334	0.00348	5	96,935	223	0.00230
10	95,775	255	0.00267	10	96,712	147	0.00152
15	95,520	651	0.00682	15	96,565	226	0.00234
20	94,869	703	0.00741	20	96,339	197	0.00205
25	94,166	610	0.00647	25	96,142	212	0.00221
30	93,556	…	…	30	95,930	…	…

5.4 *Truncated Tables*, Quebec, Cohorts 1966, 1971, 1976, 1981, 1986 and 1991

Age	l_x	$_nd_x$	$_nq_x$	Age	l_x	$_nd_x$	$_nq_x$
Males				Females			
1966							
0	100,000	2,706	0.02706	0	100,000	2,200	0.02200
1	97,294	431	0.00443	1	97,800	338	0.00346
5	96,863	302	0.00312	5	97,462	210	0.00215
10	96,561	215	0.00223	10	97,252	129	0.00133
15	96,346	549	0.00570	15	97,123	184	0.00190
20	95,797	627	0.00655	20	96,939	183	0.00189
25	95,170	…	…	25	96,756	…	…
1971							
0	100,000	2,079	0.02079	0	100,000	1,665	0.01665
1	97,921	389	0.00398	1	98,335	287	0.00292
5	97,532	239	0.00245	5	98,048	167	0.00170
10	97,293	183	0.00188	10	97,881	104	0.00106
15	97,110	476	0.00490	15	97,777	152	0.00156
20	96,634	…	…	20	97,625	…	…
1976							
0	100,000	1,449	0.01449	0	100,000	1,193	0.01193
1	98,551	304	0.00308	1	98,807	219	0.00222
5	98,247	154	0.00157	5	98,588	116	0.00118
10	98,093	162	0.00165	10	98,472	86	0.00087
15	97,931	…	…	15	98,386	…	…
1981							
0	100,000	980	0.00980	0	100,000	802	0.00802
1	99,020	208	0.00210	1	99,198	164	0.00166
5	98,812	113	0.00115	5	99,034	97	0.00098
10	98,699	…	…	10	98,937	…	…
1986							
0	100,000	802	0.00802	0	100,000	622	0.00622
1	99,198	166	0.00168	1	99,378	137	0.00138
5	99,032	…	…	5	99,241	…	…
1991							
0	100,000	653	0.00653	0	100,000	521	0.00521
1	99,347	…	…	1	99,479	…	…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Part 6

PERIOD LIFE TABLES

This part is devoted to abridged period life tables for Canada and Quebec from 1831 to 1921 at ten-year intervals. Current period life tables, for the period beginning in 1931, are available from the Health Statistics Division, Statistics Canada. The tables are presented in the order Canada and Quebec (males and females).

The order of presentation of the period life tables:

Section 6.1:

- Abridged period life tables for Canada from 1831 to 1921 (pages 72 to 81).

Section 6.2:

- Abridged period life tables for Quebec from 1831 to 1921 (pages 82 to 91).

6.1 *Abridged Period Table*, Canada, 1831

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	18,523	0.81477	0.18523	87,590	3,819,068	38.19	0.330
1	81,477	11,155	0.86309	0.13691	296,442	3,731,484	45.80	1.358
5	70,322	2,579	0.96333	0.03667	344,000	3,435,042	48.85	2.049
10	67,743	1,551	0.97710	0.02290	334,943	3,091,042	45.63	2.568
15	66,192	2,217	0.96651	0.03349	325,769	2,756,099	41.64	2.658
20	63,975	2,968	0.95361	0.04639	312,680	2,430,330	37.99	2.576
25	61,007	3,323	0.94553	0.05447	296,795	2,117,650	34.71	2.520
30	57,684	3,393	0.94118	0.05882	279,941	1,820,855	31.57	2.501
35	54,291	3,425	0.93691	0.06309	262,924	1,540,914	28.38	2.509
40	50,866	3,598	0.92927	0.07073	245,448	1,277,990	25.12	2.531
45	47,268	4,012	0.91512	0.08488	226,530	1,032,542	21.84	2.555
50	43,256	4,691	0.89155	0.10845	204,873	806,012	18.63	2.568
55	38,565	5,576	0.85541	0.14459	179,263	601,139	15.59	2.568
60	32,989	6,486	0.80339	0.19661	149,065	421,876	12.79	2.552
65	26,503	7,100	0.73211	0.26789	114,898	272,811	10.29	2.519
70	19,403	6,991	0.63969	0.36031	79,301	157,913	8.14	2.466
75	12,412	5,864	0.52755	0.47245	46,747	78,612	6.33	2.389
80	6,548	3,913	0.40241	0.59759	22,096	31,865	4.87	2.280
85	2,635	1,905	0.27704	0.72296	7,714	9,769	3.71	2.133
90	730	608	0.16712	0.83288	1,794	2,055	2.82	1.947
95	122	112	0.08197	0.91803	244	261	2.14	1.732
100	10	10	0.00000	1.00000	17	17	1.70	1.700
	Females							
0	100,000	16,225	0.83775	0.16225	89,454	3,975,144	39.75	0.350
1	83,775	11,412	0.86378	0.13622	305,259	3,885,696	46.38	1.385
5	72,363	2,827	0.96093	0.03907	353,553	3,580,437	49.48	2.077
10	69,536	1,887	0.97286	0.02714	343,131	3,226,884	46.41	2.589
15	67,649	2,637	0.96102	0.03898	332,002	2,883,753	42.63	2.632
20	65,012	3,318	0.94896	0.05104	316,947	2,551,751	39.25	2.555
25	61,694	3,544	0.94256	0.05744	299,622	2,234,804	36.22	2.503
30	58,150	3,465	0.94041	0.05959	282,025	1,935,182	33.28	2.482
35	54,685	3,315	0.93938	0.06062	265,087	1,653,157	30.23	2.485
40	51,370	3,270	0.93634	0.06366	248,695	1,388,070	27.02	2.506
45	48,100	3,452	0.92823	0.07177	232,000	1,139,375	23.69	2.538
50	44,648	3,933	0.91191	0.08809	213,666	907,375	20.32	2.566
55	40,715	4,739	0.88361	0.11639	192,113	693,709	17.04	2.581
60	35,976	5,811	0.83848	0.16152	165,811	501,596	13.94	2.579
65	30,165	6,898	0.77132	0.22868	133,965	335,785	11.13	2.556
70	23,267	7,504	0.67748	0.32252	97,638	201,820	8.67	2.508
75	15,763	6,999	0.55599	0.44401	60,833	104,182	6.61	2.431
80	8,764	5,133	0.41431	0.58569	30,025	43,349	4.95	2.312
85	3,631	2,642	0.27238	0.72762	10,598	13,324	3.67	2.140
90	989	831	0.15976	0.84024	2,392	2,726	2.76	1.927
95	158	145	0.08228	0.91772	314	334	2.11	1.714
100	13	13	0.00000	1.00000	21	21	1.58	1.577

6.1 *Abridged Period Table*, Canada, 1841

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	18,656	0.81344	0.18656	87,500	3,929,852	39.30	0.330
1	81,344	10,696	0.86851	0.13149	297,030	3,842,358	47.24	1.350
5	70,648	2,414	0.96583	0.03417	346,106	3,545,328	50.18	2.045
10	68,234	1,442	0.97887	0.02113	337,659	3,199,222	46.89	2.565
15	66,792	2,043	0.96941	0.03059	329,169	2,861,563	42.84	2.655
20	64,749	2,712	0.95812	0.04188	317,167	2,532,394	39.11	2.574
25	62,037	3,037	0.95105	0.04895	302,660	2,215,227	35.71	2.522
30	59,000	3,123	0.94707	0.05293	287,210	1,912,567	32.42	2.505
35	55,877	3,195	0.94282	0.05718	271,447	1,625,357	29.09	2.515
40	52,682	3,417	0.93514	0.06486	255,001	1,353,910	25.70	2.539
45	49,265	3,887	0.92110	0.07890	236,851	1,098,909	22.31	2.563
50	45,378	4,637	0.89781	0.10219	215,651	862,058	19.00	2.576
55	40,741	5,619	0.86208	0.13792	190,081	646,407	15.87	2.575
60	35,122	6,661	0.81035	0.18965	159,352	456,326	12.99	2.559
65	28,461	7,427	0.73905	0.26095	123,931	296,974	10.43	2.526
70	21,034	7,447	0.64595	0.35405	86,353	173,043	8.23	2.473
75	13,587	6,356	0.53220	0.46780	51,379	86,690	6.38	2.395
80	7,231	4,305	0.40465	0.59535	24,466	35,311	4.88	2.285
85	2,926	2,115	0.27717	0.72283	8,572	10,845	3.71	2.135
90	811	677	0.16523	0.83477	1,988	2,274	2.80	1.946
95	134	123	0.08209	0.91791	269	286	2.13	1.736
100	11	11	0.00000	1.00000	18	18	1.59	1.591
	Females							
0	100,000	16,384	0.83616	0.16384	89,350	4,124,006	41.24	0.350
1	83,616	10,903	0.86961	0.13039	305,804	4,034,659	48.25	1.371
5	72,713	2,592	0.96435	0.03565	355,965	3,728,855	51.28	2.068
10	70,121	1,697	0.97580	0.02420	346,502	3,372,890	48.10	2.582
15	68,424	2,337	0.96585	0.03415	336,580	3,026,388	44.23	2.629
20	66,087	2,939	0.95553	0.04447	323,255	2,689,808	40.70	2.557
25	63,148	3,173	0.94975	0.05025	307,835	2,366,553	37.48	2.509
30	59,975	3,148	0.94751	0.05249	291,969	2,058,718	34.33	2.489
35	56,827	3,064	0.94608	0.05392	276,452	1,766,749	31.09	2.492
40	53,763	3,080	0.94271	0.05729	261,158	1,490,297	27.72	2.514
45	50,683	3,314	0.93461	0.06539	245,277	1,229,139	24.25	2.544
50	47,369	3,850	0.91872	0.08128	227,505	983,862	20.77	2.574
55	43,519	4,742	0.89104	0.10896	206,166	756,357	17.38	2.590
60	38,777	5,948	0.84661	0.15339	179,543	550,191	14.19	2.589
65	32,829	7,238	0.77952	0.22048	146,527	370,648	11.29	2.566
70	25,591	8,074	0.68450	0.31550	107,917	224,121	8.76	2.518
75	17,517	7,706	0.56008	0.43992	67,852	116,204	6.63	2.439
80	9,811	5,752	0.41372	0.58628	33,623	48,352	4.93	2.317
85	4,059	2,973	0.26755	0.73245	11,787	14,729	3.63	2.138
90	1,086	919	0.15378	0.84622	2,597	2,942	2.71	1.917
95	167	154	0.07784	0.92216	325	346	2.07	1.688
100	13	13	0.00000	1.00000	21	21	1.58	1.577

