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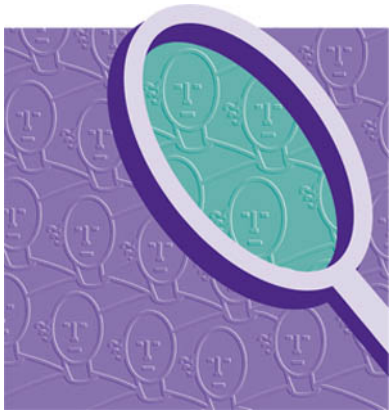
Life Tables, Canada, Provinces and Territories



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Introduction

A life table represents a universally accepted demographic or actuarial model that synthesizes the mortality experience of a population, in a clear and concise manner, and enables comparative measures of expected longevity. The model used to construct these tables assumes that a hypothetical cohort of 100,000 individuals born at the same moment in time is subject to the age-sex-specific mortality rates experienced by an actual population during a specific time period.

This report contains life tables constructed from the age-sex-specific mortality rates observed for Canada, the provinces and the territories in the 2000 to 2002 period. It also explains the methods used to produce these tables, and reproduces the formulae used to derive the estimates. Life tables for the first year of life have been produced separately, by sex, for Canada as a whole. Complete life tables by single year of age, for both males and females, have been generated for Canada and for each province except Prince Edward Island. Because of their small populations and low death counts, abridged life tables with five-year age groups have been produced for both Prince Edward Island and all territories combined, by sex.

For the 1995 to 1997 tables,[1] we introduced some major changes to the methodology for producing the tables: (1) the use of the Coale-Kisker model for mortality at advanced ages instead constructing estimates from actual counts, (2) use of 1 January population estimates instead of stationary population modelling for mortality in children under 5 years of age. For the 2000 to 2002 tables, we therefore chose to adhere as closely as possible to the methodology used in the 1995 to 1997 tables in order to offer the highest degree of consistency and comparability between the two tables so that changes observed would be due more to actual changes in the mortality experience and less due to changes in the methodology.

1. Input data

Creation of the life tables involved three major steps: gathering input data, calculation of mortality rates, and calculation of other life table values. This section describes the first step. For the construction of the 2000 to 2002 life tables, the following input data were required, by sex, for Canada, the provinces and the territories.

Input data for the infant life tables (i.e. for the first year of life):
- The total number of births in 2000 and 2001.
- The number of births by month in 1999 and in 2002.
- The number of infant deaths observed during the 2000 to 2002 period, aggregated by life-span period (i.e. days, weeks and months of life – see Table 1a).
- The value of T_1 by sex, from the corresponding complete life table for Canada (see Formulae (29.1) to (29.4)).

Input data for the complete life tables:
- The number of deaths of children aged 0 to 4 years, observed during the 2000 to 2002 period, by single year of age, year of birth and year of death.
- January 1 population counts, by sex, for the years 2000 to 2003, by single year of age for ages 0 through 4 years.
- Separation factors at ages 0 to 4 years (see appendix 1).
- The number of deaths observed during the 2000 to 2002 period, by single year of age up to 104 years, and a final group of deaths of persons aged 105 and older.
- The number of deaths of persons aged 87 and older, by single year of age, observed during the 2000 to 2002 period (see the Coale and Kisker model, section 2.1.6).
- July 1, 2001 population counts, by individual ages 0-99, and a final age group consisting of persons aged 100 and older.

Input data for the abridged life tables:
- The total number of births recorded during the 1999 to 2002 period.
- The total number of deaths observed during the 2000 to 2002 period for the following age groups: infants under 1 year (age 0), ages 1 to 4 years combined, five-year age groups for ages 5 to 9 to 95 to 99 years, and a final group of deaths of persons aged 100 and older.
- July 1, 2001 population counts for the following age groups: under 1 year (age 0), ages 1 to 4 years combined, five-year age groups for ages 5 to 9 to 95 to 99 years, and a final age group consisting of persons aged 100 years and older.
- Separation factors at ages 0 and 1 to 4 years combined.

Input data for the separation factors:

- The number of deaths observed in the 2000 to 2002 period of children aged 0 to 4 years by death group. The term 'death group' refers to a dichotomous variable derived from the year of birth, year of death and age at death. The death group indicates whether or not an individual had a birthday (or was born - in the case of an infant death) in the calendar year during which their death occurred. See also Appendices 1 and 2.

Data sources:

- Birth and death data by province or territory of residence were compiled by Health Statistics Division, Statistics Canada. These data were extracted from birth and death registrations submitted to Vital Statistics registrars in the province or territory in which the event occurred.

- Population counts, produced by Demography Division, Statistics Canada, are estimates of the July 1, 2001 population, based on the 2001 Canadian Census of Population. These counts include non-permanent residents, and are adjusted for net census under-coverage.[2]

  Adjusted population estimates are generally higher than unadjusted estimates. The use of higher adjusted population estimates results in slightly lower mortality rates, which in turn generate slightly higher life expectancy values than would otherwise have been calculated.[3]

  For Canada as a whole, the complete life table values are shown to age 109 for each sex. For the provinces, these tables have been truncated at ages ranging from 105 to 109 years, depending on the quality of the source data. For Prince Edward Island and the territories (i.e. Yukon, Northwest Territories and Nunavut combined), abridged estimates are presented for five-year age groups, up to age 95 to 99 years, with a final group for ages 100 years and older.

2. Methodology

The methodology followed in constructing the 2000 to 2002 life tables is the same as that employed previously in producing the set of life tables for the years 1995 to 1997.[1] Variance estimation for q_x has again been included, in order to produce coefficients of variation of life expectancies, e_x.

As was done in the 1990 to 92 tables,[4] the value of q_x is not set to 1 for the oldest age published in the complete life tables, but rather is reported as the probability of death estimated for that single year of age. Where data quality permitted, each complete life table was expanded up to age 109 years. The abridged life tables extend to age "100 years plus" rather than to "90 years plus" as in the 1990 to 1992 life tables.

All calculations were carried out using the Statistical Analysis System (SAS)[5] software. Full decimal precision was maintained until the Sirken rounding procedure,[4] used in the 1990 to 1992 life tables, was applied to the data at the end of the calculations. The Sirken rounding procedure sets the values of d_x and L_x equal to the difference between two consecutive rounded values of l_x and T_x, respectively. In this way, both of the following basic relationships are preserved in the published tables: $l_x - d_x = l_{x+1}$ and $T_x - L_x = T_{x+1}$ (see section 3 for an explanation of these symbols).

The following sections describe methodological issues specific to each set of tables.

2.1 Complete life tables

The procedure employed in the construction of the complete life tables is essentially that described by Greville in *United States Life Tables and Actuarial Tables, 1939-1941*.[6] The same methodology was used to produce the earlier sets of life tables for Canada, beginning with the years 1970 to 1972.[4]

The principal values of all life tables are the ${}_nq_x$ values. They represent the probability for persons of exact age "x" of dying within the interval from the beginning of age "x" to the beginning of age "x+n". In other words, ${}_nq_x$ is the probability of death for the hypothetical cohort of 100,000 people in the age interval [x, x+n). For the complete life tables, the age interval is one year, i.e., n = 1. In this case, the left subscript is sometimes omitted and the life table mortality rate is referred to simply as q_x.

Sections 2.1.1 to 2.1.6 show how the q_x values were calculated. The calculation of other life table values is explained in section 3.

2.1.1 Ages 0 to 4 years

By definition,

(1) q_x is the probability that a person aged exactly x years old will die before reaching exact age x+1,

and, since $p_x = 1 - q_x$,

(2) p_x is the probability that a person aged exactly x years will survive to exact age x +1.

By commonly-used notation,[7,8] the probability of survival defined in (2) can be expressed in the form of the product of two other probabilities of survival:

(3) $p_x = ({}_{\alpha}p_x)\,({}_{\delta}p_x)$,

where

- x denotes the age from 0 to 4 years,
- ${}_{\alpha}p_x$ is the probability that a person aged exactly x years old will survive to the end of the calendar year in which age x was attained, and
- ${}_{\delta}p_x$ is the probability that a person alive at the end of the calendar year in which age x was attained will survive to exact age x+1.

From this,

(4) ${}_{\alpha}p_x = P_x' / E_x$,

where

- P_x' is the number of persons who attained age x during the three-year period of observation, in this case, 2000 to 2002, and who were alive at the end of the year in which exact age x was attained, and
- E_x is the number of persons who attained age x during the period 2000 to 2002.

Similarly,

(5) ${}_{\delta}p_x = E_{x+1} / P_x''$,

where

- E_{x+1} is the number of persons who attained age x+1 during the period 2000 to 2002, and
- P_x'' is the number of persons alive at the end of the calendar year in which age x was attained *and* whose $(x+1)^{th}$ birthday falls in the period 2000 to 2002.

Therefore, q_x is calculated by the following equation,

(6) $q_x = 1 - (P_x' / E_x)\,(E_{x+1} / P_x'')$,

for x = 0 to 4 years.

Note: Uppercase letters P and E are not to be confused with lowercase letters p and e that designate, respectively, the proportion of individuals surviving, and the average remaining years of life. For more explanations on how P and E were calculated, see Appendix 2.

In the provincial complete life tables, values of q_0 to q_4 were verified to ensure that they decreased monotonically. Generally $q_0 > q_1$, so ensuring that the series from q_0 to q_4 decreased monotonically required adjustments to the sub-series q_1 through q_4 only. This adjustment proceeded as follows. From definition (1) above, provincial survival probability values p_x were calculated from the q_x, and new p_x were obtained by applying national survival rates at ages 1 to 4 to the geometric mean of provincial survival rates. The new p_x is calculated as follows:[9]

$$(\text{new } p_x) = \frac{(\text{national } p_x)\left[\prod_{k=1}^{4} (\text{old } p_k)\right]^{\frac{1}{4}}}{\left[\prod_{k=1}^{4} (\text{national } p_k)\right]^{\frac{1}{4}}} \qquad (7)$$

for x = 1 to 4 years,

where "national p_x" is the sex-specific national survival probability at age x, and "old p_k" is the previously-calculated sex-specific provincial survival probability at age k. New values of q_x were then calculated from the new values of p_x. An attractive feature of this procedure is that both the old and the new values of p_x (and thus q_x) produce the same number of survivors at age 5. Text table 1 shows an example of this calculation for females in New Brunswick, starting from a cohort of 100,000 live births.

Text table 1 Adjustment of mortality rates, ages 1 to 4 years, New Brunswick females

Age x	Expected number of deaths using old q_x	Expected number of deaths using new q_x
0	368	368
1	27	34
2	9	19
3	17	14
4	25	11
Number of survivors at age 5 years	99,554	99,554

Text table 1 shows the effect of the adjustment of probabilities of death among New Brunswick females aged 1 to 4 years. The new mortality rates at ages 1 to 4 years decrease in a monotonic fashion, and the number of survivors at age 5 remains the same for the old and the new mortality rates.

It is important to note that this procedure requires that q_0 through q_4 already form a monotonically decreasing sequence by sex at the national level. One adjustment was needed to achieve this. For males at the Canada level, the initial estimate of q_2 was slightly lower than q_3 . so in the spirit of the procedure, we simply reversed q_2 and q_3 so that there would be no impact on the number of survivors at age 5.

Formula (7) was applied to the data for males in all provinces except Québec and Manitoba, where this adjustment was unnecessary, because the q_0 through q_4 already formed a monotonically decreasing sequence. The same adjustment needed to be made to the data for females in all provinces except Ontario and Alberta.

2.1.2 Ages 7, 12, 17, ..., 87 years

These ages are referred to as pivotal ages because they represent the middle point of the typical age groups 5 to 9 years, 10 to 14 years, 15 to 19 years, etc. The basic equation, also known as the "Actuarial Method", is

(8) $q_x = 2\, m_x / (2 + m_x)$,

where $x = 7, 12, 17, ..., 87$,

and m_x is the central age-specific death rate, defined as follows:

(8.1) $m_x = (D_x / 3) / P_x$,

where D_x and P_x are defined by King's formula:[4]

$$D_x = 0.216\, D_x' - 0.008\, (D'_{x-5} + D'_{x+5}),$$

$$P_x = 0.216\, P_x' - 0.008\, (P'_{x-5} + P'_{x+5}),$$

in which

D'_x is the sum of deaths observed in the period 2000 to 2002 at ages x-2, x-1, x, x+1 and x+2,

P'_x is the sum of the population estimates at ages x-2, x-1, x, x+1 and x+2.

Although there is uncertainty about the quality of the population estimates above age 90, population counts by single year of age were used for ages up to 99 years. An upper limit of 102 years has been deemed to be acceptable according to research conducted by Bourbeau and Lebel.[10] Using single year values of population counts as far as possible avoided the problem encountered in the 1990 to 1992 publication, in which the last age group of the population was 90 years and older. As a result, D'_{92} and P'_{92}, as calculated, were larger than their true values, and the final effect on m_{87} and q_{87} was considered to be "unknown" in the 1990 to 1992 publication.

Following the example of Chiang,[11] the variance of q_x was estimated as:

(9) $\mathrm{var}(q_x) = q_x^2\, (1 - q_x) / D^*_x$,

where D^*_x is the average number of deaths at age x over the 3-year period 2000 to 2002,

D^*_x = (1/3) [(# deaths at age x in 2000) + (# deaths at age x in 2001) + (# deaths at age x in 2002)].

In place of D^*_x, we actually use $D_x / 3$ where D_x is defined above in King's formula. This is more consistent with the "D" term used in the calculation of m_x and q_x.

2.1.3 Ages 92, 97, 102, 107 and 112 years

At pivotal ages 92 to 112 years, the value of q_x was obtained by extrapolation using Nagnur's "Equation (14)".[12]

(10) $q_x = \min \{(4\, q_{x-5} - 6\, q_{x-10} + 4\, q_{x-15} - q_{x-20}), 1 \}$,

and the corresponding variance estimation (ignoring covariances):

(10.1) $\mathrm{var}(q_x) = 16\, \mathrm{var}(q_{x-5}) + 36\, \mathrm{var}(q_{x-10}) + 16\, \mathrm{var}(q_{x-15}) + \mathrm{var}(q_{x-20})$,

for x = 92, 97, 102, 107 and 112.

2.1.4 Intermediate ages from 13 to 106 years

Intermediate q-values were derived from the q-values at pivotal ages according to Karup-King's third-difference tangential formula subject to an upper bound of 1. This formula preserves the q values calculated so far at pivotal ages.

(11) $q_{x+1} = \min \{ (-0.064\ q_{x-5} + 0.912\ q_x + 0.168\ q_{x+5} - 0.016\ q_{x+10}), 1 \}$,

(12) $q_{x+2} = \min \{ (-0.072\ q_{x-5} + 0.696\ q_x + 0.424\ q_{x+5} - 0.048\ q_{x+10}), 1 \}$,

(13) $q_{x+3} = \min \{ (-0.048\ q_{x-5} + 0.424\ q_x + 0.696\ q_{x+5} - 0.072\ q_{x+10}), 1 \}$,

(14) $q_{x+4} = \min \{ (-0.016\ q_{x-5} + 0.168\ q_x + 0.912 q_{x+5} - 0.064\ q_{x+10}), 1 \}$,

where x = 12, 17, 22, …, 102.

For example, to obtain q_{106}, use the formula for q_{x+3} with x = 102, whereby one would find that the pivotal age values q_{97}, q_{102}, q_{107} and q_{112} are required.

Variance estimation follows the strategy of the previous section, so for example, for q_{x+1}:

$$\text{var}(q_{x+1}) = (0.064)^2\ \text{var}(q_{x-5}) + (0.912)^2\ \text{var}(q_x) + (0.168)^2\ \text{var}(q_{x+5}) + (0.016)^2\ \text{var}(q_{x+10})$$

2.1.5 Intermediate ages from 5 to 11 years

Different formulae were used for the intermediate ages between 5 and 11 years. They are adapted from Nagnur, with a few changes in the signs.[12]

For ages 8 to 11, the following set of four equations was derived from Jenkins' fifth difference osculatory non-reproducing formula:

(15) $q_8 = -(217\ q_2 - 3{,}892\ q_7 - 966\ q_{12} + 140\ q_{17} + q_{22}) / 4{,}500$,

(16) $q_9 = -(296\ q_2 - 3{,}056\ q_7 - 1{,}968\ q_{12} + 220\ q_{17} + 8\ q_{22}) / 4{,}500$,

(17) $q_{10} = -(279\ q_2 - 2{,}124\ q_7 - 2{,}862\ q_{12} + 180\ q_{17} + 27\ q_{22}) / 4{,}500$,

(18) $q_{11} = -(208\ q_2 - 1{,}228\ q_7 - 3{,}054\ q_{12} + 40\ q_{17} + 64\ q_{22}) / 4{,}500$.

This produces a smoother curve than Karup-King's formula which was used for the intermediate ages from 13 to 105 years.[13]

Finally, for ages 5 and 6:

(19) $q_5 = - 0.3\ q_3 + q_4 + 0.5\ q_7 - 0.2\ q_8$,

(20) $q_6 = - 0.2\ q_3 + 0.5\ q_4 + q_7 - 0.3\ q_8$.

Note that since these formulae use q_2, q_3 and q_4, but some adjustments are made to these estimates in order to ensure that the series q_0 through q_4 decreases monotonically as was described in Section 2.1.1. Nonetheless, the values of q_5, q_6 and q_8 through q_{11} calculated based on the original unadjusted values of q_1 through q_4 were retained.

2.1.6 Model-based replacement estimates of national and provincial mortality rates at advanced ages

As noted in Section 2.1.2, the quality of population estimates becomes very uncertain at advanced ages. Coale and Kisker[14] found significant problems in the accuracy of population estimates for advanced ages in the U.S., in part due to misreporting of age. As a result, they developed a model-based alternative for

estimating the central death rates for advanced ages. This method produces a more realistic evolution of mortality rates at very old ages, since recent observations show a deceleration in the rate of increase of mortality rates. The method follows these steps:

Compute age-specific central death rates for x = 82, 83, …, 86 years:

$$M_x = D^*_x / P_x ,$$

where, as in Section 2.1.2 above, D^*_x is the average number of deaths at age x over the 3-year period 2000 to 2002. (This time, we did not use the King's formula, which produces D_x.)

Take the average of M_x around x = 84:

$$M_{avg} = (1/5) (M_{82} + M_{83} + M_{84} + M_{85} + M_{86});$$

Define two constants (K_{85} and S) next:

$$K_{85} = (1/4) \log(M_{86} / M_{82});$$

$$S = (-1/325) [\log(M_{avg} / M_{110}) + 26 K_{85}].$$

Set M_{110} = 1 for males and 0.8 for females.

For age values of x from 87 years onward, the new CK (Coale-Kisker) estimates for age-specific death rates are calculated as follows:

(21) $M_{CK}(x) = M_{avg} \text{EXP}\{ (x - 84)[K_{85} + (x - 85)(S/2)] \}.$

For ages (87 years) x (117 years), the new CK estimates for the probability of dying before the next birthday were calculated as in the basic equation (8):

(22) $Q_{CK}(x) = (2 M_{CK}(x)) / (2 + M_{CK}(x)).$

The variance estimation on the new CK estimates used $Q_{CK}(x)$ in place of q_x in Formula (9).

It was then necessary to decide at what age to replace the value of q_x calculated from observed data by Equation (8) with the new model-based value of $Q_{CK}(x)$. We repeated the decision taken for the 1995 to 1997 tables here. For the province-level estimates, the value of q_x was kept up to the pivotal age x = 87 years, and then the value of $Q_{CK}(x)$ was used starting with x = 88 years. At the national level, however, the value of q_x was kept up to x = 92 years, and then replaced with the value of $Q_{CK}(x)$ starting at x = 93 years.