6.1 *Abridged Period Table*, Canada, 1851

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	18,601	0.81399	0.18601	87,537	3,994,569	39.95	0.330
1	81,399	10,402	0.87221	0.12779	297,997	3,907,036	48.00	1.347
5	70,997	2,334	0.96713	0.03287	348,088	3,609,039	50.83	2.045
10	68,663	1,392	0.97973	0.02027	339,926	3,260,951	47.49	2.565
15	67,271	1,965	0.97079	0.02921	331,742	2,921,025	43.42	2.652
20	65,306	2,602	0.96016	0.03984	320,218	2,589,283	39.65	2.574
25	62,704	2,912	0.95356	0.04644	306,307	2,269,065	36.19	2.523
30	59,792	3,005	0.94974	0.05026	291,468	1,962,758	32.83	2.507
35	56,787	3,091	0.94557	0.05443	276,265	1,671,290	29.43	2.518
40	53,696	3,336	0.93787	0.06213	260,282	1,395,025	25.98	2.543
45	50,360	3,833	0.92389	0.07611	242,473	1,134,743	22.53	2.567
50	46,527	4,615	0.90081	0.09919	221,468	892,270	19.18	2.580
55	41,912	5,647	0.86527	0.13473	195,889	670,802	16.00	2.579
60	36,265	6,757	0.81368	0.18632	164,856	474,913	13.10	2.563
65	29,508	7,599	0.74248	0.25752	128,767	310,057	10.51	2.529
70	21,909	7,686	0.64919	0.35081	90,152	181,290	8.27	2.477
75	14,223	6,616	0.53484	0.46516	53,902	91,138	6.41	2.398
80	7,607	4,518	0.40607	0.59393	25,783	37,236	4.89	2.288
85	3,089	2,233	0.27711	0.72289	9,051	11,453	3.71	2.136
90	856	714	0.16589	0.83411	2,099	2,402	2.81	1.945
95	142	130	0.08451	0.91549	283	303	2.13	1.715
100	12	12	0.00000	1.00000	20	20	1.67	1.667
	Females							
0	100,000	16,346	0.83654	0.16346	89,375	4,206,260	42.06	0.350
1	83,654	10,579	0.87354	0.12646	306,748	4,116,891	49.21	1.366
5	73,075	2,483	0.96602	0.03398	358,090	3,810,143	52.14	2.066
10	70,592	1,612	0.97716	0.02284	349,058	3,452,053	48.90	2.579
15	68,980	2,205	0.96803	0.03197	339,669	3,102,995	44.98	2.627
20	66,775	2,776	0.95843	0.04157	327,095	2,763,326	41.38	2.558
25	63,999	3,009	0.95298	0.04702	312,508	2,436,231	38.07	2.512
30	60,990	3,007	0.95070	0.04930	297,408	2,123,723	34.82	2.492
35	57,983	2,954	0.94905	0.05095	282,517	1,826,315	31.50	2.496
40	55,029	2,994	0.94559	0.05441	267,712	1,543,798	28.05	2.517
45	52,035	3,250	0.93754	0.06246	252,208	1,276,086	24.52	2.549
50	48,785	3,813	0.92184	0.07816	234,690	1,023,878	20.99	2.578
55	44,972	4,743	0.89453	0.10547	213,451	789,188	17.55	2.594
60	40,229	6,017	0.85043	0.14957	186,661	575,737	14.31	2.593
65	34,212	7,407	0.78350	0.21650	153,067	389,076	11.37	2.571
70	26,805	8,360	0.68812	0.31188	113,317	236,009	8.80	2.523
75	18,445	8,071	0.56243	0.43757	71,591	122,692	6.65	2.443
80	10,374	6,079	0.41402	0.58598	35,579	51,101	4.93	2.320
85	4,295	3,154	0.26566	0.73434	12,447	15,522	3.61	2.138
90	1,141	968	0.15162	0.84838	2,716	3,075	2.69	1.912
95	173	159	0.08092	0.91908	337	359	2.07	1.676
100	14	14	0.00000	1.00000	22	22	1.57	1.571

6.1 *Abridged Period Table*, Canada, 1861

Age	l_x	${}_nd_x$	${}_np_x$	${}_nq_x$	${}_nL_x$	T_x	e_x	${}_na_x$
	Males							
0	100,000	18,874	0.81126	0.18874	87,354	4,028,803	40.29	0.330
1	81,126	10,304	0.87299	0.12701	297,100	3,941,454	48.58	1.340
5	70,822	2,262	0.96806	0.03194	347,413	3,644,354	51.46	2.039
10	68,560	1,340	0.98046	0.01954	339,536	3,296,941	48.09	2.564
15	67,220	1,877	0.97208	0.02792	331,689	2,957,405	44.00	2.650
20	65,343	2,471	0.96218	0.03782	320,718	2,625,716	40.18	2.573
25	62,872	2,766	0.95601	0.04399	307,507	2,304,998	36.66	2.522
30	60,106	2,863	0.95237	0.04763	293,400	1,997,491	33.23	2.509
35	57,243	2,966	0.94819	0.05181	278,863	1,704,091	29.77	2.521
40	54,277	3,226	0.94056	0.05944	263,472	1,425,228	26.26	2.547
45	51,051	3,743	0.92668	0.07332	246,163	1,161,756	22.76	2.571
50	47,308	4,553	0.90376	0.09624	225,541	915,593	19.35	2.584
55	42,755	5,625	0.86844	0.13156	200,178	690,052	16.14	2.583
60	37,130	6,792	0.81708	0.18292	169,119	489,874	13.19	2.566
65	30,338	7,711	0.74583	0.25417	132,671	320,755	10.57	2.533
70	22,627	7,873	0.65205	0.34795	93,296	188,084	8.31	2.480
75	14,754	6,835	0.53674	0.46326	56,010	94,788	6.42	2.402
80	7,919	4,699	0.40662	0.59338	26,861	38,778	4.90	2.290
85	3,220	2,330	0.27640	0.72360	9,428	11,917	3.70	2.136
90	890	743	0.16517	0.83483	2,178	2,489	2.80	1.941
95	147	135	0.08163	0.91837	292	312	2.12	1.715
100	12	12	0.00000	1.00000	20	20	1.67	1.667
	Females							
0	100,000	16,627	0.83373	0.16627	89,192	4,257,651	42.58	0.350
1	83,373	10,468	0.87444	0.12556	305,823	4,168,463	50.00	1.357
5	72,905	2,381	0.96734	0.03266	357,521	3,862,640	52.98	2.058
10	70,524	1,523	0.97840	0.02160	348,926	3,505,119	49.70	2.574
15	69,001	2,064	0.97009	0.02991	340,104	3,156,193	45.74	2.625
20	66,937	2,591	0.96129	0.03871	328,361	2,816,089	42.07	2.559
25	64,346	2,821	0.95616	0.04384	314,716	2,487,728	38.66	2.513
30	61,525	2,841	0.95382	0.04618	300,510	2,173,012	35.32	2.495
35	58,684	2,814	0.95205	0.04795	286,382	1,872,502	31.91	2.499
40	55,870	2,879	0.94847	0.05153	272,215	1,586,120	28.39	2.522
45	52,991	3,154	0.94048	0.05952	257,235	1,313,905	24.79	2.552
50	49,837	3,736	0.92504	0.07496	240,152	1,056,670	21.20	2.582
55	46,101	4,697	0.89812	0.10188	219,228	816,518	17.71	2.599
60	41,404	6,029	0.85439	0.14561	192,540	597,290	14.43	2.598
65	35,375	7,520	0.78742	0.21258	158,646	404,750	11.44	2.576
70	27,855	8,599	0.69129	0.30871	118,022	246,104	8.84	2.528
75	19,256	8,400	0.56377	0.43623	74,840	128,082	6.65	2.448
80	10,856	6,376	0.41268	0.58732	37,204	53,242	4.90	2.322
85	4,480	3,307	0.26183	0.73817	12,924	16,038	3.58	2.134
90	1,173	1,001	0.14663	0.85337	2,766	3,115	2.66	1.904
95	172	159	0.07558	0.92442	329	349	2.03	1.657
100	13	13	0.00000	1.00000	21	21	1.58	1.577

6.1 *Abridged Period Table*, Canada, 1871

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	17,547	0.82453	0.17547	88,244	4,141,276	41.41	0.330
1	82,453	9,573	0.88390	0.11610	304,484	4,053,038	49.16	1.354
5	72,880	2,235	0.96933	0.03067	357,830	3,748,554	51.43	2.060
10	70,645	1,361	0.98073	0.01927	349,913	3,390,724	48.00	2.566
15	69,284	1,937	0.97204	0.02796	341,879	3,040,811	43.89	2.655
20	67,347	2,579	0.96171	0.03829	330,481	2,698,932	40.07	2.575
25	64,768	2,892	0.95535	0.04465	316,677	2,368,451	36.57	2.523
30	61,876	2,983	0.95179	0.04821	301,946	2,051,774	33.16	2.508
35	58,893	3,079	0.94772	0.05228	286,830	1,749,828	29.71	2.520
40	55,814	3,344	0.94009	0.05991	270,865	1,462,998	26.21	2.546
45	52,470	3,879	0.92607	0.07393	252,926	1,192,133	22.72	2.570
50	48,591	4,714	0.90299	0.09701	231,565	939,207	19.33	2.584
55	43,877	5,812	0.86754	0.13246	205,331	707,642	16.13	2.582
60	38,065	6,995	0.81624	0.18376	173,292	502,311	13.20	2.565
65	31,070	7,911	0.74538	0.25462	135,824	329,019	10.59	2.532
70	23,159	8,044	0.65266	0.34734	95,517	193,195	8.34	2.479
75	15,115	6,972	0.53874	0.46126	57,459	97,678	6.46	2.402
80	8,143	4,801	0.41041	0.58959	27,713	40,219	4.94	2.292
85	3,342	2,402	0.28127	0.71873	9,847	12,506	3.74	2.143
90	940	781	0.16915	0.83085	2,319	2,659	2.83	1.951
95	159	145	0.08805	0.91195	319	341	2.14	1.714
100	14	14	0.00000	1.00000	22	22	1.57	1.571
	Females							
0	100,000	15,338	0.84662	0.15338	90,030	4,368,459	43.68	0.350
1	84,662	9,679	0.88567	0.11433	313,211	4,278,434	50.54	1.372
5	74,983	2,352	0.96863	0.03137	368,046	3,965,223	52.88	2.080
10	72,631	1,559	0.97854	0.02146	359,383	3,597,177	49.53	2.580
15	71,072	2,145	0.96982	0.03018	350,279	3,237,794	45.56	2.631
20	68,927	2,717	0.96058	0.03942	338,010	2,887,515	41.89	2.561
25	66,210	2,963	0.95525	0.04475	323,682	2,549,505	38.51	2.513
30	63,247	2,979	0.95290	0.04710	308,770	2,225,823	35.19	2.494
35	60,268	2,944	0.95115	0.04885	293,973	1,917,053	31.81	2.498
40	57,324	3,007	0.94754	0.05246	279,162	1,623,080	28.31	2.520
45	54,317	3,287	0.93948	0.06052	263,538	1,343,918	24.74	2.552
50	51,030	3,885	0.92387	0.07613	245,753	1,080,380	21.17	2.581
55	47,145	4,866	0.89679	0.10321	224,033	834,627	17.70	2.597
60	42,279	6,208	0.85317	0.14683	196,465	610,594	14.44	2.595
65	36,071	7,686	0.78692	0.21308	161,702	414,129	11.48	2.573
70	28,385	8,732	0.69237	0.30763	120,322	252,427	8.89	2.526
75	19,653	8,501	0.56745	0.43255	76,565	132,105	6.72	2.447
80	11,152	6,474	0.41948	0.58052	38,444	55,540	4.98	2.325
85	4,678	3,412	0.27063	0.72937	13,648	17,096	3.65	2.145
90	1,266	1,070	0.15482	0.84518	3,036	3,448	2.72	1.921
95	196	180	0.08163	0.91837	384	412	2.10	1.689
100	16	16	0.00000	1.00000	28	28	1.75	1.750

6.1 *Abridged Period Table*, Canada, 1881

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	16,430	0.83570	0.16430	88,992	4,342,418	43.42	0.330
1	83,570	8,560	0.89757	0.10243	311,679	4,253,431	50.90	1.360
5	75,010	2,071	0.97239	0.02761	368,989	3,941,752	52.55	2.073
10	72,939	1,290	0.98231	0.01769	361,558	3,572,763	48.98	2.568
15	71,649	1,841	0.97431	0.02569	353,934	3,211,205	44.82	2.658
20	69,808	2,459	0.96477	0.03523	343,079	2,857,271	40.93	2.576
25	67,349	2,758	0.95905	0.04095	329,912	2,514,192	37.33	2.522
30	64,591	2,857	0.95577	0.04423	315,840	2,184,280	33.82	2.509
35	61,734	2,975	0.95181	0.04819	301,309	1,868,440	30.27	2.526
40	58,759	3,278	0.94421	0.05579	285,775	1,567,131	26.67	2.553
45	55,481	3,867	0.93030	0.06970	268,038	1,281,356	23.10	2.578
50	51,614	4,781	0.90737	0.09263	246,546	1,013,318	19.63	2.590
55	46,833	5,980	0.87231	0.12769	219,736	766,772	16.37	2.587
60	40,853	7,291	0.82153	0.17847	186,546	547,036	13.39	2.570
65	33,562	8,346	0.75133	0.24867	147,251	360,490	10.74	2.537
70	25,216	8,598	0.65903	0.34097	104,451	213,239	8.46	2.484
75	16,618	7,557	0.54525	0.45475	63,500	108,788	6.55	2.408
80	9,061	5,288	0.41640	0.58360	31,021	45,288	5.00	2.299
85	3,773	2,694	0.28598	0.71402	11,188	14,267	3.78	2.150
90	1,079	893	0.17238	0.82762	2,679	3,079	2.85	1.958
95	186	170	0.08602	0.91398	374	400	2.15	1.729
100	16	16	0.00000	1.00000	26	26	1.63	1.625
	Females							
0	100,000	14,285	0.85715	0.14285	90,715	4,592,398	45.92	0.350
1	85,715	8,587	0.89982	0.10018	320,303	4,501,687	52.52	1.373
5	77,128	2,136	0.97231	0.02769	379,433	4,181,384	54.21	2.094
10	74,992	1,444	0.98074	0.01926	371,464	3,801,951	50.70	2.579
15	73,548	1,981	0.97307	0.02693	363,047	3,430,487	46.64	2.631
20	71,567	2,521	0.96477	0.03523	351,696	3,067,440	42.86	2.565
25	69,046	2,786	0.95965	0.04035	338,317	2,715,744	39.33	2.519
30	66,260	2,844	0.95708	0.04292	324,192	2,377,427	35.88	2.501
35	63,416	2,855	0.95498	0.04502	309,958	2,053,235	32.38	2.505
40	60,561	2,960	0.95112	0.04888	295,482	1,743,277	28.79	2.526
45	57,601	3,285	0.94297	0.05703	279,980	1,447,795	25.13	2.557
50	54,316	3,932	0.92761	0.07239	262,085	1,167,815	21.50	2.585
55	50,384	4,982	0.90112	0.09888	239,970	905,730	17.98	2.601
60	45,402	6,428	0.85842	0.14158	211,583	665,760	14.66	2.600
65	38,974	8,062	0.79314	0.20686	175,349	454,177	11.65	2.579
70	30,912	9,293	0.69937	0.30063	131,630	278,828	9.02	2.532
75	21,619	9,199	0.57449	0.42551	84,678	147,198	6.81	2.454
80	12,420	7,138	0.42528	0.57472	43,065	62,520	5.03	2.333
85	5,282	3,832	0.27452	0.72548	15,494	19,455	3.68	2.151
90	1,450	1,224	0.15586	0.84414	3,489	3,961	2.73	1.927
95	226	208	0.07965	0.92035	442	472	2.09	1.692
100	18	18	0.00000	1.00000	30	30	1.67	1.667

6.1 *Abridged Period Table*, Canada, 1891

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	16,478	0.83522	0.16478	88,960	4,384,782	43.85	0.330
1	83,522	8,412	0.89928	0.10072	311,847	4,295,829	51.43	1.356
5	75,110	2,014	0.97319	0.02681	369,651	3,983,982	53.04	2.071
10	73,096	1,251	0.98289	0.01711	362,438	3,614,331	49.45	2.568
15	71,845	1,779	0.97524	0.02476	355,056	3,251,893	45.26	2.656
20	70,066	2,367	0.96622	0.03378	344,591	2,896,837	41.34	2.575
25	67,699	2,653	0.96081	0.03919	331,924	2,552,246	37.70	2.523
30	65,046	2,753	0.95768	0.04232	318,380	2,220,322	34.13	2.512
35	62,293	2,879	0.95378	0.04622	304,346	1,901,942	30.53	2.527
40	59,414	3,197	0.94619	0.05381	289,258	1,597,596	26.89	2.556
45	56,217	3,803	0.93235	0.06765	271,886	1,308,338	23.27	2.581
50	52,414	4,739	0.90959	0.09041	250,663	1,036,452	19.77	2.593
55	47,675	5,972	0.87474	0.12526	223,983	785,789	16.48	2.590
60	41,703	7,333	0.82416	0.17584	190,714	561,806	13.47	2.572
65	34,370	8,456	0.75397	0.24603	151,043	371,092	10.80	2.539
70	25,914	8,773	0.66146	0.33854	107,526	220,049	8.49	2.487
75	17,141	7,763	0.54711	0.45289	65,600	112,523	6.56	2.410
80	9,378	5,465	0.41725	0.58275	32,138	46,923	5.00	2.301
85	3,913	2,794	0.28597	0.71403	11,603	14,785	3.78	2.150
90	1,119	928	0.17069	0.82931	2,772	3,182	2.84	1.958
95	191	174	0.08901	0.91099	383	410	2.14	1.713
100	17	17	0.00000	1.00000	27	27	1.56	1.559
	Females							
0	100,000	14,344	0.85656	0.14344	90,676	4,650,837	46.51	0.350
1	85,656	8,421	0.90169	0.09831	320,465	4,560,166	53.24	1.369
5	77,235	2,064	0.97328	0.02672	380,163	4,239,701	54.89	2.087
10	75,171	1,377	0.98168	0.01832	372,520	3,859,538	51.34	2.578
15	73,794	1,886	0.97444	0.02556	364,498	3,487,018	47.25	2.629
20	71,908	2,402	0.96660	0.03340	353,690	3,122,520	43.42	2.565
25	69,506	2,655	0.96180	0.03820	340,946	2,768,830	39.84	2.520
30	66,851	2,716	0.95937	0.04063	327,470	2,427,884	36.32	2.502
35	64,135	2,735	0.95736	0.04264	313,853	2,100,414	32.75	2.505
40	61,400	2,850	0.95358	0.04642	299,955	1,786,561	29.10	2.528
45	58,550	3,186	0.94558	0.05442	284,977	1,486,606	25.39	2.560
50	55,364	3,849	0.93048	0.06952	267,543	1,201,629	21.70	2.590
55	51,515	4,930	0.90430	0.09570	245,772	934,086	18.13	2.606
60	46,585	6,435	0.86187	0.13813	217,511	688,314	14.78	2.605
65	40,150	8,163	0.79669	0.20331	181,019	470,803	11.73	2.583
70	31,987	9,517	0.70247	0.29753	136,493	289,784	9.06	2.537
75	22,470	9,518	0.57641	0.42359	88,158	153,291	6.82	2.458
80	12,952	7,443	0.42534	0.57466	44,928	65,133	5.03	2.335
85	5,509	4,007	0.27264	0.72736	16,130	20,205	3.67	2.151
90	1,502	1,271	0.15379	0.84621	3,596	4,075	2.71	1.920
95	231	213	0.07792	0.92208	450	480	2.08	1.688
100	18	18	0.00000	1.00000	30	30	1.67	1.667