This raised another question, however. Recalling the computation of q values for intermediate ages in Section 2.1.4, it can be seen, for example, that the computation of q_{88} through q_{91} requires the use of q_x at the pivotal ages 77, 82, 87, 92 and 97. Now that new values of q_x at age 97 years at the national level, and at ages 92 and 97 years at the provincial level have been calculated, the decision needed to be made whether to re-compute the values of q_{88} through q_{91} with these new pivotal age q_x values. Since the smoothness of the q_x series, produced with the original q_{88} through q_{91} values combined with the new pivotal age q_x values, was satisfactory, no further adjustments were made.

2.2 Abridged life tables

In an abridged life table, the move from one row to the next usually involves a gap of more than a single year of age. For this reason, in this section the notation ${}_nq_x$ is used for the probability that a person of exact age x years will die before reaching exact age x+n.

Abridged life tables were required for the province of Prince Edward Island and for all northern territories combined because their smaller populations prevented meaningful construction of complete life tables for these areas. Hence, following the procedure adopted for the 1970 to 1972 life tables, abridged life tables were constructed separately for males and females. The methodology has been explained in a technical paper by Silins and Zayachkowski.[15] Whereas the life tables for the 1990 to 1992 publication followed this methodology closely, some enhancements were made for the 1995 to 1997 publication, and these have been followed for the 2000 to 2002 publication.

The first step was to define 22 age groups: 0 years, 1 to 4 years, 5 to 9 years, 10 to 14 years, 15 to 19 years, 20 to 24 years, 25 to 29 years, 30 to 34 years, 35 to 39 years, 40 to 44 years, 45 to 49 years, 50 to 54 years, 55 to 59 years, 60 to 64 years, 65 to 69 years, 70 to 74 years, 75 to 79 years, 80 to 84 years, 85 to 89 years, 90 to 94 years, 95 to 99 years, and 100 years and older.

Next, the following calculations were performed at the provincial level:

(23) $m_x = D_x / (3 P_x)$,

where

m_x is the age-specific central death rate,

x designates the lower bound of each age group: x = 0, 1, 5, 10, ..., 85, 90, 95, 100 years,

D_x is the number of deaths in the age group starting with age x during the period 2000 to 2002, and

P_x is the population count in the age group starting with age x on July 1, 2001, adjusted for net census under-coverage and including non-permanent residents (see Section 1).

(24) $F_0 = g_2 / (g_1 + g_2)$,

where

F_0 is the separation factor at age 0 years, and

g_k is the number of deaths at age 0 years in death group k; group 1 contains individuals who died in the calendar year in which they were born; group 2 contains individuals who died in the calendar year following their birth year (see Appendix 1 for more details).

As explained in detail in Appendix 1, separation factors were calculated separately by sex, but not necessarily by province. Data for PEI and the northern territories were included with other provinces into "regions" for greater stability in the computation of separation factors for the abridged life tables. For PEI, separation factors were calculated with data for all four Atlantic provinces combined. For the three northern territories combined, separation factors were calculated with data for the territories in combination with all of western Canada (from Manitoba westward).

For the first row of the Abridged Table, which represents age 0 to 1:

(25.1) $_1q_0 = D_0 / [B_{99-01} (F_0) + B_{00-02} (1 - F_0)]$,

where

D_0 is the number of deaths at age 0 years observed during the period 2000 to 2002,

B_{99-01} is the total number of births observed during the period 1999 to 2001,

B_{00-02} is the total number of births observed during the period 2000 to 2002.

For the second row of the Abridged Table, which represents age 1 to 4:

(25.2) $_4q_1 = m_1 / \beta_1$, known as Greville's method,[3]

where

m_1 is defined by Equation (23), and

$\beta_1 = (1 / w_1) + m_1 [(1 - F_1) + (w_1 /12) (m_1 - k)]$,

in which

w_1 = 4 (the width of the age 1 to 5 years interval),

F_1 is the separation factor for the 1 to 4 years age group, calculated by sex and by region as explained above, and

$k = (1/45) \ln (m_{85} / m_{40})$.

For all of the subsequent rows of the Abridged Table, which cover 5-year age groups:

(25.3) ${}_5q_x = m_x / \beta_x$,

where

x = 5, 10, ..., 85, 90, 95,

m_x is defined by Equation (23), and

$\beta_x = (1 / w_x) + m_x \ [0.5 + (w_x/12) (m_x - k)]$,

in which

w_x = 5 (the width of age intervals for x = 5 through 95), and

$k = (1/45) \ln (m_{85} / m_{40})$.

For all values of ${}_nq_x$ up to this point, the following variance estimate is used:

(25.4) $\mathrm{Var}(q_x) = {}_nq_x^2 (1 - {}_nq_x) / D_x$.

(25.5) $q_{100} = 1$

Note that $\mathrm{var}(q_{100}) = 0$, whether because the value of q_{100} is set to a constant, or whether the variance estimation formula above is used. An unfortunate consequence is that the value of $\mathrm{var}(e_{100}) = 0$.

(26.1) $l_0 = 100{,}000$

(26.2) ${}_1d_0 = {}_1q_0 \ l_0$

(27.1.1) $l_1 = l_0 - {}_1d_0$

(27.1.2) ${}_4d_1 = {}_4q_1 \ l_1$

(27.2.1) $l_5 = l_1 - {}_4d_1$

(27.2.2) ${}_5d_5 = {}_5q_5 \ l_5$

(27.3.1) $l_x = l_{x-5} - {}_5d_{x-5}$ for x = 10, 15, ..., 100

(27.3.2) ${}_5d_x = {}_5q_x \ l_x$ for x = 10, 15, ..., 100

(28.1) ${}_1L_0 = l_0 - (1 - F_0) \ {}_1d_0$

(28.2.1) ${}_4L_1 = {}_4d_1 / {}_4m_1$ if ${}_4m_1 \neq 0$

(28.2.2) ${}_4L_1 = 4 \ l_1$ if ${}_4m_1 = 0$

(28.3.1) ${}_5L_5 = {}_5d_5 / {}_5m_5$ if ${}_5m_5 \neq 0$

(28.3.2) ${}_5L_5 = 5\ l_5$ if ${}_5m_5 = 0$

(28.4.1) ${}_5L_x = 2.5\ (l_x + l_{x+5}) + (5/24)\ ({}_5d_{x+5} - {}_5d_{x-5})$

if ${}_5m_x \neq 0$, for x = 10, 15, ..., 90

(28.4.2) ${}_5L_x = 5\ l_x$ if ${}_5m_x = 0$, for x = 10, 15, ..., 90

(28.5.1) ${}_5L_{95} = {}_5d_{95} / {}_5m_{95}$ if ${}_5m_{95} \neq 0$

(28.5.2) ${}_5L_{95} = 5\ l_{95}$ if ${}_5m_{95} = 0$

(28.6.1) $L_{100+} = d_{100+} / m_{100+}$ if $m_{100+} \neq 0$

(28.6.2) $L_{100+} = 4\ l_{100+}$ if $m_{100+} = 0$

(29.1) $T_{100+} = L_{100+}$

(29.2) $T_x = T_{x+5} + {}_5L_x$ for x = 95, 90, ..., 5 (values of x descending)

(29.3) $T_1 = T_5 + {}_4L_1$

(29.4) $T_0 = T_1 + {}_1L_0$

(30) $e_x = T_x / l_x$ for x = 0, 1, 5, 10, ..., 100

For the variance estimation of e_x, the procedure illustrated in Chiang[11] for the variance estimation of q_x was followed, using the formula:

(30.1) $$\text{var}\ (e_x) = \frac{1}{l_x^2} \sum_{i=x}^{N-1} l_i^2\ [(1 - f_0)\ w_i + e_{i+1}]^2\ \text{var}(\ q_x)$$

where,

N is the total number of rows in the table, and

w_x is the width of the age interval for which x is the lower bound.

(31) ${}_np_x = 1 - {}_nq_x$; n = 1 for x = 0; n = 4 for x = 1; n = 5 for x = 5, 10, ..., 95

After the above calculations were performed, values were rounded according to Sirken's[4] method, which consists of the following steps:

- round l_x and T_x to the nearest integer, for x = 0, 1, 5, 10, ..., 100
- set ${}_1d_0 = l_0 - l_1$
- set ${}_4d_1 = l_1 - l_5$
- set ${}_5d_x = l_x - l_{x+5}$ for x = 5, 10, ..., 95
- set ${}_5d_{90} = l_{90}$
- set ${}_1L_0 = T_0 - T_1$
- set ${}_4L_1 = T_1 - T_5$
- set ${}_5L_x = T_x - T_{x+5}$ for x = 5, 10, ..., 95
- set ${}_5L_{90} = T_{90}$
- round ${}_np_x$, ${}_nq_x$ and e_x for x = 0, 1, 5, 10, ..., 100 (${}_np_x$ and ${}_nq_x$ are rounded to the fifth decimal place; e_x is rounded to the second decimal place).

2.3 Infant life tables

This is the seventh time that sets of life tables for subdivisions of the first year of life have been produced for Canada. As was the case with respect to the 1990 to 1992 life tables, the method described in detail by Sirken[16] was employed in constructing these tables. The basic underlying assumption in the production of these tables is that a closed cohort of 100,000 live births is subject to the mortality rates of each subdivision of one year of age, but for the first year of life only.

Vital statistics data files of deaths (years 2000 to 2002) and births (years 1999 to 2002) were used to produce infant life tables. The age at death was calculated as the number of completed days or months of life. For deaths occurring within 24 hours of birth, the age was reported as the number of minutes or hours lived. For these deaths, age was coded as 0 days (i.e., less than one day lived). Other infant deaths were coded as the number of days or months lived as reported on the death data files.

The following 21 subdivisions of the first year of life were used to calculate probabilities of death in infant life tables: the first seven days, weeks 2 to 4, and months 2 to 12. In addition to those subdivisions, infant life tables include two more rows: one for the first week (summing deaths from the first seven days) and one for the first month (summing deaths from the first four weeks).

Text Table 2 Subdivisions of the first year of life

Subdivision Number (s)	Age Interval	Subdivision Number (s)	Age Interval
1	≥ 0 and < 1 day	12	≥ 2 and < 3 months
2	≥ 1 and < 2 days	13	≥ 3 and < 4 months
3	≥ 2 and < 3 days	14	≥ 4 and < 5 months
4	≥ 3 and < 4 days	15	≥ 5 and < 6 months
5	≥ 4 and < 5 days	16	≥ 6 and < 7 months
6	≥ 5 and < 6 days	17	≥ 7 and < 8 months
7	≥ 6 and < 7 days	18	≥ 8 and < 9 months
8	≥ 1 and < 2 weeks	19	≥ 9 and < 10 months
9	≥ 2 and < 3 weeks	20	≥ 10 and < 11 months
10	≥ 3 and < 4 weeks	21	≥ 11 and < 12 months
11	≥ 4 weeks and < 2 months		

2.3.1 Probabilities of death

The probabilities of death for the 21 subdivisions of the first year of life were calculated in two steps, as follows.

Step 1: Calculate the number of births exposed to the risk of death

For each of the 21 subdivisions of the first year of life, β_s, the number of births in subdivision s that were exposed to the risk of death, was calculated from the following formulae. The formulae are attributable to Sirken and are expressed differently but equivalently by other authors.[7, 11, 15]

For subdivision 21 (corresponding to the age interval 11 to 12 months):

$$(32)\quad \beta_{21} = \left\{ \frac{B_{1999,1}}{2} + \sum_{m=2}^{12} B_{1999,m} \right\} + \left\{ \sum_{m=1}^{12} (B_{2000,m} + B_{2001,m}) \right\} + \left\{ \frac{B_{2002,1}}{2} \right\},$$

where $\beta_{y,m}$ is the number of births observed in month m of year y.

For subdivisions 20, 19, …,11:

$$(33)\quad \beta_{21-(i-1)} = \left\{ \frac{B_{1999,i}}{2} + \sum_{m=i+1}^{12} B_{1999,m} \right\} + \left\{ \sum_{m=1}^{12} \left(B_{2000,m} + B_{2001,m} \right) \right\} + \left\{ \left(\sum_{m=1}^{i-1} B_{2002,m} \right) + \frac{B_{2002,i}}{2} \right\}$$

for i = 2 to 11.

For subdivisions 10, 9, ..., 1:

$$(34)\quad \beta_{21-(i-1)} = \left(f_i B_{1999,12} \right) + \left\{ \sum_{m=1}^{12} \left(B_{2000,m} + B_{2001,m} \right) \right\} + \left\{ \left(\sum_{m=1}^{11} B_{2002,m} \right) + \left(1 - f_i \right) B_{2002,12} \right\}$$

for i = 12 to 21, i.e., i - 1 = 11 to 20, where f_i is the fraction given in Text Table 3.

Text Table 3 Fractions used in the calculation of births exposed to the risk of death, for subdivisions 10 to 1

i	12	13	14	15	16	17	18	19	20	21
Subdivision no. s = 21 - (i-1)	10	9	8	7	6	5	4	3	2	1
f_i	49/62	35/62	21/62	13/62	11/62	9/62	7/62	5/62	3/62	1/62

Fractions f_i are used for i = 12 to 21. This corresponds to subdivisions 10 to 1, respectively, which are the subdivisions for the first month of life, as shown in Text Tables 2 and 3. For example, f_{21} is used in calculating the number of births exposed to the risk of death in subdivision no. 1 (which corresponds to the first day of life). In this case, $f_{21}\ B_{1999,12} = (1/62)\ B_{1999,12}$ represents half of the births observed during the last day of 1999 (December 31, 1999): (0.5) (1/31) = 1/62. For i = 20, s = 2 and $f_{20}\ B_{1999,12} = (3/62)\ B_{1999,12}$ represents all births observed during the last day of 1999, plus half of the births observed on the day before (December 30, 1999): (1/31) + (0.5) (1/31) = 3/62.

The assumption underlying the use of the above fractions is that births were uniformly distributed during the months of December 1999 and 2002. Similarly, the fraction 1/2 is used in Formulae (32) and (33) above under the assumption that births in the corresponding months were uniformly distributed.

Step 2: Calculate probabilities of death

The probability of death for subdivision s was then calculated according to the following equations:

$$(35)\quad q_1 = d_1/\beta_1$$

$$(36)\quad q_s = d_s \ / \left\{ \beta_s - \sum_{k=1}^{s-1} d_k \right\}$$

where,

d_1 is the number of deaths in subdivision 1, and

d_s is the number of deaths in subdivision s, for s = 2 to 21.

For variance estimation, the formula from Chiang[11] was used again:

$$(37)\quad \mathrm{Var}(q_s) = q_s^2 \left(1 - q_s \right) / d_s.$$

2.3.2 Stationary population

The number of person-years in the stationary population was calculated as follows:

(38) $L_s = c_s [l_s - d_s/2]$ for s = 1 to 21,

where,

c_s represents the duration of the age interval in years: for a period of one day (s = 1 to 7), c_s is 1/365; for a period of one week (s = 8 to 10), c_s is 7/365; for the second month of life (s = 11), c_s is 357/4,015; for months 3 to 12 of life (s = 12 to 21), c_s is 335/4,015;

l_s is the number of persons alive at the beginning of subdivision s; and

d_s is the number of deaths in subdivision s.

For the first day of life, the number of deaths is usually multiplied by a factor greater than 0.5. The usual formula is:

(39) $L_1 = c_1 [l_1 - (1 - f_0) d_1]$,

where

c_1 = 1/(365+1/3), because there were on average 365 + 1/3 days in each of the years 2000, 2001 and 2002, and

f_0 denotes the fraction of deaths in the first day of life (i.e., deaths within 24 hours after birth) that occurred on the calendar day following birth.

The fraction f_0 can be expressed as:

(40) $f_0 = \delta_2 / (\delta_1 + \delta_2)$

where

δ_1 is the number of deaths in the first day of life that occurred on the day of birth, and

δ_2 is the number of deaths in the first day of life that occurred on the calendar day following the day of birth.

On average, since death in the first day of life occurs more often within the first few hours following birth, δ_1 should be greater than δ_2. This implies that f_0 should be less than 0.5 and that 1 - f_0 should be greater than 0.5. The values of f_0 at the Canada level were calculated to be 0.10882 for males and 0.11873 for females.

3. Explanation of life table column headers

This document contains three types of life tables: infant life tables (i.e. life tables for the first year of life), complete life tables, and abridged life tables. Estimates have been generated for males and females separately for all of these tables. In the case of the infant life tables, data have been produced at the Canada level only. Complete life tables have been constructed for Canada and all of the provinces, except Prince Edward Island. Abridged tables have been derived for Prince Edward Island and the combined territories (i.e. Yukon, Northwest Territories and Nunavut) only.

Age x column: Age interval

The major visual difference between the various life tables found in this publication lies in the age groupings for which estimates have been produced. In the case of infant life tables, age groupings are of the form [x, x+n), where the first age, x, is included in the interval while the second age, x+n, is not. In other words, the

first age value indicates the number of *completed* lifetime units (in days or months). For example, the interval "0-1 day" refers to deaths that occur in the 24-hour interval starting at a live birth (stillbirths are excluded) and ending at the end of day 1 (i.e. 23 hours and 59 minutes after birth, which is reported as 23 completed hours). The interval "1 to 2 days" represents the interval spanning the beginning of the second day to the end of the second day of life; that is, it comprises the deaths of infants who completed the first day of life but died before completing the second day.

In the case of *complete life tables*, there is only one age value per line, which indicates the number of completed years lived. The intervals in this table represent the interval between two exact ages. In other words, age x represents an interval of one year, starting at the beginning of the day an individual reaches exact age x and ending at the end of the day prior to that individual's next (x+1) birthday. For example, death at age 30 years means that the death occurred on or after the 30th birthday but before the 31st birthday.

In *abridged life tables*, age intervals are of the form [x, x+n-1]; that is, both ages x and x+n-1 are included in the interval. For example, age interval [40, 44] comprises deaths occurring among 40 to 44 year-olds (i.e., the interval starts at age 40 and ends just before reaching the 45th birthday). Most age intervals in abridged life tables span five years. The exceptions occur in the first two rows of these tables and the last row: the first row (age 0) represents a one-year interval and the second row, a four-year interval (ages 1 to 4); the last row, however, is an open age interval, which comprises all deaths occurring at ages 100 and older.

l_x column: Number of survivors to exact age x

This column represents an estimate of the number of persons in an initial cohort of 100,000 live births who are still alive at the beginning of each subsequent age interval (i.e. at the attainment of exact age x). The expected number of survivors, which slowly drops as the cohort ages, is assumed to depend on the age-sex-specific mortality rates experienced in 2000 to 2002. Progressive values of l_x are derived by the successive application of ${}_nq_x$ mortality rates to the remainder of the original cohort of 100,000 live births still alive at the beginning of each interval.

One very useful application of this column is that it can be used to estimate probabilities of surviving to age y given that the person has so far lived to age x, where y > x. From page 156 of Chiang[11], we have:

$$\Pr(\text{survive to age } y \mid \text{lived to age } x) = l_y/l_x$$

For example, from the Canada table for females, from a cohort of 100,000 live births, we expect 99,411 of them to still be alive at age 10, and 99,197 of them to still be alive at age 20. We can therefore estimate the probability that a 10-year-old girl will live to see her 20th birthday as:

$$\Pr(\text{survive to age } 20 \mid \text{lived to age } 10) = l_{20}/l_{10} = 99{,}197/99{,}411 = 0.9978$$

${}_nd_x$ column: Number of persons dying between exact age x and age x+n

This column shows the number of persons dying in each successive age interval who were alive at the beginning of the interval. These values are obtained by first multiplying l_x by the corresponding value of ${}_nq_x$ (i.e., ${}_nd_x = l_x\,{}_nq_x$). Then, after calculating all life table values using the full decimal precision provided by SAS, l_x values are rounded to the nearest integer, and ${}_nd_x$ values are set equal to the difference between consecutive rounded values of l_x (i.e. Sirken's rounding method[3] is used, where ${}_nd_x$ is ultimately assigned the value of $l_x - l_{x+n}$).

${}_np_x$ column: Life table survival rate (or proportion surviving to age x+n)

This column represents the probability that a person exact age x will survive to reach exact age x+n, that is, the proportion of cohort survivors at the beginning of an age interval who are expected to survive to the beginning of the next age interval. The value of ${}_np_x$ "the proportion surviving" is the complement from 1 of ${}_nq_x$, "the proportion dying" (i.e., ${}_np_x = 1 - {}_nq_x$).

$_nq_x$ column: Life table mortality rate (or proportion dying between exact age x and age x+n)

This column represents the probability that a person of exact age x will die before reaching age x+n, that is, the proportion of cohort survivors at the beginning of an age interval who are expected to die before reaching the beginning of the next age interval. *This is the most important column of the life table, because it is the basis for the entire table structure*. Specifically, this is the initial column in the generation of a life table (i.e. derived from the observed data), and from which other columns are derived, on the basis of interdependent relationships.

cv($_nq_x$) column: The coefficient of variation of the variable $_nq_x$

The coefficient of variation (cv) associated with an estimated value for a variable (such as q) is a measure used to compare the variability of that estimate. This measure is derived from the variance estimate for the value of the variable via an intermediate step. (Variance estimates for q are described in Section 2.) Once the variance for q has been calculated, the estimated standard error (se) of q is calculated simply by taking its square root:

$$se\ (q) = \sqrt{var\ (q)}$$

Thus *se* is a measure of variation in the same scale as q.

The following step transforms *se* into a coefficient of variation, which is a relative measure of variation. The formula below shows that a given *se* measurement will have a greater impact on a smaller q estimate than it will on a larger q value.

$$cv\ (q) = se\ (q) / q$$

The coefficients of variation in the life tables are expressed in percentages. For example, in Table 2a, q_7 for females at the Canada level has a value of 0.000071, with an accompanying cv of 26.6%. This means that the estimated standard error of the q_7 estimate is the product of the cv and q_7, or $se(q_7) = cv(q_7)^* q_7 = 0.266(0.000071) = 0.000019$. Then, using a normal distribution approximation to the underlying distribution for estimates for q_7, there is:

- a 68% probability that the interval [0.000052, 0.000090] covers the true q_7 value, where this interval is built from one standard error above and below the q_7 estimate
- a 95% probability that the interval [0.000033, 0.000109] covers the true q_7 value, where this interval is built from two standard errors above and below the q_7 estimate
- a 99% probability that the interval [0.000023, 0.000119] covers the true q_7 value, where this interval is built from 2.5 standard errors above and below the q_7 estimate

Estimates with a coefficient of variation exceeding 33.3% are to be used with great caution, since they are highly variable. Although q estimates with coefficients of variation equal to or greater than 100.0% are published here, the coefficients of variation themselves have been suppressed.

$_nL_x$ column: Stationary population (number of life years lived in the age interval)

$_nL_x$ indicates the number of life years lived by persons in the stationary population in the age interval [x, x+n). If one assumes that a) a cohort of 100,000 persons is being born every year for an indefinite period of time, b) the proportion dying in each age interval is fixed (as determined by the values of $_nq_x$), c) deaths are evenly distributed over time within age intervals; d) there is no migration, and e) the births are evenly distributed over the calendar year, then the survivors of these successive cohorts constitute a “stationary population.” The term “stationary” is used because the number of persons living in any given age group does not change over time, and the number entering any given age group equals the number leaving the group due to death or aging (i.e. passage from one age group to the next). The number of deaths each year equals the number of births, which equals 100,000. In other words, the assumptions involved imply that column $_nL_x$ remains fixed from one year to the next and thus stationary.

The derivation of the values of $_nL_x$ does vary at young ages, however, due to the unequal distribution of deaths throughout the youngest age intervals (i.e. there is a higher risk of death during the earlier part of these intervals and a progressively reduced risk in the later part). To compensate for this problem, at ages 0 to 4 years, the following formulae are used in the calculations of the complete life tables:

(41) $L_x = l_x - (1 - F_x)\ d_x$

for x = 0, 1,

(42) $L_x = l_x - (1 - F_x)\, d_x - (d_{x-1} - d_{x+1})/24$

for x = 2 to 4,

where F_x represents the separation factor at age x, that is, the proportion of individuals dying in age interval [x, x+1) who have lived in excess of half the interval. (See Appendix 1 for actual F_x values used.)

At ages five years and older, it is considered sufficiently accurate to use the following approximate formula (equivalent to Equation (41) with $F_x = 0.5$):

(43) $L_x = l_x - 0.5\, d_x$

for x = 5 to the maximum age in the life table.

T_x column: Cumulative stationary population (total number of life years lived beyond age x)

T_x shows the total number of years lived by persons in the stationary population in the indicated age interval and all subsequent age intervals.

(44) $T_x = \sum_{k=x}^{\omega} L_k$,

for x = 0 to ω

where ω is the maximum age in the life table (note: at age ω, $T\omega = L\omega$).

e_x column: Life expectancy at age x (average remaining lifetime)

Life expectancy at age x represents the average number of years remaining to be lived by persons surviving to exact age x, based on a given set of age-sex-specific mortality rates (such as the 2000 to 2002 mortality rates) from that age onwards.

Life expectancy at age x is calculated by dividing the T_x value (the total number of person-years lived at that age and subsequent ages) by the corresponding l_x value (the number of survivors at that age):

(45) $e_x = T_x / l_x$

Note: Following the recommendation in Chiang[11] to simplify the notation, the symbol e_x is used instead $\overset{\circ}{e}_x$ denote full life expectancy at age x.

For example, in the 2000 to 2002 complete life tables for Canada (Tables 2a and 2b), the average number of years of life remaining for 60-year-old Canadian males is 20.84 years, for an average age at death of 80.84 years. The corresponding estimate for 60-year-old Canadian females is 24.72 remaining years of life (on average), with death occurring at 84.72 years (on average).

cv(e_x) column: The coefficient of variation of the variable e_x

The variance estimation of e for the complete life tables mirrors that of the abridged tables [see Section 2, Equation (30.1)], with the following two modifications: a) in each row, $w_x = 1$; b) the number of rows (N) equals 110 (for ages 0 through 109 years inclusively). Once var(e_x) is obtained, cv(e_x) is calculated in the same fashion as cv(q_x).

For an explanation on how to interpret the cv(e_x) column, see the description for the cv($_nq_x$) column: the coefficient of variation of the variable $_nq_x$.

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Table 1a Life table for the first year of life, Canada, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 to 1 day	100000	252	0.99748	0.00252	4.8	273	7691798	76.92	0.04
1 to 2 days	99748	23	0.99977	0.00023	16.0	273	7691525	77.11	0.04
2 to 3 days	99725	20	0.99998	0.00020	17.1	273	7691252	77.12	0.04
3 to 4 days	99705	14	0.99986	0.00014	20.9	273	7690979	77.14	0.04
4 to 5 days	99691	11	0.99989	0.00011	23.1	273	7690706	77.15	0.04
5 to 6 days	99680	8	0.99991	0.00009	26.1	273	7690433	77.15	0.04
6 to 7 days	99672	7	0.99994	0.00006	30.6	273	7690160	77.15	0.04
0 to 7 days	100000	335	0.99665	0.00335	4.2	1911	7691798	76.92	0.04
7 to 14 days	99665	40	0.99959	0.00041	12.1	1909	7689887	77.16	0.04
14 to 21 days	99625	23	0.99977	0.00023	16.1	1908	7687978	77.17	0.04
21 to 28 days	99602	13	0.99987	0.00013	21.2	1909	7686070	77.17	0.04
0 to 28 days	100000	411	0.99589	0.00411	3.8	7637	7691798	76.92	0.04
28 days to 2 months	99589	48	0.99952	0.00048	11.1	8963	7684161	77.16	0.04
2 to 3 months	99541	33	0.99967	0.00033	13.3	8294	7675198	77.11	0.04
3 to 4 months	99508	21	0.99979	0.00021	16.7	8291	7666904	77.05	0.04
4 to -5 months	99487	16	0.99984	0.00016	19.5	8290	7658613	76.98	0.04
5 to 6 months	99471	12	0.99988	0.00012	22.0	8289	7650323	76.91	0.04
6 to 7 months	99459	12	0.99987	0.00013	21.6	8288	7642034	76.84	0.04
7 to 8 months	99447	6	0.99994	0.00006	32.2	8287	7633746	76.76	0.04
8 to 9 months	99441	5	0.99995	0.00005	34.0	8286	7625459	76.68	0.04
9 to 10 months	99436	7	0.99994	0.00006	30.6	8286	7617173	76.60	0.04
10 to 11 months	99429	5	0.99995	0.00005	34.0	8286	7608887	76.53	0.04
11 to 12 months	99424	4	0.99996	0.00004	37.8	8285	7600601	76.45	0.04

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 1b Life table for the first year of life, Canada, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 to 1 day	100000	205	0.99795	0.00205	5.5	273	8203066	82.03	0.04
1 to 2 days	99795	24	0.99977	0.00023	16.2	274	8202793	82.20	0.04
2 to 3 days	99771	19	0.99981	0.00019	18.1	273	8202519	82.21	0.04
3 to 4 days	99752	8	0.99992	0.00008	27.0	273	8202246	82.23	0.04
4 to 5 days	99744	6	0.99994	0.00006	31.6	273	8201973	82.23	0.04
5 to 6 days	99738	6	0.99995	0.00005	34.0	273	8201700	82.23	0.04
6 to 7 days	99732	7	0.99993	0.00007	28.9	273	8201427	82.23	0.04
0 to 7 days	100000	275	0.99725	0.00275	4.7	1912	8203066	82.03	0.04
7 to 14 days	99725	27	0.99973	0.00027	15.1	1910	8201154	82.24	0.04
14 to 21 days	99698	19	0.99981	0.00019	18.1	1910	8199244	82.24	0.04
21 to 28 days	99679	14	0.99986	0.00014	21.2	1910	8197334	82.24	0.04
0 to 28 days	100000	335	0.99665	0.00335	4.3	7642	8203066	82.03	0.04
28 days to 2 months	99665	38	0.99962	0.00038	12.8	8971	8195424	82.23	0.04
2 to 3 months	99627	26	0.99974	0.00026	15.6	8301	8186453	82.17	0.04
3 to 4 months	99601	14	0.99986	0.00014	21.2	8299	8178152	82.11	0.04
4 to 5 months	99587	11	0.99989	0.00011	23.8	8299	8169853	82.04	0.04
5 to 6 months	99576	9	0.99991	0.00009	26.1	8297	8161554	81.96	0.04
6 to 7 months	99567	9	0.99990	0.00010	25.5	8297	8153257	81.89	0.04
7 to 8 months	99558	5	0.99995	0.00005	36.9	8297	8144960	81.81	0.04
8 to 9 months	99553	5	0.99995	0.00005	34.0	8295	8136663	81.73	0.04
9 to 10 months	99548	8	0.99993	0.00007	29.3	8296	8128368	81.65	0.04
10 to 11 months	99540	5	0.99995	0.00005	34.6	8295	8120072	81.58	0.04
11 to 12 months	99535	5	0.99995	0.00005	36.1	8294	8111777	81.50	0.04

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 2a Complete life table, Canada, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	577	0.99423	0.00577	1.8	99486	7691802	76.92	0.04
1 year	99423	35	0.99965	0.00035	7.4	99405	7592316	76.36	0.04
2 years	99388	21	0.99979	0.00021	9.4	99376	7492911	75.39	0.04
3 years	99367	21	0.99979	0.00021	9.2	99356	7393535	74.41	0.04
4 years	99346	20	0.99980	0.00020	9.4	99336	7294179	73.42	0.04
5 years	99326	16	0.99983	0.00017	13.6	99318	7194843	72.44	0.04
6 years	99310	13	0.99987	0.00013	19.2	99303	7095525	71.45	0.04
7 years	99297	9	0.99991	0.00009	22.7	99293	6996222	70.46	0.04
8 years	99288	8	0.99992	0.00008	23.3	99284	6896929	69.46	0.05
9 years	99280	8	0.99992	0.00008	22.7	99276	6797645	68.47	0.05
10 years	99272	10	0.99990	0.00010	20.5	99267	6698369	67.48	0.05
11 years	99262	10	0.99990	0.00010	18.8	99257	6599102	66.48	0.05
12 years	99252	15	0.99985	0.00015	17.5	99244	6499845	65.49	0.05
13 years	99237	23	0.99977	0.00023	11.4	99225	6400601	64.50	0.05
14 years	99214	34	0.99966	0.00034	8.9	99197	6301376	63.51	0.05
15 years	99180	45	0.99955	0.00046	8.8	99158	6202179	62.53	0.05
16 years	99135	56	0.99943	0.00057	8.9	99107	6103021	61.56	0.05
17 years	99079	65	0.99934	0.00066	8.4	99047	6003914	60.60	0.05
18 years	99014	72	0.99928	0.00072	7.1	98978	5904867	59.64	0.05
19 years	98942	76	0.99922	0.00078	6.0	98904	5805889	58.68	0.05
20 years	98866	81	0.99918	0.00082	6.1	98825	5706985	57.72	0.05
21 years	98785	85	0.99915	0.00085	6.9	98742	5608160	56.77	0.05
22 years	98700	85	0.99913	0.00087	7.3	98658	5509418	55.82	0.05
23 years	98615	86	0.99913	0.00087	6.8	98571	5410760	54.87	0.06
24 years	98529	85	0.99915	0.00085	6.0	98487	5312189	53.92	0.06
25 years	98444	81	0.99917	0.00083	6.2	98404	5213702	52.96	0.06
26 years	98363	79	0.99919	0.00081	7.1	98323	5115298	52.00	0.06
27 years	98284	79	0.99920	0.00080	7.7	98244	5016975	51.05	0.06
28 years	98205	81	0.99918	0.00082	7.0	98164	4918731	50.09	0.06
29 years	98124	82	0.99916	0.00084	6.1	98083	4820567	49.13	0.06
30 years	98042	86	0.99912	0.00088	6.0	97999	4722484	48.17	0.06
31 years	97956	90	0.99909	0.00091	6.6	97911	4624485	47.21	0.06
32 years	97866	94	0.99904	0.00096	6.8	97819	4526574	46.25	0.06
33 years	97772	97	0.99900	0.00100	6.1	97724	4428755	45.30	0.06
34 years	97675	102	0.99895	0.00105	5.2	97623	4331031	44.34	0.07
35 years	97573	108	0.99890	0.00110	5.0	97519	4233408	43.39	0.07
36 years	97465	113	0.99884	0.00116	5.4	97409	4135889	42.43	0.07
37 years	97352	120	0.99877	0.00123	5.5	97293	4038480	41.48	0.07
38 years	97232	128	0.99868	0.00132	4.8	97168	3941187	40.53	0.07
39 years	97104	137	0.99859	0.00141	4.2	97035	3844019	39.59	0.07

Table 2a Complete life table, Canada, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	96967	147	0.99848	0.00152	4.2	96893	3746984	38.64	0.07
41 years	96820	159	0.99836	0.00164	4.6	96740	3650091	37.70	0.08
42 years	96661	173	0.99822	0.00178	4.6	96575	3553351	36.76	0.08
43 years	96488	187	0.99805	0.00195	3.9	96395	3456776	35.83	0.08
44 years	96301	205	0.99787	0.00213	3.5	96198	3360381	34.89	0.08
45 years	96096	224	0.99767	0.00233	3.6	95984	3264183	33.97	0.08
46 years	95872	244	0.99745	0.00255	3.9	95750	3168199	33.05	0.08
47 years	95628	267	0.99721	0.00279	3.9	95495	3072449	32.13	0.09
48 years	95361	290	0.99696	0.00304	3.4	95216	2976954	31.22	0.09
49 years	95071	314	0.99669	0.00331	2.9	94914	2881738	30.31	0.09
50 years	94757	341	0.99640	0.00360	3.1	94587	2786824	29.41	0.09
51 years	94416	372	0.99606	0.00394	3.4	94230	2692237	28.51	0.10
52 years	94044	408	0.99566	0.00434	3.3	93840	2598007	27.63	0.10
53 years	93636	450	0.99519	0.00481	2.8	93411	2504167	26.74	0.10
54 years	93186	497	0.99467	0.00533	2.5	92938	2410756	25.87	0.10
55 years	92689	547	0.99410	0.00590	2.7	92415	2317818	25.01	0.11
56 years	92142	603	0.99346	0.00654	3.0	91841	2225403	24.15	0.11
57 years	91539	665	0.99274	0.00726	2.9	91207	2133562	23.31	0.11
58 years	90874	731	0.99195	0.00805	2.5	90508	2042355	22.47	0.12
59 years	90143	803	0.99110	0.00890	2.2	89742	1951847	21.65	0.12
60 years	89340	877	0.99018	0.00982	2.4	88901	1862105	20.84	0.13
61 years	88463	960	0.98915	0.01085	2.6	87983	1773204	20.04	0.13
62 years	87503	1048	0.98802	0.01198	2.6	86979	1685221	19.26	0.13
63 years	86455	1142	0.98679	0.01321	2.2	85884	1598242	18.49	0.14
64 years	85313	1239	0.98549	0.01451	1.9	84693	1512358	17.73	0.14
65 years	84074	1339	0.98407	0.01593	2.0	83405	1427665	16.98	0.15
66 years	82735	1449	0.98248	0.01752	2.2	82010	1344260	16.25	0.15
67 years	81286	1570	0.98070	0.01930	2.1	80501	1262250	15.53	0.16
68 years	79716	1693	0.97876	0.02124	1.8	78870	1181749	14.82	0.16
69 years	78023	1817	0.97671	0.02329	1.6	77115	1102879	14.14	0.17
70 years	76206	1947	0.97445	0.02555	1.7	75232	1025764	13.46	0.18
71 years	74259	2086	0.97190	0.02810	1.8	73216	950532	12.80	0.19
72 years	72173	2240	0.96896	0.03104	1.8	71053	877316	12.16	0.19
73 years	69933	2398	0.96571	0.03429	1.5	68734	806263	11.53	0.20
74 years	67535	2552	0.96221	0.03779	1.4	66258	737529	10.92	0.21
75 years	64983	2707	0.95835	0.04165	1.5	63629	671271	10.33	0.23
76 years	62276	2864	0.95401	0.04599	1.7	60844	607642	9.76	0.24
77 years	59412	3025	0.94909	0.05091	1.6	57899	546798	9.20	0.25
78 years	56387	3175	0.94369	0.05631	1.4	54799	488899	8.67	0.27
79 years	53212	3305	0.93790	0.06210	1.3	51560	434100	8.16	0.29