6.1 *Abridged Period Table*, Canada, 1901

Age	l_x	${}_nd_x$	${}_np_x$	${}_nq_x$	${}_nL_x$	T_x	e_x	${}_na_x$
	Males							
0	100,000	14,398	0.85602	0.14398	90,353	4,714,155	47.14	0.330
1	85,602	6,830	0.92021	0.07979	324,455	4,623,808	54.02	1.371
5	78,772	1,769	0.97754	0.02246	388,730	4,299,353	54.58	2.100
10	77,003	1,149	0.98508	0.01492	382,225	3,910,623	50.79	2.571
15	75,854	1,661	0.97810	0.02190	375,389	3,528,398	46.52	2.663
20	74,193	2,229	0.96996	0.03004	365,563	3,153,009	42.50	2.576
25	71,964	2,499	0.96527	0.03473	353,630	2,787,446	38.73	2.523
30	69,465	2,597	0.96261	0.03739	340,867	2,433,816	35.04	2.513
35	66,868	2,746	0.95893	0.04107	327,570	2,092,949	31.30	2.535
40	64,122	3,114	0.95144	0.04856	313,032	1,765,379	27.53	2.566
45	61,008	3,799	0.93773	0.06227	295,887	1,452,347	23.81	2.591
50	57,209	4,846	0.91529	0.08471	274,420	1,156,460	20.21	2.601
55	52,363	6,227	0.88108	0.11892	246,853	882,040	16.84	2.597
60	46,136	7,777	0.83143	0.16857	211,854	635,187	13.77	2.579
65	38,359	9,111	0.76248	0.23752	169,437	423,333	11.04	2.546
70	29,248	9,616	0.67123	0.32877	122,148	253,896	8.68	2.495
75	19,632	8,681	0.55781	0.44219	75,755	131,748	6.71	2.419
80	10,951	6,265	0.42791	0.57209	37,916	55,993	5.11	2.312
85	4,686	3,302	0.29535	0.70465	14,065	18,077	3.86	2.164
90	1,384	1,138	0.17775	0.82225	3,478	4,012	2.90	1.975
95	246	224	0.08943	0.91057	501	534	2.17	1.746
100	22	22	0.00000	1.00000	33	33	1.50	1.500
	Females							
0	100,000	12,389	0.87611	0.12389	91,947	5,010,903	50.11	0.350
1	87,611	6,737	0.92310	0.07690	332,791	4,918,960	56.15	1.380
5	80,874	1,761	0.97823	0.02177	399,285	4,586,169	56.71	2.112
10	79,113	1,223	0.98454	0.01546	392,608	4,186,884	52.92	2.582
15	77,890	1,694	0.97825	0.02175	385,443	3,794,276	48.71	2.635
20	76,196	2,183	0.97135	0.02865	375,676	3,408,833	44.74	2.570
25	74,013	2,449	0.96691	0.03309	364,004	3,033,157	40.98	2.525
30	71,564	2,543	0.96447	0.03553	351,483	2,669,153	37.30	2.508
35	69,021	2,602	0.96230	0.03770	338,635	2,317,670	33.58	2.513
40	66,419	2,765	0.95837	0.04163	325,283	1,979,035	29.80	2.536
45	63,654	3,154	0.95045	0.04955	310,602	1,653,752	25.98	2.569
50	60,500	3,891	0.93569	0.06431	293,153	1,343,150	22.20	2.598
55	56,609	5,080	0.91026	0.08974	270,919	1,049,997	18.55	2.613
60	51,529	6,750	0.86901	0.13099	241,523	779,078	15.12	2.612
65	44,779	8,710	0.80549	0.19451	202,906	537,555	12.00	2.590
70	36,069	10,350	0.71305	0.28695	154,937	334,649	9.28	2.545
75	25,719	10,586	0.58840	0.41160	101,794	179,712	6.99	2.468
80	15,133	8,514	0.43739	0.56261	53,089	77,918	5.15	2.348
85	6,619	4,747	0.28282	0.71718	19,645	24,829	3.75	2.167
90	1,872	1,571	0.16079	0.83921	4,550	5,184	2.77	1.938
95	301	276	0.08306	0.91694	593	635	2.11	1.696
100	25	25	0.00000	1.00000	42	42	1.66	1.660

6.1 *Abridged Period Table*, Canada, 1911

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	12,171	0.87829	0.12171	91,845	5,087,787	50.88	0.330
1	87,829	5,227	0.94049	0.05951	337,679	4,995,947	56.88	1.391
5	82,602	1,489	0.98197	0.01803	408,743	4,658,268	56.39	2.134
10	81,113	1,017	0.98746	0.01254	403,105	4,249,525	52.39	2.581
15	80,096	1,500	0.98127	0.01873	396,986	3,846,420	48.02	2.671
20	78,596	2,033	0.97413	0.02587	388,052	3,449,434	43.89	2.576
25	76,563	2,274	0.97030	0.02970	377,177	3,061,382	39.99	2.521
30	74,289	2,365	0.96816	0.03184	365,568	2,684,205	36.13	2.515
35	71,924	2,537	0.96473	0.03527	353,385	2,318,637	32.24	2.542
40	69,387	2,958	0.95737	0.04263	339,772	1,965,252	28.32	2.578
45	66,429	3,726	0.94391	0.05609	323,213	1,625,480	24.47	2.603
50	62,703	4,890	0.92201	0.07799	301,835	1,302,267	20.77	2.611
55	57,813	6,430	0.88878	0.11122	273,670	1,000,432	17.30	2.606
60	51,383	8,198	0.84045	0.15955	237,134	726,762	14.14	2.587
65	43,185	9,799	0.77309	0.22691	191,962	489,628	11.34	2.554
70	33,386	10,573	0.68331	0.31669	140,542	297,666	8.92	2.504
75	22,813	9,795	0.57064	0.42936	88,897	157,124	6.89	2.430
80	13,018	7,285	0.44039	0.55961	45,605	68,227	5.24	2.325
85	5,733	3,980	0.30577	0.69423	17,438	22,622	3.95	2.179
90	1,753	1,428	0.18540	0.81460	4,466	5,184	2.96	1.989
95	325	295	0.09231	0.90769	669	718	2.21	1.758
100	30	30	0.00000	1.00000	49	49	1.63	1.633
	Females							
0	100,000	10,324	0.89676	0.10324	93,289	5,415,762	54.16	0.350
1	89,676	5,063	0.94354	0.05646	345,502	5,322,479	59.35	1.392
5	84,613	1,424	0.98317	0.01683	418,995	4,976,977	58.82	2.142
10	83,189	1,038	0.98752	0.01248	413,442	4,557,982	54.79	2.589
15	82,151	1,452	0.98233	0.01767	407,329	4,144,540	50.45	2.640
20	80,699	1,901	0.97644	0.02356	398,891	3,737,211	46.31	2.578
25	78,798	2,166	0.97251	0.02749	388,645	3,338,320	42.37	2.532
30	76,632	2,290	0.97012	0.02988	377,469	2,949,675	38.49	2.515
35	74,342	2,391	0.96784	0.03216	365,787	2,572,206	34.60	2.523
40	71,951	2,603	0.96382	0.03618	353,371	2,206,419	30.67	2.547
45	69,348	3,047	0.95606	0.04394	339,365	1,853,048	26.72	2.579
50	66,301	3,857	0.94183	0.05817	322,275	1,513,683	22.83	2.607
55	62,444	5,155	0.91745	0.08255	299,960	1,191,408	19.08	2.622
60	57,289	6,999	0.87783	0.12217	269,786	891,448	15.56	2.620
65	50,290	9,233	0.81640	0.18360	229,282	621,662	12.36	2.599
70	41,057	11,239	0.72626	0.27374	177,813	392,380	9.56	2.556
75	29,818	11,830	0.60326	0.39674	119,291	214,567	7.20	2.481
80	17,988	9,855	0.45213	0.54787	63,963	95,276	5.30	2.364
85	8,133	5,735	0.29485	0.70515	24,522	31,313	3.85	2.185
90	2,398	1,994	0.16847	0.83153	5,923	6,791	2.83	1.957
95	404	369	0.08663	0.91337	808	868	2.15	1.714
100	35	35	0.00000	1.00000	61	61	1.73	1.729

6.1 *Abridged Period Table*, Canada, 1921

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	9,270	0.90730	0.09270	93,511	5,502,027	55.02	0.300
1	90,730	3,550	0.96087	0.03913	353,804	5,408,521	59.61	1.432
5	87,180	1,193	0.98632	0.01368	432,545	5,054,717	57.98	2.187
10	85,987	889	0.98966	0.01034	427,796	4,622,172	53.75	2.593
15	85,098	1,370	0.98390	0.01610	422,321	4,194,376	49.29	2.687
20	83,728	1,905	0.97725	0.02275	414,031	3,772,055	45.05	2.580
25	81,823	2,127	0.97400	0.02600	403,836	3,358,024	41.04	2.518
30	79,696	2,200	0.97240	0.02760	393,015	2,954,188	37.07	2.516
35	77,496	2,391	0.96915	0.03085	381,625	2,561,173	33.05	2.551
40	75,105	2,864	0.96187	0.03813	368,625	2,179,548	29.02	2.591
45	72,241	3,714	0.94859	0.05141	352,342	1,810,923	25.07	2.614
50	68,527	4,991	0.92717	0.07283	330,755	1,458,581	21.28	2.620
55	63,536	6,677	0.89491	0.10509	301,734	1,127,826	17.75	2.612
60	56,859	8,632	0.84819	0.15181	263,513	826,092	14.53	2.592
65	48,227	10,465	0.78301	0.21699	215,606	562,579	11.67	2.560
70	37,762	11,490	0.69573	0.30427	160,224	346,973	9.19	2.512
75	26,272	10,893	0.58538	0.41462	103,488	186,749	7.11	2.441
80	15,379	8,361	0.45634	0.54366	54,653	83,261	5.41	2.340
85	7,018	4,766	0.32089	0.67911	21,742	28,608	4.08	2.199
90	2,252	1,809	0.19671	0.80329	5,860	6,866	3.05	2.015
95	443	399	0.09932	0.90068	933	1,007	2.27	1.786
100	44	44	0.00000	1.00000	74	74	1.68	1.682
	Females							
0	100,000	7,668	0.92332	0.07668	94,632	5,842,674	58.43	0.300
1	92,332	3,354	0.96367	0.03633	360,708	5,748,045	62.25	1.430
5	88,978	1,098	0.98766	0.01234	441,807	5,387,337	60.55	2.192
10	87,880	878	0.99001	0.00999	437,302	4,945,530	56.28	2.610
15	87,002	1,280	0.98529	0.01471	432,006	4,508,228	51.82	2.653
20	85,722	1,718	0.97996	0.02004	424,460	4,076,222	47.55	2.584
25	84,004	1,989	0.97632	0.02368	415,125	3,651,762	43.47	2.539
30	82,015	2,130	0.97403	0.02597	404,794	3,236,637	39.46	2.521
35	79,885	2,260	0.97171	0.02829	393,840	2,831,843	35.45	2.529
40	77,625	2,514	0.96761	0.03239	381,982	2,438,003	31.41	2.556
45	75,111	3,010	0.95993	0.04007	368,295	2,056,021	27.37	2.588
50	72,101	3,897	0.94595	0.05405	351,210	1,687,726	23.41	2.615
55	68,204	5,294	0.92238	0.07762	328,462	1,336,516	19.60	2.628
60	62,910	7,273	0.88439	0.11561	297,271	1,008,054	16.02	2.624
65	55,637	9,693	0.82578	0.17422	254,955	710,783	12.78	2.603
70	45,944	11,952	0.73986	0.26014	200,580	455,828	9.92	2.562
75	33,992	12,847	0.62206	0.37794	137,740	255,248	7.51	2.492
80	21,145	11,090	0.47553	0.52447	76,698	117,508	5.56	2.383
85	10,055	6,844	0.31934	0.68066	31,216	40,810	4.06	2.215
90	3,211	2,606	0.18841	0.81159	8,234	9,594	2.99	1.999
95	605	546	0.09752	0.90248	1,258	1,360	2.25	1.764
100	59	59	0.00000	1.00000	102	102	1.72	1.720

6.2 *Abridged Period Table*, Quebec, 1831

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	19,172	0.80828	0.19172	87,155	3,831,166	38.31	0.330
1	80,828	11,238	0.86096	0.13904	293,510	3,744,015	46.32	1.348
5	69,590	2,498	0.96410	0.03590	340,551	3,450,505	49.58	2.038
10	67,092	1,478	0.97797	0.02203	331,861	3,109,954	46.35	2.565
15	65,614	2,093	0.96810	0.03190	323,161	2,778,093	42.34	2.654
20	63,521	2,777	0.95628	0.04372	310,869	2,454,932	38.65	2.574
25	60,744	3,105	0.94888	0.05112	296,022	2,144,063	35.30	2.521
30	57,639	3,188	0.94469	0.05531	280,238	1,848,041	32.06	2.504
35	54,451	3,244	0.94042	0.05958	264,189	1,567,803	28.79	2.514
40	51,207	3,445	0.93272	0.06728	247,547	1,303,614	25.46	2.536
45	47,762	3,884	0.91868	0.08132	229,331	1,056,067	22.11	2.559
50	43,878	4,592	0.89535	0.10465	208,245	826,736	18.84	2.573
55	39,286	5,521	0.85947	0.14053	183,026	618,491	15.74	2.572
60	33,765	6,500	0.80749	0.19251	152,941	435,465	12.90	2.556
65	27,265	7,196	0.73607	0.26393	118,503	282,524	10.36	2.523
70	20,069	7,168	0.64283	0.35717	82,213	164,021	8.17	2.470
75	12,901	6,075	0.52911	0.47089	48,662	81,808	6.34	2.392
80	6,826	4,083	0.40185	0.59815	23,031	33,146	4.86	2.282
85	2,743	1,989	0.27488	0.72512	8,010	10,115	3.69	2.131
90	754	630	0.16446	0.83554	1,843	2,105	2.79	1.941
95	124	114	0.08065	0.91935	245	262	2.11	1.711
100	10	10	0.00000	1.00000	17	17	1.70	1.700
	Females							
0	100,000	16,872	0.83128	0.16872	89,033	4,009,769	40.10	0.350
1	83,128	11,498	0.86168	0.13832	302,285	3,920,740	47.17	1.371
5	71,630	2,710	0.96217	0.03783	350,191	3,618,455	50.52	2.063
10	68,920	1,760	0.97446	0.02554	340,344	3,268,264	47.42	2.582
15	67,160	2,427	0.96386	0.03614	330,045	2,927,920	43.60	2.629
20	64,733	3,046	0.95295	0.04705	316,218	2,597,875	40.13	2.555
25	61,687	3,267	0.94704	0.05296	300,287	2,281,657	36.99	2.506
30	58,420	3,222	0.94485	0.05515	284,000	1,981,370	33.92	2.486
35	55,198	3,114	0.94358	0.05642	268,172	1,697,370	30.75	2.489
40	52,084	3,109	0.94031	0.05969	252,680	1,429,198	27.44	2.510
45	48,975	3,316	0.93229	0.06771	236,723	1,176,518	24.02	2.542
50	45,659	3,825	0.91623	0.08377	219,002	939,795	20.58	2.570
55	41,834	4,673	0.88830	0.11170	197,893	720,793	17.23	2.587
60	37,161	5,816	0.84349	0.15651	171,761	522,900	14.07	2.585
65	31,345	7,020	0.77604	0.22396	139,613	351,139	11.20	2.562
70	24,325	7,765	0.68078	0.31922	102,327	211,526	8.70	2.515
75	16,560	7,341	0.55670	0.44330	63,971	109,199	6.59	2.435
80	9,219	5,428	0.41122	0.58878	31,513	45,228	4.91	2.314
85	3,791	2,782	0.26616	0.73384	10,984	13,715	3.62	2.135
90	1,009	855	0.15263	0.84737	2,409	2,731	2.71	1.916
95	154	141	0.08442	0.91558	302	322	2.09	1.677
100	13	13	0.00000	1.00000	21	21	1.58	1.577

6.2 *Abridged Period Table*, Quebec, 1841

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	19,080	0.80920	0.19080	87,216	3,904,793	39.05	0.330
1	80,920	10,888	0.86545	0.13455	294,772	3,817,581	47.18	1.345
5	70,032	2,407	0.96563	0.03437	343,032	3,522,809	50.30	2.038
10	67,625	1,424	0.97894	0.02106	334,656	3,179,777	47.02	2.564
15	66,201	2,008	0.96967	0.03033	326,291	2,845,121	42.98	2.652
20	64,193	2,658	0.95859	0.04141	314,518	2,518,830	39.24	2.574
25	61,535	2,973	0.95169	0.04831	300,308	2,204,312	35.82	2.522
30	58,562	3,060	0.94775	0.05225	285,180	1,904,004	32.51	2.507
35	55,502	3,137	0.94348	0.05652	269,720	1,618,824	29.17	2.517
40	52,365	3,361	0.93582	0.06418	253,558	1,349,104	25.76	2.540
45	49,004	3,832	0.92180	0.07820	235,683	1,095,546	22.36	2.563
50	45,172	4,581	0.89859	0.10141	214,763	859,863	19.04	2.577
55	40,591	5,564	0.86293	0.13707	189,468	645,100	15.89	2.576
60	35,027	6,614	0.81117	0.18883	158,998	455,632	13.01	2.560
65	28,413	7,395	0.73973	0.26027	123,778	296,634	10.44	2.527
70	21,018	7,435	0.64626	0.35374	86,311	172,856	8.22	2.474
75	13,583	6,358	0.53191	0.46809	51,357	86,545	6.37	2.396
80	7,225	4,309	0.40360	0.59640	24,424	35,188	4.87	2.284
85	2,916	2,113	0.27538	0.72462	8,524	10,764	3.69	2.134
90	803	671	0.16438	0.83562	1,963	2,241	2.79	1.941
95	132	121	0.08333	0.91667	261	278	2.11	1.698
100	11	11	0.00000	1.00000	18	18	1.59	1.591
	Females							
0	100,000	16,800	0.83200	0.16800	89,080	4,103,039	41.03	0.350
1	83,200	11,112	0.86644	0.13356	303,527	4,013,964	48.24	1.366
5	72,088	2,582	0.96418	0.03582	352,850	3,710,437	51.47	2.060
10	69,506	1,666	0.97603	0.02397	343,496	3,357,587	48.31	2.579
15	67,840	2,284	0.96633	0.03367	333,779	3,014,091	44.43	2.627
20	65,556	2,865	0.95630	0.04370	320,777	2,680,312	40.89	2.555
25	62,691	3,091	0.95069	0.04931	305,756	2,359,535	37.64	2.509
30	59,600	3,073	0.94844	0.05156	290,288	2,053,779	34.46	2.490
35	56,527	3,000	0.94693	0.05307	275,113	1,763,491	31.20	2.493
40	53,527	3,022	0.94354	0.05646	260,125	1,488,378	27.81	2.515
45	50,505	3,257	0.93551	0.06449	244,533	1,228,253	24.32	2.546
50	47,248	3,795	0.91968	0.08032	227,038	983,720	20.82	2.575
55	43,453	4,687	0.89214	0.10786	205,978	756,682	17.41	2.592
60	38,766	5,904	0.84770	0.15230	179,603	550,704	14.21	2.590
65	32,862	7,214	0.78048	0.21952	146,764	371,101	11.29	2.568
70	25,648	8,085	0.68477	0.31523	108,190	224,337	8.75	2.520
75	17,563	7,739	0.55936	0.44064	68,003	116,147	6.61	2.440
80	9,824	5,781	0.41154	0.58846	33,608	48,144	4.90	2.317
85	4,043	2,977	0.26367	0.73633	11,687	14,536	3.60	2.135
90	1,066	908	0.14822	0.85178	2,523	2,849	2.67	1.909
95	158	146	0.07595	0.92405	306	326	2.06	1.685
100	12	12	0.00000	1.00000	20	20	1.67	1.667