Table 2a Complete life table, Canada, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	49907	3417	0.93154	0.06846	1.5	48198	382540	7.67	0.32
81 years	46490	3512	0.92445	0.07555	1.7	44734	334342	7.19	0.34
82 years	42978	3590	0.91647	0.08353	1.6	41183	289608	6.74	0.36
83 years	39388	3629	0.90786	0.09214	1.4	37573	248425	6.31	0.39
84 years	35759	3623	0.89871	0.10129	1.4	33948	210852	5.90	0.43
85 years	32136	3578	0.88865	0.11135	1.7	30347	176904	5.50	0.49
86 years	28558	3504	0.87732	0.12268	1.9	26806	146557	5.13	0.54
87 years	25054	3398	0.86434	0.13566	1.8	23355	119751	4.78	0.60
88 years	21656	3250	0.84996	0.15005	1.6	20031	96396	4.45	0.67
89 years	18406	3047	0.83442	0.16558	1.9	16882	76365	4.15	0.79
90 years	15359	2806	0.81736	0.18264	2.4	13956	59483	3.87	0.91
91 years	12553	2530	0.79840	0.20160	2.6	11288	45527	3.63	1.02
92 years	10023	2234	0.77717	0.22283	2.5	8906	34239	3.42	1.12
93 years	7789	1720	0.77914	0.22086	2.8	6930	25333	3.25	1.28
94 years	6069	1448	0.76133	0.23867	3.1	5344	18403	3.03	1.51
95 years	4621	1190	0.74246	0.25754	3.5	4026	13059	2.83	1.79
96 years	3431	952	0.72249	0.27751	3.9	2954	9033	2.63	2.14
97 years	2479	741	0.70142	0.29858	4.6	2109	6079	2.45	2.63
98 years	1738	557	0.67923	0.32077	5.3	1460	3970	2.28	3.23
99 years	1181	406	0.65594	0.34406	6.3	977	2510	2.13	4.06
100 years	775	286	0.63154	0.36846	7.9	632	1533	1.98	5.19
101 years	489	193	0.60604	0.39396	9.6	393	901	1.84	6.57
102 years	296	124	0.57947	0.42053	11.0	234	508	1.71	8.45
103 years	172	77	0.55185	0.44815	14.2	133	274	1.60	11.65
104 years	95	45	0.52322	0.47678	18.9	72	141	1.48	16.63
105 years	50	26	0.49363	0.50637	29.5	38	69	1.38	24.83
106 years	24	13	0.46313	0.53687	39.3	17	31	1.29	33.94
107 years	11	6	0.43178	0.56822	50.9	9	14	1.20	45.04
108 years	5	3	0.39964	0.60036	63.2	3	5	1.11	56.08
109 years	2	1	0.36680	0.63320	60.6	1	2	1.04	54.11

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 2b Complete life table, Canada, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	467	0.99533	0.00467	2.1	99589	8203072	82.03	0.04
1 year	99533	35	0.99965	0.00035	7.5	99514	8103483	81.41	0.04
2 years	99498	20	0.99980	0.00020	9.8	99486	8003969	80.44	0.04
3 years	99478	15	0.99985	0.00015	11.2	99471	7904483	79.46	0.04
4 years	99463	12	0.99988	0.00012	12.1	99456	7805012	78.47	0.04
5 years	99451	10	0.99990	0.00010	18.7	99445	7705556	77.48	0.04
6 years	99441	9	0.99992	0.00008	25.9	99437	7606111	76.49	0.04
7 years	99432	7	0.99993	0.00007	26.6	99429	7506674	75.50	0.04
8 years	99425	7	0.99993	0.00007	25.1	99421	7407245	74.50	0.04
9 years	99418	7	0.99993	0.00007	23.0	99415	7307824	73.51	0.04
10 years	99411	9	0.99991	0.00009	21.2	99407	7208409	72.51	0.04
11 years	99402	8	0.99991	0.00009	20.2	99398	7109002	71.52	0.04
12 years	99394	13	0.99987	0.00013	19.8	99387	7009604	70.52	0.04
13 years	99381	15	0.99984	0.00016	15.1	99374	6910217	69.53	0.04
14 years	99366	20	0.99980	0.00020	12.1	99356	6810843	68.54	0.04
15 years	99346	24	0.99976	0.00024	12.0	99333	6711487	67.56	0.04
16 years	99322	28	0.99972	0.00028	12.7	99308	6612154	66.57	0.05
17 years	99294	31	0.99969	0.00031	12.5	99278	6512846	65.59	0.05
18 years	99263	33	0.99967	0.00033	11.0	99246	6413568	64.61	0.05
19 years	99230	33	0.99966	0.00034	9.6	99214	6314322	63.63	0.05
20 years	99197	34	0.99966	0.00034	9.7	99180	6215108	62.65	0.05
21 years	99163	33	0.99966	0.00034	11.2	99146	6115928	61.68	0.05
22 years	99130	33	0.99966	0.00034	12.0	99114	6016782	60.70	0.05
23 years	99097	33	0.99967	0.00033	11.2	99080	5917668	59.72	0.05
24 years	99064	33	0.99967	0.00033	10.0	99047	5818588	58.74	0.05
25 years	99031	32	0.99967	0.00033	10.2	99015	5719541	57.76	0.05
26 years	98999	33	0.99967	0.00033	11.5	98982	5620526	56.77	0.05
27 years	98966	33	0.99967	0.00033	12.1	98950	5521544	55.79	0.05
28 years	98933	34	0.99965	0.00035	10.9	98916	5422594	54.81	0.05
29 years	98899	36	0.99963	0.00037	9.4	98881	5323678	53.83	0.05
30 years	98863	39	0.99961	0.00039	9.3	98843	5224797	52.85	0.06
31 years	98824	42	0.99958	0.00042	10.0	98803	5125954	51.87	0.06
32 years	98782	45	0.99954	0.00046	9.9	98760	5027151	50.89	0.06
33 years	98737	50	0.99950	0.00050	8.5	98711	4928391	49.91	0.06
34 years	98687	54	0.99945	0.00055	7.1	98660	4829680	48.94	0.06
35 years	98633	60	0.99939	0.00061	6.9	98603	4731020	47.97	0.06
36 years	98573	66	0.99933	0.00067	7.3	98539	4632417	46.99	0.06
37 years	98507	72	0.99927	0.00073	7.2	98471	4533878	46.03	0.06
38 years	98435	78	0.99921	0.00079	6.2	98397	4435407	45.06	0.06
39 years	98357	83	0.99915	0.00085	5.4	98315	4337010	44.09	0.07

Table 2b Complete life table, Canada, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	98274	91	0.99908	0.00092	5.5	98229	4238695	43.13	0.07
41 years	98183	97	0.99901	0.00099	5.9	98134	4140466	42.17	0.07
42 years	98086	107	0.99891	0.00109	5.9	98033	4042332	41.21	0.07
43 years	97979	117	0.99880	0.00120	5.0	97920	3944299	40.26	0.07
44 years	97862	129	0.99868	0.00132	4.4	97797	3846379	39.30	0.07
45 years	97733	142	0.99855	0.00145	4.5	97662	3748582	38.36	0.07
46 years	97591	156	0.99840	0.00160	5.0	97513	3650920	37.41	0.08
47 years	97435	171	0.99824	0.00176	4.9	97350	3553407	36.47	0.08
48 years	97264	187	0.99807	0.00193	4.2	97170	3456057	35.53	0.08
49 years	97077	204	0.99790	0.00210	3.7	96975	3358887	34.60	0.08
50 years	96873	222	0.99771	0.00229	3.8	96761	3261912	33.67	0.08
51 years	96651	243	0.99749	0.00251	4.2	96530	3165151	32.75	0.08
52 years	96408	266	0.99724	0.00276	4.1	96275	3068621	31.83	0.09
53 years	96142	293	0.99695	0.00305	3.5	95996	2972346	30.92	0.09
54 years	95849	323	0.99663	0.00337	3.2	95687	2876350	30.01	0.09
55 years	95526	355	0.99628	0.00372	3.4	95349	2780663	29.11	0.09
56 years	95171	390	0.99590	0.00410	3.7	94976	2685314	28.22	0.10
57 years	94781	427	0.99549	0.00451	3.7	94568	2590338	27.33	0.10
58 years	94354	466	0.99506	0.00494	3.2	94121	2495770	26.45	0.10
59 years	93888	505	0.99462	0.00538	2.8	93636	2401649	25.58	0.10
60 years	93383	548	0.99413	0.00587	3.0	93109	2308013	24.72	0.11
61 years	92835	595	0.99359	0.00641	3.3	92538	2214904	23.86	0.11
62 years	92240	649	0.99296	0.00704	3.3	91915	2122366	23.01	0.11
63 years	91591	709	0.99226	0.00774	2.8	91236	2030451	22.17	0.11
64 years	90882	772	0.99150	0.00850	2.4	90496	1939215	21.34	0.12
65 years	90110	841	0.99067	0.00933	2.5	89689	1848719	20.52	0.12
66 years	89269	915	0.98975	0.01026	2.8	88812	1759030	19.70	0.13
67 years	88354	999	0.98869	0.01131	2.7	87854	1670218	18.90	0.13
68 years	87355	1086	0.98757	0.01243	2.3	86812	1582364	18.11	0.13
69 years	86269	1175	0.98638	0.01362	2.0	85682	1495552	17.34	0.14
70 years	85094	1271	0.98507	0.01493	2.1	84458	1409870	16.57	0.14
71 years	83823	1378	0.98355	0.01645	2.3	83134	1325412	15.81	0.15
72 years	82445	1503	0.98177	0.01823	2.2	81694	1242278	15.07	0.15
73 years	80942	1635	0.97981	0.02019	1.9	80124	1160584	14.34	0.16
74 years	79307	1768	0.97770	0.02230	1.6	78423	1080460	13.62	0.16
75 years	77539	1913	0.97533	0.02467	1.7	76582	1002037	12.92	0.17
76 years	75626	2074	0.97258	0.02742	1.9	74589	925455	12.24	0.18
77 years	73552	2255	0.96934	0.03066	1.8	72425	850866	11.57	0.19
78 years	71297	2441	0.96576	0.03424	1.5	70076	778441	10.92	0.20
79 years	68856	2621	0.96193	0.03807	1.4	67546	708365	10.29	0.21

Table 2b Complete life table, Canada, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	66235	2809	0.95760	0.04240	1.6	64830	640819	9.67	0.23
81 years	63426	3011	0.95252	0.04748	1.7	61920	575989	9.08	0.24
82 years	60415	3235	0.94646	0.05354	1.6	58798	514069	8.51	0.26
83 years	57180	3470	0.93932	0.06068	1.4	55445	455271	7.96	0.27
84 years	53710	3691	0.93128	0.06872	1.3	51865	399826	7.44	0.29
85 years	50019	3879	0.92245	0.07755	1.4	48080	347961	6.96	0.32
86 years	46140	4015	0.91297	0.08703	1.6	44132	299881	6.50	0.35
87 years	42125	4088	0.90296	0.09704	1.5	40081	255749	6.07	0.38
88 years	38037	4095	0.89233	0.10767	1.3	35990	215668	5.67	0.41
89 years	33942	4039	0.88101	0.11899	1.4	31922	179678	5.29	0.46
90 years	29903	3914	0.86912	0.13088	1.7	27946	147756	4.94	0.52
91 years	25989	3722	0.85678	0.14322	1.9	24128	119810	4.61	0.57
92 years	22267	3471	0.84412	0.15588	1.8	20532	95682	4.30	0.63
93 years	18796	3212	0.82913	0.17087	1.8	17190	75150	4.00	0.71
94 years	15584	2911	0.81320	0.18680	2.0	14129	57960	3.72	0.81
95 years	12673	2582	0.79624	0.20376	2.1	11382	43831	3.46	0.94
96 years	10091	2238	0.77823	0.22177	2.4	8972	32449	3.22	1.10
97 years	7853	1891	0.75917	0.24083	2.6	6908	23477	2.99	1.30
98 years	5962	1556	0.73906	0.26094	3.0	5184	16569	2.78	1.55
99 years	4406	1243	0.71791	0.28209	3.4	3784	11385	2.58	1.87
100 years	3163	962	0.69575	0.30425	3.9	2682	7601	2.40	2.30
101 years	2201	721	0.67260	0.32740	4.7	1841	4919	2.23	2.90
102 years	1480	520	0.64849	0.35151	5.5	1220	3078	2.08	3.66
103 years	960	361	0.62349	0.37651	6.9	779	1858	1.94	4.75
104 years	599	241	0.59763	0.40237	8.3	478	1079	1.80	6.19
105 years	358	154	0.57098	0.42902	11.1	281	601	1.68	8.40
106 years	204	93	0.54362	0.45638	14.4	158	320	1.57	11.31
107 years	111	54	0.51561	0.48439	17.6	84	162	1.46	15.35
108 years	57	29	0.48704	0.51296	26.4	43	78	1.36	22.55
109 years	28	15	0.45800	0.54200	37.1	20	35	1.27	31.18

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 3a Complete life table, Newfoundland and Labrador, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	559	0.99441	0.00559	15.6	99489	7516913	75.17	0.31
1 year	99441	37	0.99963	0.00037	71.1	99422	7417424	74.59	0.30
2 years	99404	23	0.99977	0.00023	99.1	99385	7318002	73.62	0.31
3 years	99381	22	0.99977	F	F	99372	7218617	72.64	0.31
4 years	99359	22	0.99978	0.00022	57.2	99343	7119245	71.65	0.31
5 years	99337	18	0.99981	F	F	99328	7019902	70.67	0.32
6 years	99319	21	0.99979	F	F	99308	6920574	69.68	0.32
7 years	99298	21	0.99979	F	F	99287	6821266	68.70	0.32
8 years	99277	19	0.99981	F	F	99267	6721979	67.71	0.33
9 years	99258	19	0.99981	F	F	99249	6622712	66.72	0.33
10 years	99239	19	0.99981	F	F	99229	6523463	65.73	0.34
11 years	99220	18	0.99982	F	F	99211	6424234	64.75	0.34
12 years	99202	22	0.99977	F	F	99191	6325023	63.76	0.34
13 years	99180	27	0.99973	0.00027	88.4	99166	6225832	62.77	0.35
14 years	99153	33	0.99967	0.00033	72.1	99137	6126666	61.79	0.35
15 years	99120	39	0.99961	0.00039	70.4	99101	6027529	60.81	0.36
16 years	99081	46	0.99953	0.00047	72.0	99058	5928428	59.83	0.36
17 years	99035	53	0.99946	0.00054	67.3	99009	5829370	58.86	0.37
18 years	98982	62	0.99937	0.00063	54.8	98951	5730361	57.89	0.37
19 years	98920	72	0.99927	0.00073	46.2	98884	5631410	56.93	0.38
20 years	98848	81	0.99917	0.00083	47.6	98808	5532526	55.97	0.38
21 years	98767	90	0.99909	0.00091	52.5	98721	5433718	55.02	0.39
22 years	98677	95	0.99904	0.00096	54.1	98630	5334997	54.07	0.39
23 years	98582	94	0.99904	0.00096	50.2	98535	5236367	53.12	0.40
24 years	98488	90	0.99908	0.00092	45.7	98443	5137832	52.17	0.40
25 years	98398	85	0.99913	0.00087	47.8	98355	5039389	51.21	0.41
26 years	98313	81	0.99919	0.00081	57.2	98273	4941034	50.26	0.41
27 years	98232	77	0.99921	0.00079	63.5	98193	4842761	49.30	0.42
28 years	98155	77	0.99921	0.00079	59.2	98117	4744568	48.34	0.42
29 years	98078	78	0.99920	0.00080	51.3	98039	4646451	47.38	0.43
30 years	98000	80	0.99919	0.00081	49.6	97960	4548412	46.41	0.44
31 years	97920	82	0.99916	0.00084	54.2	97879	4450452	45.45	0.45
32 years	97838	85	0.99913	0.00087	56.2	97795	4352573	44.49	0.45
33 years	97753	89	0.99910	0.00090	50.4	97709	4254778	43.53	0.46
34 years	97664	92	0.99906	0.00094	43.3	97618	4157069	42.56	0.47
35 years	97572	96	0.99901	0.00099	42.3	97525	4059451	41.60	0.48
36 years	97476	101	0.99896	0.00104	45.9	97425	3961926	40.65	0.49
37 years	97375	109	0.99889	0.00111	46.2	97320	3864501	39.69	0.50
38 years	97266	117	0.99880	0.00120	40.2	97208	3767181	38.73	0.51
39 years	97149	125	0.99871	0.00129	34.7	97087	3669973	37.78	0.52

Table 3a Complete life table, Newfoundland and Labrador, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	97024	135	0.99860	0.00140	34.9	96956	3572886	36.82	0.53
41 years	96889	148	0.99847	0.00153	37.6	96815	3475930	35.88	0.55
42 years	96741	164	0.99831	0.00169	36.8	96659	3379115	34.93	0.56
43 years	96577	180	0.99813	0.00187	31.2	96487	3282456	33.99	0.57
44 years	96397	199	0.99793	0.00207	26.9	96298	3185969	33.05	0.59
45 years	96198	220	0.99771	0.00229	27.5	96088	3089671	32.12	0.60
46 years	95978	246	0.99744	0.00256	29.5	95855	2993583	31.19	0.62
47 years	95732	274	0.99714	0.00286	28.4	95595	2897728	30.27	0.63
48 years	95458	308	0.99678	0.00322	23.8	95304	2802133	29.35	0.65
49 years	95150	344	0.99638	0.00362	20.5	94978	2706829	28.45	0.67
50 years	94806	386	0.99594	0.00406	21.1	94613	2611851	27.55	0.69
51 years	94420	428	0.99547	0.00453	22.7	94207	2517238	26.66	0.71
52 years	93992	473	0.99497	0.00503	22.2	93755	2423031	25.78	0.73
53 years	93519	516	0.99448	0.00552	19.1	93261	2329276	24.91	0.75
54 years	93003	559	0.99399	0.00601	17.3	92724	2236015	24.04	0.77
55 years	92444	605	0.99346	0.00654	18.8	92141	2143291	23.18	0.80
56 years	91839	659	0.99282	0.00718	20.7	91510	2051150	22.33	0.82
57 years	91180	727	0.99203	0.00797	20.2	90816	1959640	21.49	0.85
58 years	90453	805	0.99110	0.00890	17.1	90051	1868824	20.66	0.87
59 years	89648	890	0.99007	0.00993	15.5	89203	1778773	19.84	0.91
60 years	88758	985	0.98891	0.01109	16.6	88265	1689570	19.04	0.94
61 years	87773	1090	0.98758	0.01242	18.1	87228	1601305	18.24	0.97
62 years	86683	1208	0.98606	0.01394	17.5	86079	1514077	17.47	1.00
63 years	85475	1335	0.98438	0.01562	14.8	84808	1427998	16.71	1.03
64 years	84140	1468	0.98255	0.01745	13.0	83406	1343190	15.96	1.07
65 years	82672	1609	0.98054	0.01946	13.7	81867	1259784	15.24	1.11
66 years	81063	1759	0.97829	0.02171	14.9	80184	1177917	14.53	1.16
67 years	79304	1921	0.97578	0.02422	14.5	78343	1097733	13.84	1.19
68 years	77383	2092	0.97297	0.02703	12.2	76337	1019390	13.17	1.23
69 years	75291	2267	0.96989	0.03011	10.8	74157	943053	12.53	1.28
70 years	73024	2441	0.96658	0.03342	11.4	71804	868896	11.90	1.35
71 years	70583	2606	0.96307	0.03693	12.5	69280	797092	11.29	1.41
72 years	67977	2762	0.95938	0.04062	12.3	66595	727812	10.71	1.46
73 years	65215	2883	0.95579	0.04421	10.7	63774	661217	10.14	1.51
74 years	62332	2975	0.95228	0.04772	9.7	60844	597443	9.58	1.59
75 years	59357	3061	0.94844	0.05156	10.6	57827	536599	9.04	1.70
76 years	56296	3161	0.94384	0.05616	11.7	54716	478772	8.50	1.80
77 years	53135	3291	0.93807	0.06193	11.5	51489	424056	7.98	1.89
78 years	49844	3439	0.93101	0.06899	9.8	48125	372567	7.47	2.00
79 years	46405	3575	0.92295	0.07705	9.1	44618	324442	6.99	2.16