6.2 *Abridged Period Table*, Quebec, 1851

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	19,024	0.80976	0.19024	87,254	3,979,929	39.80	0.330
1	80,976	10,538	0.86986	0.13014	295,888	3,892,678	48.07	1.341
5	70,438	2,312	0.96718	0.03282	345,339	3,596,790	51.06	2.037
10	68,126	1,365	0.97996	0.02004	337,303	3,251,451	47.73	2.562
15	66,761	1,919	0.97126	0.02874	329,296	2,914,148	43.65	2.650
20	64,842	2,535	0.96090	0.03910	318,058	2,584,852	39.86	2.573
25	62,307	2,834	0.95452	0.04548	304,513	2,266,794	36.38	2.522
30	59,473	2,925	0.95082	0.04918	290,077	1,962,281	32.99	2.508
35	56,548	3,016	0.94666	0.05334	275,257	1,672,204	29.57	2.519
40	53,532	3,265	0.93901	0.06099	259,642	1,396,947	26.10	2.544
45	50,267	3,764	0.92512	0.07488	242,182	1,137,305	22.63	2.568
50	46,503	4,552	0.90211	0.09789	221,508	895,123	19.25	2.582
55	41,951	5,593	0.86668	0.13332	196,225	673,615	16.06	2.581
60	36,358	6,722	0.81512	0.18488	165,418	477,390	13.13	2.564
65	29,636	7,594	0.74376	0.25624	129,433	311,972	10.53	2.531
70	22,042	7,712	0.65012	0.34988	90,763	182,539	8.28	2.478
75	14,330	6,664	0.53496	0.46504	54,321	91,776	6.40	2.400
80	7,666	4,558	0.40543	0.59457	25,968	37,455	4.89	2.288
85	3,108	2,251	0.27574	0.72426	9,094	11,487	3.70	2.136
90	857	716	0.16453	0.83547	2,093	2,394	2.79	1.939
95	141	129	0.08511	0.91489	281	301	2.13	1.709
100	12	12	0.00000	1.00000	20	20	1.67	1.667
	Females							
0	100,000	16,763	0.83237	0.16763	89,104	4,199,676	42.00	0.350
1	83,237	10,728	0.87112	0.12888	304,612	4,110,576	49.38	1.359
5	72,509	2,450	0.96621	0.03379	355,338	3,805,964	52.49	2.058
10	70,059	1,567	0.97763	0.02237	346,496	3,450,626	49.25	2.575
15	68,492	2,130	0.96890	0.03110	337,406	3,104,130	45.32	2.627
20	66,362	2,672	0.95974	0.04026	325,285	2,766,724	41.69	2.558
25	63,690	2,901	0.95445	0.04555	311,234	2,441,439	38.33	2.512
30	60,789	2,909	0.95215	0.04785	296,655	2,130,205	35.04	2.494
35	57,880	2,868	0.95045	0.04955	282,222	1,833,550	31.68	2.497
40	55,012	2,921	0.94690	0.05310	267,813	1,551,328	28.20	2.519
45	52,091	3,182	0.93891	0.06109	252,660	1,283,515	24.64	2.550
50	48,909	3,749	0.92335	0.07665	235,469	1,030,855	21.08	2.579
55	45,160	4,687	0.89621	0.10379	214,535	795,386	17.61	2.596
60	40,473	5,981	0.85222	0.14778	187,986	580,851	14.35	2.596
65	34,492	7,410	0.78517	0.21483	154,476	392,865	11.39	2.573
70	27,082	8,421	0.68906	0.31094	114,575	238,389	8.80	2.526
75	18,661	8,172	0.56208	0.43792	72,425	123,814	6.63	2.445
80	10,489	6,169	0.41186	0.58814	35,911	51,389	4.90	2.320
85	4,320	3,187	0.26227	0.73773	12,464	15,478	3.58	2.133
90	1,133	966	0.14740	0.85260	2,676	3,015	2.66	1.906
95	167	155	0.07186	0.92814	319	339	2.03	1.668
100	12	12	0.00000	1.00000	20	20	1.67	1.667

6.2 *Abridged Period Table*, Quebec, 1861

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	18,932	0.81068	0.18932	87,316	4,045,255	40.45	0.330
1	81,068	10,242	0.87366	0.12634	297,015	3,957,943	48.82	1.339
5	70,826	2,236	0.96843	0.03157	347,506	3,660,928	51.69	2.038
10	68,590	1,321	0.98074	0.01926	339,729	3,313,422	48.31	2.561
15	67,269	1,846	0.97256	0.02744	332,006	2,973,693	44.21	2.650
20	65,423	2,428	0.96289	0.03711	321,219	2,641,687	40.38	2.572
25	62,995	2,716	0.95689	0.04311	308,247	2,320,468	36.84	2.523
30	60,279	2,815	0.95330	0.04670	294,385	2,012,221	33.38	2.510
35	57,464	2,921	0.94917	0.05083	280,085	1,717,836	29.89	2.523
40	54,543	3,190	0.94151	0.05849	264,894	1,437,751	26.36	2.548
45	51,353	3,714	0.92768	0.07232	247,747	1,172,857	22.84	2.572
50	47,639	4,535	0.90480	0.09520	227,245	925,110	19.42	2.585
55	43,104	5,621	0.86959	0.13041	201,941	697,865	16.19	2.584
60	37,483	6,809	0.81834	0.18166	170,854	495,924	13.23	2.568
65	30,674	7,758	0.74708	0.25292	134,244	325,070	10.60	2.535
70	22,916	7,947	0.65321	0.34679	94,568	190,826	8.33	2.482
75	14,969	6,924	0.53744	0.46256	56,864	96,258	6.43	2.403
80	8,045	4,772	0.40684	0.59316	27,298	39,394	4.90	2.291
85	3,273	2,370	0.27589	0.72411	9,579	12,096	3.70	2.137
90	903	755	0.16390	0.83610	2,206	2,517	2.79	1.941
95	148	136	0.08108	0.91892	291	311	2.10	1.699
100	12	12	0.00000	1.00000	20	20	1.67	1.667
	Females							
0	100,000	16,689	0.83311	0.16689	89,152	4,280,214	42.80	0.350
1	83,311	10,398	0.87519	0.12481	305,729	4,191,067	50.31	1.354
5	72,913	2,345	0.96784	0.03216	357,660	3,885,338	53.29	2.055
10	70,568	1,493	0.97884	0.02116	349,215	3,527,678	49.99	2.572
15	69,075	2,015	0.97083	0.02917	340,589	3,178,463	46.01	2.625
20	67,060	2,528	0.96230	0.03770	329,130	2,837,874	42.32	2.559
25	64,532	2,757	0.95728	0.04272	315,808	2,508,744	38.88	2.515
30	61,775	2,784	0.95493	0.04507	301,907	2,192,936	35.50	2.497
35	58,991	2,767	0.95309	0.04691	288,042	1,891,029	32.06	2.501
40	56,224	2,840	0.94949	0.05051	274,083	1,602,987	28.51	2.522
45	53,384	3,123	0.94150	0.05850	259,278	1,328,904	24.89	2.553
50	50,261	3,711	0.92617	0.07383	242,335	1,069,626	21.28	2.583
55	46,550	4,685	0.89936	0.10064	221,509	827,291	17.77	2.601
60	41,865	6,037	0.85580	0.14420	194,834	605,782	14.47	2.600
65	35,828	7,562	0.78894	0.21106	160,823	410,948	11.47	2.578
70	28,266	8,690	0.69256	0.30744	119,869	250,125	8.85	2.530
75	19,576	8,527	0.56442	0.43558	76,128	130,256	6.65	2.449
80	11,049	6,493	0.41235	0.58765	37,862	54,128	4.90	2.323
85	4,556	3,368	0.26076	0.73924	13,126	16,266	3.57	2.134
90	1,188	1,016	0.14478	0.85522	2,791	3,140	2.64	1.901
95	172	159	0.07558	0.92442	329	349	2.03	1.657
100	13	13	0.00000	1.00000	21	21	1.58	1.577

6.2 *Abridged Period Table*, Quebec, 1871

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	18,820	0.81180	0.18820	87,391	4,085,838	40.86	0.330
1	81,180	10,047	0.87624	0.12376	297,973	3,998,452	49.25	1.338
5	71,133	2,193	0.96917	0.03083	349,171	3,700,479	52.02	2.039
10	68,940	1,298	0.98117	0.01883	341,533	3,351,308	48.61	2.560
15	67,642	1,811	0.97323	0.02677	333,952	3,009,775	44.50	2.649
20	65,831	2,380	0.96385	0.03615	323,377	2,675,823	40.65	2.572
25	63,451	2,661	0.95806	0.04194	310,665	2,352,446	37.07	2.523
30	60,790	2,761	0.95458	0.04542	297,076	2,041,781	33.59	2.510
35	58,029	2,876	0.95044	0.04956	283,022	1,744,705	30.07	2.523
40	55,153	3,154	0.94281	0.05719	268,040	1,461,683	26.50	2.551
45	51,999	3,691	0.92902	0.07098	251,040	1,193,643	22.96	2.574
50	48,308	4,528	0.90627	0.09373	230,615	942,603	19.51	2.587
55	43,780	5,640	0.87117	0.12883	205,285	711,988	16.26	2.586
60	38,140	6,865	0.82001	0.17999	174,014	506,703	13.29	2.569
65	31,275	7,855	0.74884	0.25116	137,024	332,689	10.64	2.536
70	23,420	8,082	0.65491	0.34509	96,760	195,665	8.35	2.483
75	15,338	7,071	0.53899	0.46101	58,338	98,905	6.45	2.405
80	8,267	4,895	0.40789	0.59211	28,083	40,567	4.91	2.293
85	3,372	2,439	0.27669	0.72331	9,881	12,484	3.70	2.138
90	933	780	0.16399	0.83601	2,280	2,604	2.79	1.942
95	153	141	0.07843	0.92157	304	324	2.11	1.727
100	12	12	0.00000	1.00000	20	20	1.67	1.667
	Females							
0	100,000	16,589	0.83411	0.16589	89,217	4,329,182	43.29	0.350
1	83,411	10,185	0.87789	0.12211	306,672	4,239,970	50.83	1.352
5	73,226	2,287	0.96877	0.03123	359,397	3,933,298	53.71	2.056
10	70,939	1,453	0.97952	0.02048	351,164	3,573,901	50.38	2.570
15	69,486	1,956	0.97185	0.02815	342,783	3,222,737	46.38	2.624
20	67,530	2,458	0.96360	0.03640	331,651	2,879,954	42.65	2.559
25	65,072	2,687	0.95871	0.04129	318,686	2,548,303	39.16	2.516
30	62,385	2,723	0.95635	0.04365	305,115	2,229,617	35.74	2.499
35	59,662	2,717	0.95446	0.04554	291,526	1,924,502	32.26	2.503
40	56,945	2,801	0.95081	0.04919	277,792	1,632,976	28.68	2.525
45	54,144	3,094	0.94286	0.05714	263,158	1,355,184	25.03	2.556
50	51,050	3,695	0.92762	0.07238	246,328	1,092,026	21.39	2.585
55	47,355	4,688	0.90100	0.09900	225,535	845,698	17.86	2.602
60	42,667	6,074	0.85764	0.14236	198,768	620,163	14.53	2.602
65	36,593	7,650	0.79094	0.20906	164,454	421,395	11.52	2.580
70	28,943	8,841	0.69454	0.30546	122,902	256,941	8.88	2.533
75	20,102	8,726	0.56591	0.43409	78,272	134,039	6.67	2.452
80	11,376	6,679	0.41289	0.58711	39,010	55,767	4.90	2.324
85	4,697	3,474	0.26038	0.73962	13,528	16,757	3.57	2.134
90	1,223	1,046	0.14473	0.85527	2,871	3,229	2.64	1.899
95	177	164	0.07345	0.92655	337	358	2.02	1.659
100	13	13	0.00000	1.00000	21	21	1.58	1.577

6.2 *Abridged Period Table*, Quebec, 1881

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	17,301	0.82699	0.17301	88,408	4,196,480	41.96	0.330
1	82,699	9,308	0.88745	0.11255	306,170	4,108,077	49.67	1.354
5	73,391	2,184	0.97024	0.02976	360,539	3,801,907	51.80	2.062
10	71,207	1,339	0.98120	0.01880	352,778	3,441,368	48.33	2.567
15	69,868	1,901	0.97279	0.02721	344,881	3,088,590	44.21	2.654
20	67,967	2,529	0.96279	0.03721	333,703	2,743,709	40.37	2.575
25	65,438	2,836	0.95666	0.04334	320,166	2,410,006	36.83	2.523
30	62,602	2,934	0.95313	0.04687	305,700	2,089,840	33.38	2.509
35	59,668	3,037	0.94910	0.05090	290,813	1,784,140	29.90	2.521
40	56,631	3,315	0.94146	0.05854	275,028	1,493,327	26.37	2.548
45	53,316	3,862	0.92756	0.07244	257,205	1,218,299	22.85	2.573
50	49,454	4,720	0.90456	0.09544	235,874	961,094	19.43	2.586
55	44,734	5,845	0.86934	0.13066	209,549	725,220	16.21	2.584
60	38,889	7,070	0.81820	0.18180	177,240	515,671	13.26	2.566
65	31,819	8,035	0.74748	0.25252	139,277	338,431	10.64	2.533
70	23,784	8,213	0.65468	0.34532	98,234	199,154	8.37	2.481
75	15,571	7,155	0.54049	0.45951	59,278	100,920	6.48	2.404
80	8,416	4,953	0.41148	0.58852	28,676	41,642	4.95	2.294
85	3,463	2,488	0.28155	0.71845	10,209	12,966	3.74	2.144
90	975	811	0.16821	0.83179	2,404	2,757	2.83	1.953
95	164	150	0.08537	0.91463	331	353	2.15	1.740
100	14	14	0.00000	1.00000	22	22	1.57	1.571
	Females							
0	100,000	15,109	0.84891	0.15109	90,179	4,431,344	44.31	0.350
1	84,891	9,389	0.88940	0.11060	314,884	4,341,170	51.14	1.371
5	75,502	2,287	0.96971	0.03029	370,837	4,026,286	53.33	2.082
10	73,215	1,519	0.97925	0.02075	362,401	3,655,449	49.93	2.581
15	71,696	2,088	0.97088	0.02912	353,534	3,293,048	45.93	2.631
20	69,608	2,646	0.96199	0.03801	341,588	2,939,514	42.23	2.562
25	66,962	2,897	0.95674	0.04326	327,611	2,597,926	38.80	2.515
30	64,065	2,926	0.95433	0.04567	312,997	2,270,315	35.44	2.496
35	61,139	2,901	0.95255	0.04745	298,443	1,957,318	32.01	2.500
40	58,238	2,975	0.94892	0.05108	283,819	1,658,875	28.48	2.522
45	55,263	3,268	0.94086	0.05914	268,320	1,375,056	24.88	2.554
50	51,995	3,883	0.92532	0.07468	250,588	1,106,736	21.29	2.582
55	48,112	4,887	0.89842	0.10158	228,825	856,148	17.79	2.599
60	43,225	6,267	0.85501	0.14499	201,069	627,323	14.51	2.597
65	36,958	7,797	0.78903	0.21097	165,882	426,254	11.53	2.575
70	29,161	8,908	0.69452	0.30548	123,787	260,372	8.93	2.528
75	20,253	8,720	0.56945	0.43055	79,025	136,585	6.74	2.450
80	11,533	6,680	0.42079	0.57921	39,813	57,560	4.99	2.328
85	4,853	3,537	0.27117	0.72883	14,171	17,747	3.66	2.146
90	1,316	1,113	0.15426	0.84574	3,154	3,576	2.72	1.921
95	203	187	0.07882	0.92118	395	423	2.08	1.682
100	16	16	0.00000	1.00000	28	28	1.75	1.750

6.2 *Abridged Period Table*, Quebec, 1891

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	16,405	0.83595	0.16405	89,009	4,297,667	42.98	0.330
1	83,595	8,721	0.89568	0.10432	311,380	4,208,663	50.35	1.363
5	74,874	2,130	0.97155	0.02845	368,140	3,897,283	52.05	2.075
10	72,744	1,329	0.98173	0.01827	360,488	3,529,143	48.51	2.568
15	71,415	1,905	0.97332	0.02668	352,615	3,168,655	44.37	2.659
20	69,510	2,550	0.96331	0.03669	341,370	2,816,040	40.51	2.576
25	66,960	2,865	0.95721	0.04279	327,702	2,474,670	36.96	2.522
30	64,095	2,960	0.95382	0.04618	313,101	2,146,968	33.50	2.509
35	61,135	3,067	0.94983	0.05017	298,077	1,833,867	30.00	2.522
40	58,068	3,357	0.94219	0.05781	282,115	1,535,790	26.45	2.550
45	54,711	3,929	0.92819	0.07181	264,026	1,253,675	22.91	2.575
50	50,782	4,820	0.90508	0.09492	242,278	989,649	19.49	2.587
55	45,962	5,981	0.86987	0.13013	215,361	747,371	16.26	2.584
60	39,981	7,242	0.81886	0.18114	182,283	532,010	13.31	2.567
65	32,739	8,232	0.74856	0.25144	143,392	349,727	10.68	2.534
70	24,507	8,418	0.65651	0.34349	101,336	206,335	8.42	2.482
75	16,089	7,348	0.54329	0.45671	61,376	104,999	6.53	2.405
80	8,741	5,110	0.41540	0.58460	29,890	43,623	4.99	2.296
85	3,631	2,592	0.28615	0.71385	10,765	13,733	3.78	2.149
90	1,039	860	0.17228	0.82772	2,580	2,968	2.86	1.959
95	179	163	0.08939	0.91061	362	388	2.16	1.727
100	16	16	0.00000	1.00000	26	26	1.63	1.625
	Females							
0	100,000	14,252	0.85748	0.14252	90,736	4,537,137	45.37	0.350
1	85,748	8,758	0.89786	0.10214	320,044	4,446,405	51.85	1.380
5	76,990	2,219	0.97118	0.02882	378,503	4,126,361	53.60	2.094
10	74,771	1,506	0.97986	0.02014	370,216	3,747,858	50.12	2.584
15	73,265	2,087	0.97151	0.02849	361,386	3,377,642	46.10	2.633
20	71,178	2,664	0.96257	0.03743	349,400	3,016,256	42.38	2.564
25	68,514	2,925	0.95731	0.04269	335,302	2,666,856	38.92	2.515
30	65,589	2,958	0.95490	0.04510	320,540	2,331,554	35.55	2.497
35	62,631	2,938	0.95309	0.04691	305,812	2,011,014	32.11	2.501
40	59,693	3,021	0.94939	0.05061	290,983	1,705,202	28.57	2.523
45	56,672	3,328	0.94128	0.05872	275,222	1,414,219	24.95	2.555
50	53,344	3,963	0.92571	0.07429	257,143	1,138,997	21.35	2.583
55	49,381	4,995	0.89885	0.10115	234,913	881,854	17.86	2.599
60	44,386	6,404	0.85572	0.14428	206,542	646,941	14.58	2.597
65	37,982	7,967	0.79024	0.20976	170,591	440,399	11.59	2.575
70	30,015	9,103	0.69672	0.30328	127,580	269,808	8.99	2.529
75	20,912	8,930	0.57297	0.42703	81,798	142,228	6.80	2.451
80	11,982	6,882	0.42564	0.57436	41,542	60,430	5.04	2.331
85	5,100	3,689	0.27667	0.72333	14,997	18,888	3.70	2.153
90	1,411	1,186	0.15946	0.84054	3,415	3,892	2.76	1.931
95	225	206	0.08444	0.91556	444	477	2.12	1.694
100	19	19	0.00000	1.00000	33	33	1.71	1.711