Table 3a Complete life table, Newfoundland and Labrador, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	42830	3681	0.91406	0.08594	10.1	40989	279824	6.53	2.37
81 years	39149	3739	0.90448	0.09552	11.2	37280	238835	6.10	2.57
82 years	35410	3739	0.89440	0.10560	10.9	33540	201555	5.69	2.77
83 years	31671	3684	0.88370	0.11630	9.7	29829	168015	5.31	3.00
84 years	27987	3575	0.87227	0.12773	10.3	26200	138186	4.94	3.37
85 years	24412	3411	0.86028	0.13972	12.4	22707	111986	4.59	3.82
86 years	21001	3194	0.84788	0.15212	13.4	19404	89279	4.25	4.23
87 years	17807	2934	0.83525	0.16475	12.6	16340	69875	3.92	4.67
88 years	14873	2881	0.80630	0.19370	12.9	13432	53535	3.60	5.39
89 years	11992	2540	0.78816	0.21184	16.0	10722	40103	3.34	6.25
90 years	9452	2182	0.76912	0.23088	15.8	8361	29381	3.11	6.92
91 years	7270	1824	0.74923	0.25077	15.6	6358	21020	2.89	7.92
92 years	5446	1478	0.72855	0.27145	18.6	4707	14662	2.69	9.51
93 years	3968	1162	0.70715	0.29285	20.4	3387	9955	2.51	11.27
94 years	2806	884	0.68513	0.31487	22.7	2364	6568	2.34	13.66
95 years	1922	648	0.66257	0.33743	27.1	1599	4204	2.19	17.08
96 years	1274	459	0.63958	0.36042	38.4	1044	2605	2.05	21.53
97 years	815	313	0.61625	0.38375	34.0	658	1561	1.92	23.35
98 years	502	204	0.59271	0.40729	40.2	400	903	1.80	29.98
99 years	298	129	0.56907	0.43093	49.4	233	503	1.69	40.17
100 years	169	77	0.54543	0.45457	64.0	131	270	1.59	56.61
101 years	92	44	0.52193	F	F	71	139	1.50	83.96
102 years	48	24	0.49866	0.50134	86.5	36	68	1.42	70.25
103 years	24	13	0.47574	F	F	17	32	1.35	88.82
104 years	11	6	0.45328	0.54672	82.5	9	15	1.28	71.52
105 years	5	3	0.43138	F	F	3	6	1.22	88.30

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 3b Complete life table, Newfoundland and Labrador, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	381	0.99619	0.00381	19.2	99674	8101826	81.02	0.31
1 year	99619	47	0.99952	0.00048	40.9	99587	8002152	80.33	0.31
2 years	99572	33	0.99967	0.00033	90.5	99554	7902565	79.37	0.31
3 years	99539	28	0.99972	0.00028	67.8	99525	7803011	78.39	0.31
4 years	99511	25	0.99975	0.00025	49.9	99502	7703486	77.41	0.32
5 years	99486	12	0.99988	F	F	99479	7603984	76.43	0.32
6 years	99474	18	0.99982	F	F	99465	7504505	75.44	0.32
7 years	99456	24	0.99976	F	F	99444	7405040	74.46	0.33
8 years	99432	21	0.99979	F	F	99421	7305596	73.47	0.33
9 years	99411	19	0.99981	F	F	99402	7206175	72.49	0.33
10 years	99392	19	0.99981	F	F	99383	7106773	71.50	0.34
11 years	99373	17	0.99983	F	F	99364	7007390	70.52	0.34
12 years	99356	21	0.99979	F	F	99346	6908026	69.53	0.35
13 years	99335	21	0.99978	F	F	99325	6808680	68.54	0.35
14 years	99314	23	0.99977	0.00023	91.4	99302	6709355	67.56	0.35
15 years	99291	23	0.99976	0.00024	88.7	99280	6610053	66.57	0.36
16 years	99268	26	0.99974	0.00026	95.7	99255	6510773	65.59	0.36
17 years	99242	27	0.99973	0.00027	96.7	99228	6411518	64.60	0.37
18 years	99215	29	0.99971	0.00029	84.0	99201	6312290	63.62	0.37
19 years	99186	32	0.99968	0.00032	72.1	99170	6213089	62.64	0.38
20 years	99154	34	0.99965	0.00035	73.3	99137	6113919	61.66	0.38
21 years	99120	37	0.99963	0.00037	81.8	99102	6014782	60.68	0.39
22 years	99083	37	0.99962	0.00038	85.9	99065	5915680	59.70	0.39
23 years	99046	37	0.99963	0.00038	80.8	99027	5816615	58.73	0.40
24 years	99009	36	0.99964	0.00036	74.1	98991	5717588	57.75	0.41
25 years	98973	33	0.99967	0.00033	77.4	98956	5618597	56.77	0.41
26 years	98940	31	0.99968	0.00032	91.3	98925	5519641	55.79	0.42
27 years	98909	31	0.99969	0.00031	98.7	98893	5420716	54.81	0.42
28 years	98878	33	0.99967	0.00033	88.0	98861	5321823	53.82	0.43
29 years	98845	35	0.99964	0.00036	74.1	98828	5222962	52.84	0.44
30 years	98810	38	0.99961	0.00039	71.4	98791	5124134	51.86	0.45
31 years	98772	43	0.99957	0.00043	75.7	98750	5025343	50.88	0.45
32 years	98729	45	0.99954	0.00046	75.0	98706	4926593	49.90	0.46
33 years	98684	50	0.99950	0.00050	64.8	98659	4827887	48.92	0.47
34 years	98634	53	0.99946	0.00054	54.9	98608	4729228	47.95	0.48
35 years	98581	58	0.99942	0.00058	54.0	98552	4630620	46.97	0.49
36 years	98523	62	0.99937	0.00063	58.1	98492	4532068	46.00	0.50
37 years	98461	68	0.99931	0.00069	57.3	98427	4433576	45.03	0.51
38 years	98393	74	0.99925	0.00075	49.2	98357	4335149	44.06	0.52
39 years	98319	81	0.99918	0.00082	42.4	98278	4236792	43.09	0.53

Table 3b Complete life table, Newfoundland and Labrador, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	98238	88	0.99910	0.00090	42.9	98194	4138514	42.13	0.54
41 years	98150	98	0.99901	0.00099	46.2	98101	4040320	41.16	0.55
42 years	98052	108	0.99890	0.00110	45.0	97998	3942219	40.21	0.56
43 years	97944	121	0.99877	0.00123	37.8	97884	3844221	39.25	0.58
44 years	97823	135	0.99862	0.00138	32.2	97756	3746337	38.30	0.59
45 years	97688	151	0.99845	0.00155	32.6	97612	3648581	37.35	0.60
46 years	97537	168	0.99828	0.00172	35.1	97453	3550969	36.41	0.62
47 years	97369	184	0.99810	0.00190	34.5	97277	3453516	35.47	0.63
48 years	97185	201	0.99794	0.00206	29.7	97085	3356239	34.53	0.65
49 years	96984	216	0.99778	0.00223	26.2	96876	3259154	33.61	0.66
50 years	96768	232	0.99760	0.00240	27.3	96652	3162278	32.68	0.68
51 years	96536	252	0.99739	0.00261	29.9	96410	3065626	31.76	0.70
52 years	96284	277	0.99713	0.00287	29.3	96146	2969216	30.84	0.72
53 years	96007	306	0.99681	0.00319	25.0	95854	2873070	29.93	0.74
54 years	95701	339	0.99645	0.00355	22.5	95532	2777216	29.02	0.76
55 years	95362	376	0.99606	0.00394	24.2	95173	2681684	28.12	0.78
56 years	94986	417	0.99562	0.00438	26.5	94778	2586511	27.23	0.80
57 years	94569	460	0.99513	0.00487	25.8	94339	2491733	26.35	0.82
58 years	94109	506	0.99463	0.00537	22.2	93856	2397394	25.47	0.85
59 years	93603	550	0.99412	0.00588	20.1	93328	2303538	24.61	0.87
60 years	93053	601	0.99355	0.00645	21.9	92753	2210210	23.75	0.90
61 years	92452	659	0.99287	0.00713	24.0	92123	2117457	22.90	0.93
62 years	91793	729	0.99206	0.00794	23.4	91428	2025334	22.06	0.96
63 years	91064	811	0.99109	0.00891	19.7	90659	1933906	21.24	0.98
64 years	90253	902	0.99001	0.00999	17.2	89803	1843247	20.42	1.02
65 years	89351	1000	0.98881	0.01119	18.1	88851	1753444	19.62	1.05
66 years	88351	1104	0.98751	0.01249	19.6	87799	1664593	18.84	1.09
67 years	87247	1212	0.98611	0.01389	19.1	86642	1576794	18.07	1.12
68 years	86035	1317	0.98469	0.01531	16.3	85376	1490152	17.32	1.15
69 years	84718	1421	0.98323	0.01677	14.2	84008	1404776	16.58	1.20
70 years	83297	1529	0.98164	0.01836	14.8	82532	1320768	15.86	1.25
71 years	81768	1650	0.97982	0.02018	16.2	80943	1238236	15.14	1.30
72 years	80118	1791	0.97766	0.02234	15.8	79222	1157293	14.44	1.35
73 years	78327	1938	0.97525	0.02475	13.5	77359	1078071	13.76	1.40
74 years	76389	2087	0.97268	0.02732	11.9	75345	1000712	13.10	1.46
75 years	74302	2245	0.96978	0.03022	12.6	73180	925367	12.45	1.54
76 years	72057	2418	0.96644	0.03356	13.7	70848	852187	11.83	1.62
77 years	69639	2612	0.96250	0.03750	13.3	68333	781339	11.22	1.70
78 years	67027	2813	0.95803	0.04197	11.3	65620	713006	10.64	1.78
79 years	64214	3011	0.95311	0.04689	10.1	62709	647386	10.08	1.89

Table 3b Complete life table, Newfoundland and Labrador, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	61203	3203	0.94766	0.05234	10.8	59601	584677	9.55	2.03
81 years	58000	3387	0.94161	0.05839	11.7	56307	525076	9.05	2.17
82 years	54613	3558	0.93485	0.06515	11.4	52834	468769	8.58	2.30
83 years	51055	3703	0.92746	0.07254	9.9	49203	415935	8.15	2.45
84 years	47352	3813	0.91949	0.08051	10.1	45446	366732	7.74	2.66
85 years	43539	3881	0.91084	0.08916	11.8	41599	321286	7.38	2.88
86 years	39658	3909	0.90145	0.09855	12.5	37703	279687	7.05	3.07
87 years	35749	3888	0.89122	0.10878	11.5	33805	241984	6.77	3.24
88 years	31861	3157	0.90091	0.09909	11.8	30282	208179	6.53	3.45
89 years	28704	3018	0.89488	0.10512	11.8	27195	177897	6.20	3.78
90 years	25686	2871	0.88821	0.11179	12.3	24251	150702	5.87	4.20
91 years	22815	2720	0.88081	0.11920	13.2	21455	126451	5.54	4.72
92 years	20095	2560	0.87260	0.12740	14.4	18815	104996	5.22	5.33
93 years	17535	2393	0.86351	0.13649	15.3	16339	86181	4.91	6.07
94 years	15142	2220	0.85342	0.14658	18.6	14032	69842	4.61	6.99
95 years	12922	2038	0.84224	0.15776	19.9	11903	55810	4.32	7.99
96 years	10884	1852	0.82982	0.17018	22.1	9958	43907	4.03	9.25
97 years	9032	1662	0.81605	0.18395	23.6	8201	33949	3.76	10.81
98 years	7370	1468	0.80076	0.19924	24.5	6636	25748	3.49	12.89
99 years	5902	1276	0.78380	0.21620	29.0	5264	19112	3.24	15.88
100 years	4626	1087	0.76498	0.23502	33.9	4082	13848	2.99	19.83
101 years	3539	906	0.74411	0.25589	49.8	3086	9766	2.76	25.30
102 years	2633	735	0.72098	0.27902	49.0	2265	6680	2.54	30.78
103 years	1898	578	0.69539	0.30461	83.4	1610	4415	2.33	40.47
104 years	1320	439	0.66709	F	F	1100	2805	2.12	44.95
105 years	881	321	0.63587	0.36413	79.7	721	1705	1.94	39.05

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 4a Complete life table, Nova Scotia, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	563	0.99437	0.00563	11.4	99486	7608328	76.08	0.24
1 year	99437	39	0.99961	0.00039	35.8	99417	7508842	75.51	0.23
2 years	99398	25	0.99975	0.00025	38.9	99377	7409425	74.54	0.23
3 years	99373	24	0.99975	0.00025	69.2	99362	7310048	73.56	0.23
4 years	99349	24	0.99976	0.00024	53.6	99331	7210686	72.58	0.24
5 years	99325	15	0.99985	F	F	99318	7111355	71.60	0.24
6 years	99310	12	0.99988	F	F	99304	7012037	70.61	0.24
7 years	99298	11	0.99989	F	F	99293	6912733	69.62	0.25
8 years	99287	10	0.99989	F	F	99281	6813440	68.62	0.25
9 years	99277	11	0.99990	F	F	99272	6714159	67.63	0.25
10 years	99266	11	0.99989	F	F	99260	6614887	66.64	0.26
11 years	99255	10	0.99989	F	F	99250	6515627	65.65	0.26
12 years	99245	15	0.99986	F	F	99238	6416377	64.65	0.26
13 years	99230	19	0.99980	0.00020	74.5	99221	6317139	63.66	0.27
14 years	99211	26	0.99973	0.00027	60.2	99198	6217918	62.67	0.27
15 years	99185	35	0.99965	0.00035	59.8	99167	6118720	61.69	0.28
16 years	99150	42	0.99957	0.00043	60.0	99129	6019553	60.71	0.28
17 years	99108	51	0.99949	0.00051	55.2	99083	5920424	59.74	0.28
18 years	99057	58	0.99941	0.00059	44.9	99028	5821341	58.77	0.29
19 years	98999	66	0.99933	0.00067	37.7	98966	5722313	57.80	0.29
20 years	98933	75	0.99924	0.00076	38.6	98895	5623347	56.84	0.29
21 years	98858	82	0.99918	0.00082	42.6	98817	5524452	55.88	0.30
22 years	98776	86	0.99913	0.00087	43.7	98734	5425635	54.93	0.30
23 years	98690	87	0.99912	0.00088	39.9	98647	5326901	53.98	0.30
24 years	98603	86	0.99913	0.00087	35.4	98560	5228254	53.02	0.31
25 years	98517	84	0.99915	0.00085	36.0	98475	5129694	52.07	0.31
26 years	98433	81	0.99918	0.00083	42.0	98393	5031219	51.11	0.32
27 years	98352	79	0.99919	0.00081	46.1	98312	4932826	50.15	0.32
28 years	98273	78	0.99921	0.00079	43.8	98234	4834514	49.19	0.33
29 years	98195	75	0.99924	0.00076	39.3	98157	4736280	48.23	0.33
30 years	98120	73	0.99926	0.00074	39.3	98084	4638123	47.27	0.34
31 years	98047	73	0.99926	0.00074	43.8	98010	4540039	46.30	0.34
32 years	97974	76	0.99922	0.00078	45.0	97936	4442029	45.34	0.35
33 years	97898	83	0.99915	0.00085	38.4	97857	4344093	44.37	0.35
34 years	97815	94	0.99904	0.00096	31.5	97768	4246236	43.41	0.36
35 years	97721	106	0.99891	0.00109	30.1	97668	4148468	42.45	0.37
36 years	97615	119	0.99878	0.00122	31.4	97555	4050800	41.50	0.38
37 years	97496	132	0.99865	0.00135	30.7	97430	3953245	40.55	0.38
38 years	97364	143	0.99853	0.00147	26.4	97292	3855815	39.60	0.39
39 years	97221	153	0.99842	0.00158	22.8	97145	3758523	38.66	0.40

Table 4a Complete life table, Nova Scotia, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	97068	165	0.99830	0.00170	23.2	96985	3661378	37.72	0.41
41 years	96903	178	0.99817	0.00183	25.4	96814	3564393	36.78	0.42
42 years	96725	193	0.99801	0.00199	25.3	96628	3467579	35.85	0.43
43 years	96532	209	0.99783	0.00217	21.8	96428	3370951	34.92	0.43
44 years	96323	228	0.99763	0.00237	19.0	96209	3274523	34.00	0.44
45 years	96095	249	0.99742	0.00258	19.6	95970	3178314	33.07	0.46
46 years	95846	269	0.99719	0.00281	21.5	95712	3082344	32.16	0.47
47 years	95577	293	0.99694	0.00306	21.4	95430	2986632	31.25	0.48
48 years	95284	315	0.99670	0.00330	18.6	95127	2891202	30.34	0.49
49 years	94969	336	0.99646	0.00354	16.2	94801	2796075	29.44	0.50
50 years	94633	361	0.99619	0.00381	16.7	94453	2701274	28.54	0.52
51 years	94272	389	0.99587	0.00413	18.3	94077	2606821	27.65	0.53
52 years	93883	425	0.99547	0.00453	17.9	93671	2512744	26.76	0.55
53 years	93458	468	0.99499	0.00501	15.4	93224	2419073	25.88	0.56
54 years	92990	514	0.99447	0.00553	13.9	92732	2325849	25.01	0.58
55 years	92476	566	0.99388	0.00612	15.0	92193	2233117	24.15	0.60
56 years	91910	626	0.99319	0.00681	16.3	91597	2140924	23.29	0.61
57 years	91284	695	0.99239	0.00761	15.8	90936	2049327	22.45	0.63
58 years	90589	773	0.99147	0.00853	13.4	90202	1958391	21.62	0.65
59 years	89816	857	0.99046	0.00954	11.9	89387	1868189	20.80	0.67
60 years	88959	949	0.98934	0.01066	12.7	88485	1778802	20.00	0.69
61 years	88010	1046	0.98811	0.01189	13.9	87487	1690317	19.21	0.72
62 years	86964	1152	0.98676	0.01324	13.5	86388	1602830	18.43	0.74
63 years	85812	1258	0.98533	0.01467	11.5	85183	1516442	17.67	0.76
64 years	84554	1367	0.98383	0.01617	10.1	83871	1431259	16.93	0.78
65 years	83187	1481	0.98220	0.01780	10.6	82446	1347388	16.20	0.81
66 years	81706	1605	0.98036	0.01964	11.5	80903	1264942	15.48	0.84
67 years	80101	1740	0.97827	0.02173	11.2	79232	1184039	14.78	0.87
68 years	78361	1887	0.97592	0.02408	9.6	77417	1104807	14.10	0.89
69 years	76474	2038	0.97335	0.02665	8.5	75455	1027390	13.43	0.93
70 years	74436	2192	0.97056	0.02944	9.0	73341	951935	12.79	0.97
71 years	72244	2343	0.96756	0.03244	9.9	71072	878594	12.16	1.02
72 years	69901	2490	0.96437	0.03563	9.7	68656	807522	11.55	1.05
73 years	67411	2617	0.96118	0.03882	8.4	66103	738866	10.96	1.08
74 years	64794	2722	0.95798	0.04202	7.6	63433	672763	10.38	1.14
75 years	62072	2825	0.95449	0.04551	8.1	60659	609330	9.82	1.20
76 years	59247	2939	0.95040	0.04960	9.0	57778	548671	9.26	1.27
77 years	56308	3072	0.94544	0.05456	8.8	54772	490893	8.72	1.33
78 years	53236	3220	0.93951	0.06049	7.6	51626	436121	8.19	1.40
79 years	50016	3362	0.93280	0.06720	7.0	48335	384495	7.69	1.50