6.2 *Abridged Period Table*, Quebec, 1901

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	15,502	0.84498	0.15502	89,614	4,495,634	44.96	0.330
1	84,498	7,804	0.90764	0.09236	317,433	4,406,023	52.14	1.366
5	76,694	1,952	0.97455	0.02545	377,782	4,088,590	53.31	2.086
10	74,742	1,240	0.98341	0.01659	370,697	3,710,808	49.65	2.570
15	73,502	1,780	0.97578	0.02422	363,346	3,340,111	45.44	2.661
20	71,722	2,386	0.96673	0.03327	352,828	2,976,765	41.50	2.577
25	69,336	2,679	0.96136	0.03864	340,043	2,623,937	37.84	2.522
30	66,657	2,776	0.95835	0.04165	326,377	2,283,894	34.26	2.512
35	63,881	2,908	0.95448	0.04552	312,218	1,957,517	30.64	2.529
40	60,973	3,237	0.94691	0.05309	296,960	1,645,299	26.98	2.558
45	57,736	3,867	0.93302	0.06698	279,333	1,348,339	23.35	2.583
50	53,869	4,834	0.91026	0.08974	257,713	1,069,006	19.84	2.594
55	49,035	6,106	0.87548	0.12452	230,463	811,293	16.55	2.591
60	42,929	7,506	0.82515	0.17485	196,428	580,830	13.53	2.573
65	35,423	8,663	0.75544	0.24456	155,804	384,402	10.85	2.540
70	26,760	9,001	0.66364	0.33636	111,189	228,598	8.54	2.488
75	17,759	7,989	0.55014	0.44986	68,120	117,409	6.61	2.412
80	9,770	5,656	0.42108	0.57892	33,600	49,289	5.04	2.304
85	4,114	2,921	0.28999	0.71001	12,263	15,689	3.81	2.156
90	1,193	985	0.17435	0.82565	2,979	3,427	2.87	1.968
95	208	190	0.08654	0.91346	420	448	2.15	1.737
100	18	18	0.00000	1.00000	28	28	1.56	1.556
	Females							
0	100,000	13,415	0.86585	0.13415	91,280	4,764,921	47.65	0.350
1	86,585	7,772	0.91024	0.08976	325,965	4,673,645	53.98	1.378
5	78,813	1,991	0.97474	0.02526	388,296	4,347,680	55.16	2.102
10	76,822	1,363	0.98226	0.01774	380,816	3,959,384	51.54	2.583
15	75,459	1,885	0.97502	0.02498	372,834	3,578,568	47.42	2.633
20	73,574	2,414	0.96719	0.03281	361,997	3,205,734	43.57	2.567
25	71,160	2,679	0.96235	0.03765	349,158	2,843,737	39.96	2.521
30	68,481	2,747	0.95989	0.04011	335,543	2,494,579	36.43	2.502
35	65,734	2,769	0.95788	0.04212	321,767	2,159,036	32.85	2.507
40	62,965	2,894	0.95404	0.04596	307,675	1,837,269	29.18	2.529
45	60,071	3,243	0.94601	0.05399	292,446	1,529,594	25.46	2.561
50	56,828	3,932	0.93081	0.06919	274,665	1,237,148	21.77	2.590
55	52,896	5,042	0.90468	0.09532	252,410	962,483	18.20	2.606
60	47,854	6,585	0.86239	0.13761	223,494	710,073	14.84	2.604
65	41,269	8,344	0.79781	0.20219	186,175	486,579	11.79	2.583
70	32,925	9,725	0.70463	0.29537	140,670	300,404	9.12	2.537
75	23,200	9,740	0.58017	0.41983	91,256	159,734	6.89	2.460
80	13,460	7,662	0.43076	0.56924	46,912	68,478	5.09	2.339
85	5,798	4,181	0.27889	0.72111	17,110	21,566	3.72	2.158
90	1,617	1,360	0.15894	0.84106	3,915	4,457	2.76	1.934
95	257	236	0.08171	0.91829	507	542	2.11	1.703
100	21	21	0.00000	1.00000	35	35	1.64	1.643

6.2 *Abridged Period Table*, Quebec, 1911

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	12,981	0.87019	0.12981	91,303	4,801,153	48.01	0.330
1	87,019	6,213	0.92860	0.07140	331,880	4,709,855	54.12	1.393
5	80,806	1,756	0.97827	0.02173	398,987	4,377,975	54.18	2.128
10	79,050	1,191	0.98493	0.01507	392,367	3,978,988	50.34	2.579
15	77,859	1,756	0.97745	0.02255	385,206	3,586,621	46.07	2.671
20	76,103	2,399	0.96848	0.03152	374,711	3,201,415	42.07	2.580
25	73,704	2,699	0.96338	0.03662	361,833	2,826,704	38.35	2.522
30	71,005	2,792	0.96068	0.03932	348,075	2,464,871	34.71	2.511
35	68,213	2,931	0.95703	0.04297	333,830	2,116,796	31.03	2.531
40	65,282	3,301	0.94943	0.05057	318,367	1,782,966	27.31	2.563
45	61,981	3,998	0.93550	0.06450	300,262	1,464,599	23.63	2.588
50	57,983	5,063	0.91268	0.08732	277,753	1,164,337	20.08	2.598
55	52,920	6,446	0.87819	0.12181	249,088	886,584	16.75	2.594
60	46,474	7,967	0.82857	0.17143	213,046	637,496	13.72	2.574
65	38,507	9,234	0.76020	0.23980	169,836	424,450	11.02	2.542
70	29,273	9,650	0.67034	0.32966	122,153	254,614	8.70	2.491
75	19,623	8,650	0.55919	0.44081	75,774	132,461	6.75	2.417
80	10,973	6,231	0.43215	0.56785	38,121	56,687	5.17	2.313
85	4,742	3,311	0.30177	0.69823	14,341	18,566	3.92	2.170
90	1,431	1,167	0.18449	0.81551	3,638	4,226	2.95	1.986
95	264	239	0.09470	0.90530	547	588	2.23	1.764
100	25	25	0.00000	1.00000	42	42	1.66	1.660
	Females							
0	100,000	11,040	0.88960	0.11040	92,824	5,081,209	50.81	0.350
1	88,960	6,091	0.93153	0.06847	340,036	4,988,390	56.07	1.405
5	82,869	1,757	0.97880	0.02120	409,325	4,648,354	56.09	2.143
10	81,112	1,293	0.98406	0.01594	402,452	4,239,029	52.26	2.596
15	79,819	1,838	0.97697	0.02303	394,766	3,836,577	48.07	2.645
20	77,981	2,401	0.96921	0.03079	384,078	3,441,811	44.14	2.573
25	75,580	2,692	0.96438	0.03562	371,233	3,057,733	40.46	2.523
30	72,888	2,777	0.96190	0.03810	357,513	2,686,500	36.86	2.505
35	70,111	2,819	0.95979	0.04021	343,535	2,328,987	33.22	2.510
40	67,292	2,971	0.95585	0.04415	329,133	1,985,452	29.50	2.534
45	64,321	3,366	0.94767	0.05233	313,410	1,656,319	25.75	2.565
50	60,955	4,116	0.93247	0.06753	294,870	1,342,909	22.03	2.594
55	56,839	5,309	0.90660	0.09340	271,495	1,048,039	18.44	2.608
60	51,530	6,947	0.86519	0.13481	241,012	776,544	15.07	2.605
65	44,583	8,812	0.80235	0.19765	201,616	535,532	12.01	2.583
70	35,771	10,294	0.71222	0.28778	153,519	333,916	9.33	2.539
75	25,477	10,396	0.59195	0.40805	101,028	180,397	7.08	2.465
80	15,081	8,343	0.44679	0.55321	53,303	79,369	5.26	2.351
85	6,738	4,740	0.29653	0.70347	20,325	26,066	3.87	2.180
90	1,998	1,651	0.17367	0.82633	4,981	5,741	2.87	1.966
95	347	315	0.09222	0.90778	706	761	2.19	1.732
100	32	32	0.00000	1.00000	55	55	1.72	1.719

6.2 *Abridged Period Table*, Quebec, 1921

Age	l_x	$_nd_x$	$_np_x$	$_nq_x$	$_nL_x$	T_x	e_x	$_na_x$
	Males							
0	100,000	12,013	0.87987	0.12013	91,951	5,113,960	51.14	0.330
1	87,987	4,545	0.94834	0.05166	340,191	5,022,012	57.08	1.413
5	83,442	1,426	0.98291	0.01709	413,169	4,681,821	56.11	2.166
10	82,016	1,024	0.98751	0.01249	407,612	4,268,652	52.05	2.590
15	80,992	1,550	0.98086	0.01914	401,365	3,861,040	47.67	2.681
20	79,442	2,144	0.97301	0.02699	392,023	3,459,675	43.55	2.581
25	77,298	2,408	0.96885	0.03115	380,519	3,067,652	39.69	2.520
30	74,890	2,490	0.96675	0.03325	368,257	2,687,133	35.88	2.513
35	72,400	2,655	0.96333	0.03667	355,473	2,318,876	32.03	2.541
40	69,745	3,079	0.95585	0.04415	341,265	1,963,403	28.15	2.577
45	66,666	3,859	0.94211	0.05789	324,073	1,622,138	24.33	2.601
50	62,807	5,032	0.91988	0.08012	302,003	1,298,065	20.67	2.609
55	57,775	6,566	0.88635	0.11365	273,131	996,062	17.24	2.602
60	51,209	8,290	0.83811	0.16189	236,008	722,931	14.12	2.583
65	42,919	9,811	0.77141	0.22859	190,561	486,923	11.35	2.550
70	33,108	10,489	0.68319	0.31681	139,329	296,362	8.95	2.501
75	22,619	9,659	0.57297	0.42703	88,260	157,033	6.94	2.429
80	12,960	7,184	0.44568	0.55432	45,598	68,773	5.31	2.327
85	5,776	3,967	0.31319	0.68681	17,721	23,175	4.01	2.187
90	1,809	1,460	0.19292	0.80708	4,671	5,455	3.02	2.004
95	349	315	0.09742	0.90258	729	784	2.24	1.773
100	34	34	0.00000	1.00000	55	55	1.62	1.618
	Females							
0	100,000	10,035	0.89965	0.10035	93,477	5,436,412	54.36	0.350
1	89,965	4,379	0.95133	0.04867	348,556	5,342,939	59.39	1.418
5	85,586	1,374	0.98395	0.01605	424,051	4,994,383	58.36	2.177
10	84,212	1,067	0.98733	0.01267	418,504	4,570,332	54.27	2.604
15	83,145	1,544	0.98143	0.01857	412,096	4,151,828	49.93	2.650
20	81,601	2,051	0.97487	0.02513	403,043	3,739,732	45.83	2.580
25	79,550	2,340	0.97058	0.02942	391,972	3,336,689	41.94	2.531
30	77,210	2,460	0.96814	0.03186	379,930	2,944,717	38.14	2.512
35	74,750	2,550	0.96589	0.03411	367,424	2,564,787	34.31	2.519
40	72,200	2,757	0.96181	0.03819	354,231	2,197,363	30.43	2.545
45	69,443	3,211	0.95376	0.04624	339,435	1,843,132	26.54	2.577
50	66,232	4,035	0.93908	0.06092	321,493	1,503,697	22.70	2.604
55	62,197	5,332	0.91427	0.08573	298,278	1,182,204	19.01	2.617
60	56,865	7,135	0.87453	0.12547	267,299	883,926	15.54	2.614
65	49,730	9,255	0.81390	0.18610	226,365	616,627	12.40	2.592
70	40,475	11,079	0.72628	0.27372	175,223	390,262	9.64	2.549
75	29,396	11,522	0.60804	0.39196	117,922	215,039	7.32	2.478
80	17,874	9,596	0.46313	0.53687	64,110	97,117	5.43	2.368
85	8,278	5,706	0.31070	0.68930	25,419	33,007	3.99	2.201
90	2,572	2,100	0.18351	0.81649	6,534	7,588	2.95	1.988
95	472	426	0.09746	0.90254	975	1,054	2.23	1.749
100	46	46	0.00000	1.00000	79	79	1.72	1.717


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