Table 4a Complete life table, Nova Scotia, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	46654	3478	0.92545	0.07455	7.7	44915	336160	7.21	1.63
81 years	43176	3557	0.91760	0.08240	8.5	41398	291245	6.75	1.76
82 years	39619	3591	0.90938	0.09062	8.3	37823	249847	6.31	1.88
83 years	36028	3578	0.90069	0.09931	7.4	34239	212024	5.88	2.02
84 years	32450	3522	0.89146	0.10854	7.7	30690	177785	5.48	2.25
85 years	28928	3419	0.88181	0.11819	9.2	27219	147095	5.08	2.51
86 years	25509	3268	0.87189	0.12811	9.9	23875	119876	4.70	2.76
87 years	22241	3073	0.86181	0.13819	9.4	20704	96001	4.32	3.04
88 years	19168	3256	0.83012	0.16988	9.6	17540	75297	3.93	3.49
89 years	15912	2995	0.81182	0.18818	10.3	14414	57757	3.63	3.96
90 years	12917	2681	0.79240	0.20760	10.5	11577	43343	3.36	4.51
91 years	10236	2335	0.77192	0.22808	12.6	9068	31766	3.10	5.26
92 years	7901	1972	0.75045	0.24955	12.1	6915	22698	2.87	5.92
93 years	5929	1612	0.72807	0.27193	14.0	5123	15783	2.66	7.06
94 years	4317	1274	0.70488	0.29512	16.0	3680	10660	2.47	8.33
95 years	3043	971	0.68101	0.31899	16.2	2558	6980	2.29	9.78
96 years	2072	711	0.65656	0.34344	19.3	1716	4422	2.13	12.29
97 years	1361	502	0.63168	0.36832	22.9	1110	2706	1.99	15.62
98 years	859	338	0.60650	0.39350	26.5	691	1596	1.86	20.32
99 years	521	218	0.58118	0.41882	34.1	412	905	1.74	28.19
100 years	303	135	0.55586	0.44414	64.6	235	493	1.63	40.56
101 years	168	79	0.53070	0.46930	47.7	129	258	1.53	36.68
102 years	89	44	0.50584	0.49416	55.1	67	129	1.44	46.46
103 years	45	23	0.48141	0.51859	69.4	34	62	1.36	63.62
104 years	22	12	0.45757	F	F	16	28	1.29	93.39
105 years	10	6	0.43444	F	F	7	12	1.22	89.14

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 4b Complete life table, Nova Scotia, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	407	0.99593	0.00407	13.6	99651	8132774	81.33	0.22
1 year	99593	29	0.99971	0.00029	50.8	99574	8033123	80.66	0.21
2 years	99564	14	0.99986	0.00014	72.6	99556	7933549	79.68	0.21
3 years	99550	8	0.99992	F	F	99546	7833993	78.69	0.22
4 years	99542	6	0.99994	F	F	99540	7734447	77.70	0.22
5 years	99536	15	0.99984	0.00016	82.1	99529	7634907	76.70	0.22
6 years	99521	13	0.99988	F	F	99514	7535378	75.72	0.22
7 years	99508	8	0.99992	F	F	99504	7435864	74.73	0.22
8 years	99500	8	0.99992	F	F	99496	7336360	73.73	0.23
9 years	99492	7	0.99992	F	F	99489	7236864	72.74	0.23
10 years	99485	9	0.99991	F	F	99480	7137375	71.74	0.23
11 years	99476	8	0.99991	F	F	99472	7037895	70.75	0.24
12 years	99468	12	0.99989	F	F	99462	6938423	69.76	0.24
13 years	99456	15	0.99985	0.00015	85.9	99449	6838961	68.76	0.24
14 years	99441	20	0.99979	0.00021	66.8	99431	6739512	67.77	0.25
15 years	99421	27	0.99973	0.00027	65.8	99407	6640081	66.79	0.25
16 years	99394	32	0.99968	0.00032	68.6	99378	6540674	65.81	0.25
17 years	99362	34	0.99965	0.00035	68.4	99345	6441296	64.83	0.26
18 years	99328	35	0.99965	0.00035	63.3	99310	6341951	63.85	0.26
19 years	99293	32	0.99967	0.00033	57.6	99277	6242641	62.87	0.26
20 years	99261	30	0.99970	0.00030	59.4	99246	6143364	61.89	0.27
21 years	99231	26	0.99973	0.00027	71.5	99218	6044118	60.91	0.27
22 years	99205	26	0.99974	0.00026	80.1	99192	5944900	59.93	0.27
23 years	99179	25	0.99974	0.00026	73.8	99166	5845708	58.94	0.28
24 years	99154	27	0.99973	0.00027	64.9	99140	5746542	57.96	0.28
25 years	99127	29	0.99971	0.00029	65.2	99113	5647402	56.97	0.29
26 years	99098	32	0.99968	0.00032	70.3	99082	5548289	55.99	0.29
27 years	99066	34	0.99965	0.00035	69.2	99049	5449207	55.01	0.29
28 years	99032	38	0.99961	0.00039	58.2	99013	5350158	54.02	0.30
29 years	98994	44	0.99956	0.00044	48.4	98972	5251145	53.05	0.30
30 years	98950	48	0.99951	0.00049	47.9	98926	5152173	52.07	0.31
31 years	98902	54	0.99946	0.00054	51.6	98875	5053247	51.09	0.31
32 years	98848	58	0.99941	0.00059	51.8	98819	4954372	50.12	0.32
33 years	98790	61	0.99939	0.00062	45.8	98760	4855553	49.15	0.32
34 years	98729	62	0.99936	0.00064	38.9	98698	4756793	48.18	0.33
35 years	98667	65	0.99934	0.00066	37.7	98634	4658095	47.21	0.33
36 years	98602	67	0.99932	0.00068	41.3	98569	4559461	46.24	0.34
37 years	98535	70	0.99929	0.00071	42.3	98500	4460892	45.27	0.35
38 years	98465	74	0.99925	0.00075	37.5	98428	4362392	44.30	0.35
39 years	98391	78	0.99921	0.00079	32.7	98352	4263964	43.34	0.36

Table 4b Complete life table, Nova Scotia, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	98313	82	0.99916	0.00084	33.1	98272	4165612	42.37	0.37
41 years	98231	89	0.99910	0.00090	36.0	98187	4067340	41.41	0.38
42 years	98142	96	0.99902	0.00098	35.7	98094	3969153	40.44	0.38
43 years	98046	106	0.99893	0.00107	30.7	97993	3871059	39.48	0.39
44 years	97940	114	0.99883	0.00117	27.1	97883	3773066	38.52	0.40
45 years	97826	126	0.99871	0.00129	28.2	97763	3675183	37.57	0.41
46 years	97700	140	0.99857	0.00143	30.3	97630	3577420	36.62	0.42
47 years	97560	159	0.99837	0.00163	28.9	97480	3479790	35.67	0.43
48 years	97401	183	0.99812	0.00188	23.6	97309	3382310	34.73	0.44
49 years	97218	213	0.99781	0.00219	20.0	97112	3285001	33.79	0.45
50 years	97005	245	0.99747	0.00253	20.5	96882	3187889	32.86	0.46
51 years	96760	278	0.99713	0.00287	21.9	96621	3091007	31.95	0.47
52 years	96482	308	0.99681	0.00319	21.3	96328	2994386	31.04	0.48
53 years	96174	334	0.99653	0.00347	18.4	96007	2898058	30.13	0.50
54 years	95840	357	0.99627	0.00373	16.7	95661	2802051	29.24	0.51
55 years	95483	382	0.99601	0.00399	18.1	95292	2706390	28.34	0.52
56 years	95101	409	0.99570	0.00430	20.2	94896	2611098	27.46	0.54
57 years	94692	444	0.99531	0.00469	20.1	94470	2516202	26.57	0.55
58 years	94248	487	0.99484	0.00516	17.2	94005	2421732	25.70	0.56
59 years	93761	531	0.99433	0.00567	15.4	93495	2327727	24.83	0.58
60 years	93230	583	0.99375	0.00625	16.4	92939	2234232	23.96	0.60
61 years	92647	639	0.99310	0.00690	17.9	92328	2141293	23.11	0.61
62 years	92008	703	0.99236	0.00764	17.5	91656	2048965	22.27	0.63
63 years	91305	772	0.99155	0.00845	14.9	90919	1957309	21.44	0.64
64 years	90533	844	0.99068	0.00932	13.1	90111	1866390	20.62	0.66
65 years	89689	923	0.98971	0.01029	13.6	89228	1776279	19.80	0.68
66 years	88766	1010	0.98862	0.01138	14.8	88261	1687051	19.01	0.71
67 years	87756	1110	0.98736	0.01264	14.4	87201	1598790	18.22	0.72
68 years	86646	1217	0.98596	0.01404	12.2	86037	1511589	17.45	0.74
69 years	85429	1329	0.98444	0.01556	10.6	84765	1425552	16.69	0.77
70 years	84100	1449	0.98277	0.01723	11.0	83376	1340787	15.94	0.80
71 years	82651	1578	0.98090	0.01910	11.9	81862	1257411	15.21	0.82
72 years	81073	1721	0.97878	0.02122	11.6	80212	1175549	14.50	0.85
73 years	79352	1869	0.97645	0.02355	9.8	78418	1095337	13.80	0.87
74 years	77483	2019	0.97395	0.02605	8.6	76474	1016919	13.12	0.91
75 years	75464	2173	0.97120	0.02880	8.9	74377	940445	12.46	0.95
76 years	73291	2333	0.96816	0.03184	9.7	72125	866068	11.82	0.99
77 years	70958	2502	0.96474	0.03526	9.5	69707	793943	11.19	1.03
78 years	68456	2660	0.96115	0.03885	8.1	67126	724236	10.58	1.07
79 years	65796	2801	0.95743	0.04257	7.2	64395	657110	9.99	1.13

Table 4b Complete life table, Nova Scotia, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	62995	2942	0.95329	0.04671	7.7	61524	592715	9.41	1.21
81 years	60053	3098	0.94843	0.05157	8.4	58504	531191	8.85	1.29
82 years	56955	3271	0.94256	0.05744	8.1	55320	472687	8.30	1.36
83 years	53684	3443	0.93587	0.06413	7.0	51962	417367	7.77	1.45
84 years	50241	3589	0.92857	0.07143	7.1	48447	365405	7.27	1.58
85 years	46652	3715	0.92036	0.07964	8.2	44794	316958	6.79	1.72
86 years	42937	3824	0.91094	0.08906	8.6	41025	272164	6.34	1.85
87 years	39113	3910	0.90003	0.09997	7.7	37158	231139	5.91	1.98
88 years	35203	3950	0.88779	0.11221	7.7	33227	193981	5.51	2.16
89 years	31253	3862	0.87643	0.12357	8.1	29322	160754	5.14	2.39
90 years	27391	3721	0.86418	0.13582	8.5	25530	131432	4.80	2.63
91 years	23670	3526	0.85103	0.14897	8.4	21908	105902	4.47	2.92
92 years	20144	3284	0.83694	0.16306	9.2	18502	83994	4.17	3.29
93 years	16860	3003	0.82190	0.17810	9.6	15358	65492	3.88	3.69
94 years	13857	2690	0.80588	0.19412	10.3	12512	50134	3.62	4.20
95 years	11167	2358	0.78887	0.21113	11.0	9988	37622	3.37	4.82
96 years	8809	2018	0.77086	0.22914	12.3	7800	27634	3.14	5.61
97 years	6791	1685	0.75186	0.24814	13.8	5949	19834	2.92	6.54
98 years	5106	1369	0.73188	0.26812	15.2	4421	13885	2.72	7.63
99 years	3737	1080	0.71093	0.28907	16.3	3197	9464	2.53	8.99
100 years	2657	827	0.68903	0.31097	17.8	2243	6267	2.36	10.94
101 years	1830	611	0.66622	0.33378	21.6	1525	4024	2.20	13.88
102 years	1219	435	0.64253	0.35747	26.7	1002	2499	2.05	17.86
103 years	784	300	0.61801	0.38199	34.0	633	1497	1.91	23.17
104 years	484	197	0.59272	0.40728	35.6	386	864	1.78	29.81
105 years	287	124	0.56672	0.43328	65.2	225	478	1.66	43.45
106 years	163	75	0.54008	0.45992	73.5	125	253	1.56	48.95
107 years	88	43	0.51286	0.48714	71.6	67	128	1.45	48.20
108 years	45	23	0.48515	0.51485	49.3	33	61	1.36	37.90

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 5a Complete life table, New Brunswick, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	403	0.99597	0.00403	14.9	99632	7624824	76.25	0.27
1 year	99597	44	0.99956	0.00044	48.0	99575	7525192	75.56	0.27
2 years	99553	29	0.99970	0.00030	27.5	99528	7425617	74.59	0.27
3 years	99524	30	0.99970	0.00030	71.8	99511	7326089	73.61	0.27
4 years	99494	28	0.99971	0.00029	38.9	99472	7226578	72.63	0.28
5 years	99466	1	0.99999	F	F	99465	7127106	71.65	0.28
6 years	99465	2	0.99998	F	F	99464	7027641	70.65	0.28
7 years	99463	8	0.99992	F	F	99459	6928177	69.66	0.29
8 years	99455	9	0.99991	F	F	99450	6828718	68.66	0.29
9 years	99446	10	0.99990	F	F	99441	6729268	67.67	0.30
10 years	99436	14	0.99987	F	F	99429	6629827	66.67	0.30
11 years	99422	14	0.99985	F	F	99415	6530398	65.68	0.30
12 years	99408	22	0.99978	0.00022	95.14	99397	6430983	64.69	0.31
13 years	99386	32	0.99968	0.00032	63.9	99370	6331586	63.71	0.31
14 years	99354	44	0.99955	0.00045	49.9	99333	6232216	62.73	0.32
15 years	99310	58	0.99941	0.00059	49.2	99281	6132883	61.75	0.32
16 years	99252	71	0.99928	0.00072	50.2	99216	6033602	60.79	0.33
17 years	99181	81	0.99918	0.00082	47.9	99140	5934386	59.83	0.33
18 years	99100	88	0.99912	0.00088	41.4	99057	5835246	58.88	0.33
19 years	99012	91	0.99907	0.00093	35.8	98966	5736189	57.93	0.34
20 years	98921	95	0.99904	0.00096	36.7	98873	5637223	56.99	0.34
21 years	98826	97	0.99902	0.00098	41.8	98778	5538350	56.04	0.34
22 years	98729	99	0.99900	0.00100	44.0	98680	5439572	55.10	0.35
23 years	98630	102	0.99897	0.00103	39.9	98579	5340892	54.15	0.35
24 years	98528	104	0.99894	0.00106	34.7	98476	5242313	53.21	0.36
25 years	98424	106	0.99892	0.00108	34.9	98370	5143837	52.26	0.36
26 years	98318	107	0.99891	0.00109	39.7	98265	5045467	51.32	0.37
27 years	98211	107	0.99891	0.00109	42.9	98157	4947202	50.37	0.37
28 years	98104	104	0.99894	0.00106	40.7	98051	4849045	49.43	0.38
29 years	98000	100	0.99899	0.00101	36.7	97950	4750994	48.48	0.38
30 years	97900	93	0.99904	0.00096	36.9	97854	4653044	47.53	0.39
31 years	97807	90	0.99908	0.00092	42.5	97761	4555190	46.57	0.39
32 years	97717	89	0.99909	0.00091	46.0	97673	4457429	45.62	0.40
33 years	97628	91	0.99907	0.00093	41.9	97582	4359756	44.66	0.41
34 years	97537	94	0.99903	0.00097	35.8	97491	4262174	43.70	0.41
35 years	97443	100	0.99897	0.00103	34.4	97392	4164683	42.74	0.42
36 years	97343	108	0.99889	0.00111	36.6	97289	4067291	41.78	0.43
37 years	97235	117	0.99879	0.00121	36.1	97176	3970002	40.83	0.44
38 years	97118	130	0.99867	0.00133	30.7	97053	3872826	39.88	0.45
39 years	96988	144	0.99851	0.00149	26.0	96916	3775773	38.93	0.46

Table 5a Complete life table, New Brunswick, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	96844	161	0.99834	0.00166	26.1	96763	3678857	37.99	0.47
41 years	96683	178	0.99816	0.00184	28.2	96594	3582094	37.05	0.48
42 years	96505	192	0.99801	0.00199	28.1	96409	3485500	36.12	0.49
43 years	96313	203	0.99789	0.00211	24.8	96211	3389091	35.19	0.50
44 years	96110	212	0.99780	0.00220	22.0	96004	3292880	34.26	0.51
45 years	95898	220	0.99770	0.00230	23.0	95788	3196876	33.34	0.53
46 years	95678	233	0.99757	0.00243	25.5	95561	3101088	32.41	0.54
47 years	95445	252	0.99736	0.00264	25.3	95319	3005527	31.49	0.55
48 years	95193	279	0.99707	0.00293	21.6	95053	2910208	30.57	0.57
49 years	94914	309	0.99674	0.00326	18.7	94760	2815155	29.66	0.58
50 years	94605	345	0.99636	0.00364	19.2	94432	2720395	28.76	0.60
51 years	94260	384	0.99592	0.00408	20.5	94068	2625963	27.86	0.62
52 years	93876	430	0.99542	0.00458	19.7	93661	2531895	26.97	0.64
53 years	93446	482	0.99485	0.00515	16.7	93205	2438234	26.09	0.65
54 years	92964	537	0.99422	0.00578	15.0	92696	2345029	25.22	0.67
55 years	92427	597	0.99354	0.00646	16.1	92129	2252333	24.37	0.70
56 years	91830	661	0.99280	0.00720	17.7	91499	2160204	23.52	0.72
57 years	91169	727	0.99203	0.00797	17.3	90806	2068705	22.69	0.74
58 years	90442	791	0.99126	0.00874	14.9	90046	1977899	21.87	0.76
59 years	89651	853	0.99049	0.00951	13.4	89225	1887853	21.06	0.78
60 years	88798	919	0.98964	0.01036	14.4	88338	1798628	20.26	0.81
61 years	87879	997	0.98866	0.01134	15.9	87381	1710290	19.46	0.84
62 years	86882	1089	0.98746	0.01254	15.6	86338	1622909	18.68	0.86
63 years	85793	1193	0.98609	0.01391	13.3	85196	1536571	17.91	0.89
64 years	84600	1305	0.98458	0.01542	11.8	83947	1451375	17.16	0.92
65 years	83295	1426	0.98289	0.01711	12.4	82582	1367428	16.42	0.96
66 years	81869	1559	0.98096	0.01904	13.5	81090	1284846	15.69	1.00
67 years	80310	1707	0.97874	0.02126	13.1	79456	1203756	14.99	1.03
68 years	78603	1873	0.97618	0.02382	11.0	77667	1124300	14.30	1.06
69 years	76730	2047	0.97332	0.02668	9.7	75707	1046633	13.64	1.11
70 years	74683	2224	0.97022	0.02978	10.1	73570	970926	13.00	1.16
71 years	72459	2393	0.96698	0.03302	11.1	71263	897356	12.38	1.21
72 years	70066	2546	0.96366	0.03634	10.9	68793	826093	11.79	1.26
73 years	67520	2664	0.96055	0.03945	9.4	66188	757300	11.22	1.30
74 years	64856	2751	0.95758	0.04242	8.5	63481	691112	10.66	1.37
75 years	62105	2835	0.95435	0.04565	9.0	60688	627631	10.11	1.45
76 years	59270	2936	0.95045	0.04955	10.0	57802	566943	9.57	1.54
77 years	56334	3073	0.94546	0.05454	9.8	54797	509141	9.04	1.63
78 years	53261	3241	0.93916	0.06084	8.4	51641	454344	8.53	1.72
79 years	50020	3410	0.93182	0.06818	7.7	48315	402703	8.05	1.86

Table 5a Complete life table, New Brunswick, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	46610	3552	0.92378	0.07622	8.6	44834	354388	7.60	2.02
81 years	43058	3644	0.91537	0.08463	9.5	41235	309554	7.19	2.19
82 years	39414	3669	0.90693	0.09307	9.3	37580	268319	6.81	2.34
83 years	35745	3638	0.89822	0.10178	8.2	33926	230739	6.46	2.53
84 years	32107	3562	0.88904	0.11096	8.6	30326	196813	6.13	2.78
85 years	28545	3434	0.87971	0.12029	10.3	26828	166487	5.83	3.08
86 years	25111	3251	0.87056	0.12944	11.2	23486	139659	5.56	3.33
87 years	21860	3018	0.86193	0.13807	10.7	20351	116173	5.31	3.57
88 years	18842	2599	0.86206	0.13794	11.5	17543	95822	5.09	3.90
89 years	16243	2374	0.85383	0.14617	12.0	15056	78279	4.82	4.32
90 years	13869	2152	0.84482	0.15518	12.2	12792	63223	4.56	4.84
91 years	11717	1934	0.83495	0.16505	13.6	10750	50431	4.30	5.53
92 years	9783	1721	0.82414	0.17586	15.4	8923	39681	4.06	6.34
93 years	8062	1513	0.81230	0.18770	16.7	7306	30758	3.81	7.28
94 years	6549	1314	0.79933	0.20067	19.1	5892	23452	3.58	8.48
95 years	5235	1125	0.78513	0.21487	20.7	4672	17560	3.35	9.89
96 years	4110	947	0.76957	0.23043	21.5	3637	12888	3.14	11.77
97 years	3163	783	0.75254	0.24746	28.9	2771	9251	2.92	14.57
98 years	2380	633	0.73390	0.26610	36.0	2064	6480	2.72	17.50
99 years	1747	501	0.71352	0.28648	34.5	1497	4416	2.53	20.37
100 years	1246	384	0.69125	0.30875	43.4	1054	2919	2.34	25.82
101 years	862	287	0.66694	0.33306	53.5	718	1865	2.16	32.61
102 years	575	207	0.64043	0.35957	56.6	471	1147	2.00	41.20
103 years	368	143	0.61157	0.38843	95.8	297	676	1.84	57.08
104 years	225	94	0.58022	0.41978	93.3	178	379	1.68	64.21
105 years	131	60	0.54624	F	F	101	201	1.54	81.42
106 years	71	35	0.50949	F	F	53	100	1.41	76.76

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 5b Complete life table, New Brunswick, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	368	0.99632	0.00368	16.0	99684	8186633	81.87	0.24
1 year	99632	35	0.99966	0.00034	46.1	99609	8086949	81.17	0.24
2 years	99597	19	0.99981	0.00019	46.6	99587	7987340	80.20	0.24
3 years	99578	14	0.99986	0.00014	87.1	99570	7887753	79.21	0.24
4 years	99564	11	0.99989	F	F	99561	7788183	78.22	0.25
5 years	99553	22	0.99979	0.00021	76.7	99542	7688622	77.23	0.25
6 years	99531	12	0.99988	F	F	99525	7589080	76.25	0.25
7 years	99519	6	0.99994	F	F	99516	7489555	75.26	0.26
8 years	99513	9	0.99991	F	F	99508	7390039	74.26	0.26
9 years	99504	13	0.99987	0.00013	99.5	99497	7290531	73.27	0.26
10 years	99491	17	0.99983	0.00017	93.3	99483	7191034	72.28	0.27
11 years	99474	17	0.99983	0.00017	91.8	99465	7091551	71.29	0.27
12 years	99457	24	0.99975	0.00025	92.9	99445	6992086	70.30	0.27
13 years	99433	26	0.99974	0.00026	82.0	99420	6892641	69.32	0.28
14 years	99407	26	0.99974	0.00026	71.4	99394	6793221	68.34	0.28
15 years	99381	26	0.99974	0.00026	71.9	99368	6693827	67.36	0.28
16 years	99355	25	0.99975	0.00025	82.6	99343	6594459	66.37	0.29
17 years	99330	25	0.99975	0.00025	88.8	99318	6495116	65.39	0.29
18 years	99305	25	0.99974	0.00026	81.7	99292	6395798	64.41	0.29
19 years	99280	26	0.99974	0.00026	72.1	99267	6296506	63.42	0.30
20 years	99254	26	0.99974	0.00026	72.7	99241	6197239	62.44	0.30
21 years	99228	27	0.99973	0.00027	81.5	99214	6097998	61.45	0.30
22 years	99201	28	0.99972	0.00028	84.8	99187	5998784	60.47	0.31
23 years	99173	29	0.99971	0.00029	75.6	99158	5899597	59.49	0.31
24 years	99144	31	0.99969	0.00031	65.1	99129	5800439	58.51	0.32
25 years	99113	33	0.99967	0.00033	65.2	99096	5701310	57.52	0.32
26 years	99080	34	0.99965	0.00035	72.1	99063	5602214	56.54	0.33
27 years	99046	36	0.99964	0.00036	74.5	99028	5503151	55.56	0.33
28 years	99010	37	0.99963	0.00037	67.4	98991	5404123	54.58	0.34
29 years	98973	38	0.99962	0.00038	59.0	98953	5305132	53.60	0.34
30 years	98935	39	0.99961	0.00039	59.4	98916	5206179	52.62	0.35
31 years	98896	39	0.99960	0.00040	66.2	98876	5107263	51.64	0.35
32 years	98857	41	0.99958	0.00042	68.2	98837	5008387	50.66	0.36
33 years	98816	44	0.99956	0.00044	59.8	98793	4909550	49.68	0.37
34 years	98772	47	0.99952	0.00048	50.4	98748	4810757	48.71	0.37
35 years	98725	51	0.99949	0.00051	48.6	98700	4712009	47.73	0.38
36 years	98674	54	0.99945	0.00055	51.9	98647	4613309	46.75	0.39
37 years	98620	60	0.99940	0.00060	51.4	98590	4514662	45.78	0.40
38 years	98560	64	0.99935	0.00065	44.6	98528	4416072	44.81	0.40
39 years	98496	69	0.99930	0.00070	38.8	98462	4317544	43.83	0.41

Table 5b Complete life table, New Brunswick, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	$cv(q_x)$	L_x	T_x	e_x	$cv(e_x)$
40 years	98427	74	0.99924	0.00076	39.5	98390	4219082	42.86	0.42
41 years	98353	82	0.99917	0.00083	42.6	98312	4120692	41.90	0.43
42 years	98271	91	0.99907	0.00093	41.1	98226	4022380	40.93	0.44
43 years	98180	104	0.99894	0.00106	34.1	98128	3924154	39.97	0.45
44 years	98076	118	0.99879	0.00121	29.1	98017	3826026	39.01	0.46
45 years	97958	136	0.99862	0.00138	29.7	97890	3728009	38.06	0.47
46 years	97822	152	0.99844	0.00156	31.7	97747	3630119	37.11	0.48
47 years	97670	169	0.99827	0.00173	30.9	97585	3532372	36.17	0.49
48 years	97501	185	0.99811	0.00189	26.5	97409	3434787	35.23	0.50
49 years	97316	199	0.99795	0.00205	23.3	97217	3337378	34.29	0.51
50 years	97117	215	0.99778	0.00222	24.2	97009	3240161	33.36	0.53
51 years	96902	234	0.99759	0.00241	26.5	96785	3143152	32.44	0.54
52 years	96668	257	0.99734	0.00266	25.9	96539	3046367	31.51	0.55
53 years	96411	286	0.99704	0.00296	22.1	96268	2949828	30.60	0.57
54 years	96125	317	0.99670	0.00330	20.0	95967	2853560	29.69	0.58
55 years	95808	353	0.99632	0.00368	21.6	95631	2757593	28.78	0.60
56 years	95455	391	0.99591	0.00409	23.7	95259	2661962	27.89	0.61
57 years	95064	432	0.99546	0.00454	23.1	94848	2566703	27.00	0.63
58 years	94632	472	0.99501	0.00499	19.9	94397	2471855	26.12	0.64
59 years	94160	512	0.99456	0.00544	17.8	93904	2377458	25.25	0.66
60 years	93648	556	0.99406	0.00594	19.1	93370	2283554	24.38	0.68
61 years	93092	608	0.99347	0.00653	20.9	92788	2190184	23.53	0.70
62 years	92484	672	0.99274	0.00726	20.4	92148	2097396	22.68	0.72
63 years	91812	747	0.99186	0.00814	17.2	91438	2005248	21.84	0.74
64 years	91065	831	0.99088	0.00912	14.9	90650	1913810	21.02	0.76
65 years	90234	921	0.98979	0.01021	15.5	89774	1823160	20.20	0.78
66 years	89313	1018	0.98860	0.01140	16.7	88803	1733386	19.41	0.81
67 years	88295	1121	0.98731	0.01269	16.3	87735	1644583	18.63	0.83
68 years	87174	1225	0.98594	0.01406	13.8	86562	1556848	17.86	0.85
69 years	85949	1333	0.98449	0.01551	12.0	85283	1470286	17.11	0.87
70 years	84616	1444	0.98293	0.01707	12.3	83894	1385003	16.37	0.91
71 years	83172	1559	0.98125	0.01875	13.4	82392	1301109	15.64	0.94
72 years	81613	1680	0.97942	0.02058	13.2	80773	1218717	14.93	0.97
73 years	79933	1793	0.97757	0.02243	11.4	79036	1137944	14.24	0.99
74 years	78140	1896	0.97573	0.02427	10.0	77192	1058908	13.55	1.03
75 years	76244	2006	0.97369	0.02631	10.4	75241	981716	12.88	1.08
76 years	74238	2135	0.97124	0.02876	11.4	73170	906475	12.21	1.14
77 years	72103	2293	0.96820	0.03180	11.1	70957	833305	11.56	1.19
78 years	69810	2465	0.96470	0.03530	9.5	68577	762348	10.92	1.24
79 years	67345	2635	0.96086	0.03914	8.6	66028	693771	10.30	1.31

Table 5b Complete life table, New Brunswick, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	64710	2816	0.95649	0.04351	9.2	63302	627743	9.70	1.40
81 years	61894	3009	0.95138	0.04862	10.1	60389	564441	9.12	1.50
82 years	58885	3221	0.94531	0.05469	9.7	57275	504052	8.56	1.59
83 years	55664	3427	0.93842	0.06158	8.3	53950	446777	8.03	1.69
84 years	52237	3612	0.93087	0.06913	8.4	50431	392827	7.52	1.83
85 years	48625	3772	0.92242	0.07758	9.6	46740	342396	7.04	1.99
86 years	44853	3907	0.91288	0.08712	10.0	42899	295656	6.59	2.14
87 years	40946	4011	0.90205	0.09795	9.0	38940	252757	6.17	2.28
88 years	36935	3910	0.89415	0.10585	9.4	34980	213817	5.79	2.47
89 years	33025	3836	0.88385	0.11615	9.1	31108	178837	5.42	2.69
90 years	29189	3715	0.87271	0.12729	9.7	27331	147729	5.06	2.98
91 years	25474	3549	0.86070	0.13930	9.9	23700	120398	4.73	3.30
92 years	21925	3338	0.84776	0.15224	10.8	20256	96698	4.41	3.71
93 years	18587	3088	0.83385	0.16615	10.7	17043	76442	4.11	4.16
94 years	15499	2806	0.81894	0.18106	11.6	14096	59399	3.83	4.78
95 years	12693	2501	0.80299	0.19701	12.3	11443	45303	3.57	5.54
96 years	10192	2182	0.78595	0.21405	14.6	9101	33860	3.32	6.54
97 years	8010	1859	0.76781	0.23219	16.1	7080	24759	3.09	7.66
98 years	6151	1547	0.74853	0.25147	17.8	5378	17679	2.87	9.08
99 years	4604	1252	0.72809	0.27191	23.1	3978	12301	2.67	10.95
100 years	3352	984	0.70649	0.29351	22.2	2860	8323	2.48	12.43
101 years	2368	749	0.68370	0.31630	26.6	1993	5463	2.31	15.26
102 years	1619	551	0.65974	0.34026	28.7	1344	3470	2.14	18.63
103 years	1068	390	0.63461	0.36539	36.9	873	2126	1.99	24.10
104 years	678	266	0.60833	0.39167	47.8	545	1253	1.85	30.72
105 years	412	172	0.58093	0.41907	46.7	326	708	1.72	37.16
106 years	240	108	0.55243	0.44757	91.0	186	382	1.59	52.80

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 6a Complete life table, Quebec, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	528	0.99472	0.00528	4.1	99520	7638585	76.39	0.09
1 year	99472	29	0.99971	0.00029	17.4	99462	7539065	75.79	0.08
2 years	99443	24	0.99975	0.00025	18.6	99430	7439603	74.81	0.09
3 years	99419	22	0.99978	0.00022	19.2	99407	7340173	73.83	0.09
4 years	99397	16	0.99984	0.00016	22.4	99389	7240766	72.85	0.09
5 years	99381	11	0.99988	0.00012	37.2	99375	7141377	71.86	0.09
6 years	99370	10	0.99991	0.00009	50.4	99365	7042002	70.87	0.09
7 years	99360	7	0.99992	0.00008	52.4	99357	6942637	69.87	0.09
8 years	99353	7	0.99994	0.00006	57.5	99349	6843280	68.88	0.09
9 years	99346	6	0.99994	0.00006	57.4	99343	6743931	67.88	0.09
10 years	99340	8	0.99992	0.00008	50.1	99336	6644588	66.89	0.10
11 years	99332	9	0.99991	0.00009	44.3	99328	6545252	65.89	0.10
12 years	99323	14	0.99985	0.00015	38.0	99316	6445924	64.90	0.10
13 years	99309	23	0.99977	0.00023	24.0	99297	6346608	63.91	0.10
14 years	99286	34	0.99966	0.00034	18.9	99269	6247311	62.92	0.10
15 years	99252	45	0.99954	0.00046	18.8	99230	6148042	61.94	0.10
16 years	99207	58	0.99942	0.00058	18.8	99177	6048812	60.97	0.10
17 years	99149	67	0.99932	0.00068	17.5	99116	5949635	60.01	0.10
18 years	99082	76	0.99924	0.00076	14.6	99043	5850519	59.05	0.11
19 years	99006	82	0.99917	0.00083	12.1	98966	5751476	58.09	0.11
20 years	98924	88	0.99911	0.00089	12.0	98879	5652510	57.14	0.11
21 years	98836	93	0.99906	0.00094	13.3	98790	5553631	56.19	0.11
22 years	98743	95	0.99903	0.00097	13.9	98695	5454841	55.24	0.11
23 years	98648	95	0.99904	0.00096	13.0	98601	5356146	54.30	0.11
24 years	98553	93	0.99906	0.00094	11.7	98506	5257545	53.35	0.11
25 years	98460	88	0.99910	0.00090	12.2	98417	5159039	52.40	0.12
26 years	98372	85	0.99914	0.00086	14.3	98329	5060622	51.44	0.12
27 years	98287	83	0.99915	0.00085	15.6	98246	4962293	50.49	0.12
28 years	98204	85	0.99914	0.00086	14.4	98161	4864047	49.53	0.12
29 years	98119	86	0.99912	0.00088	12.5	98076	4765886	48.57	0.12
30 years	98033	90	0.99909	0.00091	12.4	97988	4667810	47.61	0.12
31 years	97943	93	0.99905	0.00095	13.6	97897	4569822	46.66	0.13
32 years	97850	97	0.99901	0.00099	14.0	97802	4471925	45.70	0.13
33 years	97753	101	0.99896	0.00104	12.5	97703	4374123	44.75	0.13
34 years	97652	106	0.99891	0.00109	10.6	97599	4276420	43.79	0.13
35 years	97546	111	0.99886	0.00114	10.1	97491	4178821	42.84	0.14
36 years	97435	118	0.99879	0.00121	10.9	97375	4081330	41.89	0.14
37 years	97317	125	0.99872	0.00128	11.1	97255	3983955	40.94	0.14
38 years	97192	132	0.99864	0.00136	9.7	97127	3886700	39.99	0.14
39 years	97060	140	0.99856	0.00144	8.4	96990	3789573	39.04	0.15

Table 6a Complete life table, Quebec, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	96920	149	0.99846	0.00154	8.5	96845	3692583	38.10	0.15
41 years	96771	160	0.99835	0.00165	9.2	96691	3595738	37.16	0.15
42 years	96611	172	0.99821	0.00179	9.2	96525	3499047	36.22	0.16
43 years	96439	188	0.99806	0.00194	8.0	96345	3402522	35.28	0.16
44 years	96251	202	0.99789	0.00211	7.0	96150	3306177	34.35	0.17
45 years	96049	221	0.99770	0.00230	7.3	95939	3210027	33.42	0.17
46 years	95828	241	0.99748	0.00252	8.0	95707	3114088	32.50	0.17
47 years	95587	265	0.99723	0.00277	7.8	95455	3018381	31.58	0.18
48 years	95322	291	0.99694	0.00306	6.7	95176	2922926	30.66	0.18
49 years	95031	321	0.99663	0.00337	5.9	94871	2827750	29.76	0.19
50 years	94710	352	0.99628	0.00372	6.1	94533	2732879	28.86	0.19
51 years	94358	389	0.99588	0.00412	6.6	94164	2638346	27.96	0.20
52 years	93969	430	0.99543	0.00457	6.4	93754	2544182	27.07	0.20
53 years	93539	475	0.99492	0.00508	5.5	93302	2450428	26.20	0.21
54 years	93064	523	0.99438	0.00562	4.9	92802	2357126	25.33	0.22
55 years	92541	575	0.99378	0.00622	5.2	92254	2264324	24.47	0.22
56 years	91966	634	0.99311	0.00689	5.6	91649	2172070	23.62	0.23
57 years	91332	699	0.99234	0.00766	5.5	90983	2080421	22.78	0.24
58 years	90633	770	0.99150	0.00850	4.7	90248	1989438	21.95	0.24
59 years	89863	845	0.99060	0.00940	4.2	89440	1899190	21.13	0.25
60 years	89018	925	0.98960	0.01040	4.6	88555	1809750	20.33	0.26
61 years	88093	1013	0.98850	0.01150	5.0	87586	1721195	19.54	0.27
62 years	87080	1110	0.98726	0.01274	4.9	86525	1633609	18.76	0.28
63 years	85970	1210	0.98593	0.01407	4.2	85366	1547084	18.00	0.29
64 years	84760	1313	0.98450	0.01550	3.7	84104	1461718	17.25	0.30
65 years	83447	1424	0.98294	0.01706	3.9	82734	1377614	16.51	0.31
66 years	82023	1542	0.98120	0.01880	4.2	81252	1294880	15.79	0.32
67 years	80481	1671	0.97923	0.02077	4.1	79646	1213628	15.08	0.33
68 years	78810	1807	0.97708	0.02292	3.5	77906	1133982	14.39	0.35
69 years	77003	1942	0.97478	0.02522	3.1	76032	1056076	13.71	0.36
70 years	75061	2082	0.97226	0.02774	3.3	74020	980044	13.06	0.38
71 years	72979	2230	0.96945	0.03055	3.6	71864	906024	12.41	0.40
72 years	70749	2386	0.96628	0.03372	3.5	69556	834160	11.79	0.42
73 years	68363	2540	0.96285	0.03715	3.0	67093	764604	11.18	0.44
74 years	65823	2684	0.95922	0.04078	2.8	64481	697511	10.60	0.46
75 years	63139	2827	0.95522	0.04478	3.0	61726	633030	10.03	0.50
76 years	60312	2973	0.95070	0.04930	3.3	58825	571304	9.47	0.53
77 years	57339	3125	0.94551	0.05449	3.3	55777	512479	8.94	0.56
78 years	54214	3270	0.93968	0.06032	2.8	52579	456702	8.42	0.60
79 years	50944	3396	0.93333	0.06667	2.7	49246	404123	7.93	0.65

Table 6a Complete life table, Quebec, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	47548	3500	0.92639	0.07361	3.1	45797	354877	7.46	0.71
81 years	44048	3579	0.91876	0.08124	3.5	42259	309080	7.02	0.77
82 years	40469	3627	0.91037	0.08963	3.4	38655	266821	6.59	0.83
83 years	36842	3637	0.90128	0.09872	3.0	35024	228166	6.19	0.89
84 years	33205	3602	0.89153	0.10847	3.2	31404	193142	5.82	0.99
85 years	29603	3521	0.88106	0.11894	3.9	27843	161738	5.46	1.11
86 years	26082	3397	0.86977	0.13023	4.2	24383	133895	5.13	1.21
87 years	22685	3230	0.85759	0.14241	3.9	21070	109512	4.83	1.31
88 years	19455	2931	0.84934	0.15066	4.0	17990	88442	4.55	1.46
89 years	16524	2691	0.83715	0.16285	4.4	15178	70452	4.26	1.64
90 years	13833	2433	0.82411	0.17589	4.6	12616	55274	4.00	1.85
91 years	11400	2164	0.81016	0.18984	5.0	10317	42658	3.74	2.12
92 years	9236	1891	0.79526	0.20474	5.5	8291	32341	3.50	2.47
93 years	7345	1621	0.77936	0.22064	6.3	6534	24050	3.27	2.89
94 years	5724	1360	0.76244	0.23756	6.8	5044	17516	3.06	3.37
95 years	4364	1115	0.74445	0.25555	7.7	3807	12472	2.86	4.03
96 years	3249	892	0.72534	0.27466	8.7	2803	8665	2.67	4.87
97 years	2357	695	0.70510	0.29490	10.8	2009	5862	2.49	6.03
98 years	1662	526	0.68368	0.31632	12.4	1398	3853	2.32	7.37
99 years	1136	385	0.66107	0.33893	15.5	944	2455	2.16	9.18
100 years	751	272	0.63725	0.36275	17.1	615	1511	2.01	11.16
101 years	479	186	0.61219	0.38781	21.7	386	896	1.87	14.17
102 years	293	121	0.58591	0.41409	25.1	232	510	1.74	17.50
103 years	172	76	0.55839	0.44161	28.2	134	278	1.62	22.24
104 years	96	45	0.52965	0.47035	30.6	73	144	1.51	30.83
105 years	51	26	0.49971	0.50029	70.7	38	71	1.40	50.64
106 years	25	13	0.46860	0.53140	68.5	19	33	1.30	47.97

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 6b Complete life table, Quebec, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	415	0.99585	0.00415	4.8	99626	8200226	82.00	0.08
1 year	99585	34	0.99966	0.00034	15.9	99564	8100600	81.34	0.08
2 years	99551	18	0.99981	0.00019	20.5	99543	8001036	80.37	0.08
3 years	99533	14	0.99987	0.00013	25.9	99527	7901493	79.39	0.08
4 years	99519	10	0.99989	0.00011	33.4	99516	7801966	78.40	0.08
5 years	99509	14	0.99987	0.00013	31.4	99502	7702450	77.40	0.08
6 years	99495	9	0.99990	0.00010	45.0	99490	7602948	76.42	0.08
7 years	99486	7	0.99994	0.00006	58.3	99483	7503458	75.42	0.08
8 years	99479	6	0.99994	0.00006	56.7	99476	7403975	74.43	0.08
9 years	99473	6	0.99994	0.00006	53.3	99470	7304499	73.43	0.08
10 years	99467	7	0.99993	0.00007	49.7	99464	7205029	72.44	0.08
11 years	99460	7	0.99993	0.00007	47.4	99456	7105565	71.44	0.09
12 years	99453	10	0.99990	0.00010	46.8	99448	7006109	70.45	0.09
13 years	99443	13	0.99987	0.00013	34.3	99436	6906661	69.45	0.09
14 years	99430	18	0.99983	0.00017	27.4	99421	6807225	68.46	0.09
15 years	99412	21	0.99978	0.00022	27.2	99402	6707804	67.47	0.09
16 years	99391	27	0.99974	0.00026	28.2	99377	6608402	66.49	0.09
17 years	99364	29	0.99970	0.00030	27.3	99350	6509025	65.51	0.09
18 years	99335	31	0.99968	0.00032	23.7	99319	6409675	64.53	0.09
19 years	99304	33	0.99967	0.00033	20.1	99287	6310356	63.55	0.09
20 years	99271	34	0.99966	0.00034	19.9	99255	6211069	62.57	0.10
21 years	99237	34	0.99966	0.00034	22.4	99220	6111814	61.59	0.10
22 years	99203	34	0.99965	0.00035	23.9	99186	6012594	60.61	0.10
23 years	99169	34	0.99966	0.00034	22.5	99152	5913408	59.63	0.10
24 years	99135	33	0.99967	0.00033	20.5	99119	5814256	58.65	0.10
25 years	99102	31	0.99968	0.00032	21.2	99087	5715137	57.67	0.10
26 years	99071	30	0.99969	0.00031	24.7	99056	5616050	56.69	0.10
27 years	99041	31	0.99969	0.00031	26.6	99025	5516994	55.70	0.11
28 years	99010	31	0.99968	0.00032	24.2	98994	5417969	54.72	0.11
29 years	98979	33	0.99967	0.00033	21.2	98962	5318975	53.74	0.11
30 years	98946	34	0.99965	0.00035	21.2	98930	5220013	52.76	0.11
31 years	98912	37	0.99963	0.00037	22.9	98893	5121083	51.77	0.11
32 years	98875	41	0.99959	0.00041	22.3	98855	5022190	50.79	0.11
33 years	98834	46	0.99953	0.00047	18.3	98811	4923335	49.81	0.12
34 years	98788	54	0.99946	0.00054	14.8	98760	4824524	48.84	0.12
35 years	98734	62	0.99937	0.00063	14.1	98703	4725764	47.86	0.12
36 years	98672	70	0.99929	0.00071	14.7	98638	4627061	46.89	0.12
37 years	98602	76	0.99922	0.00078	14.4	98564	4528423	45.93	0.13
38 years	98526	83	0.99916	0.00084	12.6	98484	4429859	44.96	0.13
39 years	98443	87	0.99912	0.00088	10.9	98400	4331375	44.00	0.13

Table 6b Complete life table, Quebec, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	98356	91	0.99907	0.00093	11.1	98311	4232975	43.04	0.13
41 years	98265	97	0.99901	0.00099	12.1	98217	4134664	42.08	0.14
42 years	98168	107	0.99891	0.00109	11.8	98114	4036447	41.12	0.14
43 years	98061	120	0.99878	0.00122	9.9	98001	3938333	40.16	0.14
44 years	97941	136	0.99861	0.00139	8.5	97873	3840332	39.21	0.14
45 years	97805	155	0.99842	0.00158	8.8	97728	3742459	38.26	0.15
46 years	97650	173	0.99823	0.00177	9.4	97563	3644731	37.32	0.15
47 years	97477	191	0.99804	0.00196	9.3	97381	3547168	36.39	0.15
48 years	97286	207	0.99788	0.00212	8.0	97183	3449787	35.46	0.16
49 years	97079	220	0.99773	0.00227	7.1	96969	3352604	34.53	0.16
50 years	96859	236	0.99757	0.00243	7.4	96741	3255635	33.61	0.17
51 years	96623	252	0.99739	0.00261	8.1	96497	3158894	32.69	0.17
52 years	96371	274	0.99716	0.00284	8.1	96234	3062397	31.78	0.17
53 years	96097	299	0.99689	0.00311	6.9	95948	2966163	30.87	0.18
54 years	95798	327	0.99658	0.00342	6.2	95634	2870215	29.96	0.18
55 years	95471	359	0.99624	0.00376	6.5	95291	2774581	29.06	0.19
56 years	95112	392	0.99588	0.00412	7.1	94916	2679290	28.17	0.19
57 years	94720	428	0.99548	0.00452	7.0	94506	2584374	27.28	0.20
58 years	94292	466	0.99507	0.00493	6.1	94059	2489868	26.41	0.20
59 years	93826	502	0.99464	0.00536	5.5	93575	2395809	25.53	0.21
60 years	93324	544	0.99418	0.00582	5.9	93052	2302234	24.67	0.21
61 years	92780	589	0.99365	0.00635	6.5	92486	2209182	23.81	0.22
62 years	92191	643	0.99302	0.00698	6.4	91869	2116696	22.96	0.23
63 years	91548	703	0.99233	0.00767	5.5	91196	2024827	22.12	0.23
64 years	90845	766	0.99157	0.00843	4.8	90462	1933631	21.28	0.24
65 years	90079	836	0.99073	0.00927	5.0	89661	1843169	20.46	0.25
66 years	89243	911	0.98979	0.01021	5.4	88788	1753508	19.65	0.25
67 years	88332	996	0.98872	0.01128	5.3	87834	1664720	18.85	0.26
68 years	87336	1084	0.98759	0.01241	4.5	86794	1576886	18.06	0.27
69 years	86252	1173	0.98640	0.01360	3.9	85665	1490092	17.28	0.28
70 years	85079	1270	0.98508	0.01492	4.1	84444	1404427	16.51	0.29
71 years	83809	1378	0.98355	0.01645	4.4	83121	1319983	15.75	0.30
72 years	82431	1505	0.98175	0.01825	4.3	81678	1236862	15.00	0.31
73 years	80926	1639	0.97975	0.02025	3.7	80107	1155184	14.27	0.33
74 years	79287	1775	0.97761	0.02239	3.2	78399	1075077	13.56	0.34
75 years	77512	1923	0.97520	0.02480	3.4	76551	996678	12.86	0.36
76 years	75589	2087	0.97239	0.02761	3.7	74545	920127	12.17	0.38
77 years	73502	2275	0.96904	0.03096	3.6	72365	845582	11.50	0.40
78 years	71227	2471	0.96531	0.03469	3.1	69991	773217	10.86	0.42
79 years	68756	2664	0.96126	0.03874	2.8	67423	703226	10.23	0.44

Table 6b Complete life table, Quebec, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	66092	2862	0.95670	0.04330	3.1	64661	635803	9.62	0.48
81 years	63230	3071	0.95144	0.04856	3.4	61695	571142	9.03	0.51
82 years	60159	3292	0.94527	0.05473	3.3	58513	509447	8.47	0.54
83 years	56867	3507	0.93833	0.06167	2.8	55114	450934	7.93	0.58
84 years	53360	3695	0.93075	0.06925	2.8	51512	395820	7.42	0.63
85 years	49665	3857	0.92234	0.07766	3.3	47736	344308	6.93	0.68
86 years	45808	3990	0.91289	0.08711	3.4	43813	296572	6.47	0.73
87 years	41818	4090	0.90221	0.09779	3.1	39773	252759	6.04	0.79
88 years	37728	4050	0.89265	0.10735	3.1	35703	212986	5.65	0.86
89 years	33678	3995	0.88137	0.11863	3.2	31681	177283	5.26	0.94
90 years	29683	3883	0.86918	0.13082	3.3	27741	145602	4.91	1.04
91 years	25800	3714	0.85605	0.14395	3.5	23943	117861	4.57	1.17
92 years	22086	3491	0.84195	0.15805	3.6	20340	93918	4.25	1.31
93 years	18595	3219	0.82687	0.17313	3.8	16986	73578	3.96	1.49
94 years	15376	2910	0.81076	0.18924	4.2	13921	56592	3.68	1.72
95 years	12466	2572	0.79364	0.20636	4.4	11180	42671	3.42	1.99
96 years	9894	2222	0.77548	0.22452	4.8	8783	31491	3.18	2.35
97 years	7672	1870	0.75629	0.24371	5.7	6737	22708	2.96	2.81
98 years	5802	1531	0.73608	0.26392	6.3	5037	15971	2.75	3.36
99 years	4271	1218	0.71487	0.28513	7.2	3662	10934	2.56	4.10
100 years	3053	938	0.69268	0.30732	8.7	2584	7272	2.38	5.10
101 years	2115	699	0.66954	0.33046	10.1	1766	4688	2.22	6.33
102 years	1416	502	0.64551	0.35449	12.2	1165	2922	2.06	8.05
103 years	914	347	0.62063	0.37937	14.8	741	1757	1.92	10.41
104 years	567	229	0.59496	0.40504	17.1	452	1016	1.79	13.78
105 years	338	146	0.56857	0.43143	23.1	265	564	1.67	19.69
106 years	192	88	0.54153	0.45847	32.9	148	299	1.56	29.00
107 years	104	51	0.51392	0.48608	43.9	78	151	1.46	43.42
108 years	53	27	0.48584	0.51416	85.4	40	73	1.36	70.31

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 7a Complete life table, Ontario, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	569	0.99431	0.00569	2.9	99489	7736682	77.37	0.07
1 year	99431	33	0.99967	0.00033	11.8	99414	7637193	76.81	0.07
2 years	99398	19	0.99981	0.00019	15.1	99386	7537779	75.83	0.07
3 years	99379	19	0.99981	0.00019	15.5	99369	7438393	74.85	0.07
4 years	99360	17	0.99982	0.00018	16.7	99350	7339024	73.86	0.07
5 years	99343	18	0.99982	0.00018	20.6	99334	7239674	72.88	0.07
6 years	99325	13	0.99987	0.00013	29.4	99319	7140340	71.89	0.07
7 years	99312	10	0.99990	0.00010	35.4	99307	7041021	70.90	0.07
8 years	99302	9	0.99991	0.00009	34.7	99298	6941714	69.90	0.07
9 years	99293	9	0.99991	0.00009	33.2	99289	6842416	68.91	0.07
10 years	99284	10	0.99990	0.00010	31.0	99279	6743127	67.92	0.07
11 years	99274	10	0.99990	0.00010	29.5	99270	6643848	66.92	0.08
12 years	99264	14	0.99986	0.00014	29.1	99257	6544578	65.93	0.08
13 years	99250	20	0.99980	0.00020	20.0	99240	6445321	64.94	0.08
14 years	99230	28	0.99972	0.00028	15.8	99216	6346081	63.95	0.08
15 years	99202	37	0.99963	0.00037	15.7	99183	6246865	62.97	0.08
16 years	99165	45	0.99954	0.00046	16.0	99142	6147682	61.99	0.08
17 years	99120	52	0.99948	0.00052	15.2	99094	6048540	61.02	0.08
18 years	99068	57	0.99943	0.00057	13.0	99039	5949446	60.05	0.08
19 years	99011	60	0.99939	0.00061	11.2	98981	5850407	59.09	0.08
20 years	98951	63	0.99936	0.00064	11.4	98920	5751426	58.12	0.09
21 years	98888	65	0.99934	0.00066	12.9	98855	5652506	57.16	0.09
22 years	98823	66	0.99933	0.00067	13.6	98790	5553651	56.20	0.09
23 years	98757	68	0.99932	0.00068	12.5	98723	5454861	55.24	0.09
24 years	98689	67	0.99932	0.00068	11.0	98656	5356138	54.27	0.09
25 years	98622	66	0.99933	0.00067	11.1	98589	5257482	53.31	0.09
26 years	98556	66	0.99933	0.00067	12.7	98524	5158893	52.34	0.09
27 years	98490	66	0.99933	0.00067	13.5	98457	5060369	51.38	0.09
28 years	98424	67	0.99931	0.00069	12.4	98390	4961912	50.41	0.10
29 years	98357	69	0.99930	0.00070	10.7	98323	4863522	49.45	0.10
30 years	98288	71	0.99928	0.00072	10.5	98252	4765199	48.48	0.10
31 years	98217	74	0.99925	0.00075	11.6	98179	4666947	47.52	0.10
32 years	98143	78	0.99921	0.00079	11.9	98105	4568768	46.55	0.10
33 years	98065	81	0.99917	0.00083	10.6	98024	4470663	45.59	0.10
34 years	97984	85	0.99913	0.00087	9.0	97942	4372639	44.63	0.11
35 years	97899	91	0.99907	0.00093	8.7	97853	4274697	43.66	0.11
36 years	97808	97	0.99901	0.00099	9.4	97759	4176844	42.70	0.11
37 years	97711	105	0.99893	0.00107	9.4	97659	4079085	41.75	0.11
38 years	97606	113	0.99884	0.00116	8.2	97549	3981426	40.79	0.12
39 years	97493	121	0.99875	0.00125	7.1	97433	3883877	39.84	0.12

Table 7a Complete life table, Ontario, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	97372	132	0.99864	0.00136	7.3	97306	3786444	38.89	0.12
41 years	97240	144	0.99852	0.00148	8.0	97167	3689138	37.94	0.12
42 years	97096	159	0.99837	0.00163	7.8	97017	3591971	36.99	0.13
43 years	96937	176	0.99818	0.00182	6.6	96848	3494954	36.05	0.13
44 years	96761	196	0.99798	0.00202	5.8	96663	3398106	35.12	0.13
45 years	96565	217	0.99775	0.00225	6.0	96457	3301443	34.19	0.14
46 years	96348	240	0.99751	0.00249	6.6	96228	3204986	33.26	0.14
47 years	96108	263	0.99726	0.00274	6.5	95977	3108758	32.35	0.14
48 years	95845	286	0.99702	0.00298	5.6	95702	3012781	31.43	0.15
49 years	95559	308	0.99678	0.00322	4.9	95405	2917079	30.53	0.15
50 years	95251	332	0.99651	0.00349	5.1	95084	2821674	29.62	0.15
51 years	94919	361	0.99620	0.00380	5.6	94739	2726590	28.73	0.16
52 years	94558	395	0.99582	0.00418	5.5	94361	2631851	27.83	0.16
53 years	94163	435	0.99538	0.00462	4.7	93946	2537490	26.95	0.17
54 years	93728	480	0.99488	0.00512	4.2	93488	2443544	26.07	0.17
55 years	93248	529	0.99432	0.00568	4.6	92983	2350056	25.20	0.18
56 years	92719	585	0.99370	0.00630	5.0	92427	2257073	24.34	0.18
57 years	92134	645	0.99299	0.00701	4.9	91811	2164646	23.49	0.19
58 years	91489	713	0.99221	0.00779	4.1	91132	2072835	22.66	0.19
59 years	90776	785	0.99136	0.00864	3.7	90383	1981703	21.83	0.20
60 years	89991	862	0.99043	0.00957	3.9	89560	1891320	21.02	0.20
61 years	89129	943	0.98941	0.01059	4.3	88658	1801760	20.22	0.21
62 years	88186	1032	0.98830	0.01170	4.2	87670	1713102	19.43	0.22
63 years	87154	1123	0.98712	0.01288	3.6	86592	1625432	18.65	0.22
64 years	86031	1214	0.98588	0.01412	3.2	85424	1538840	17.89	0.23
65 years	84817	1311	0.98454	0.01546	3.3	84161	1453416	17.14	0.24
66 years	83506	1417	0.98304	0.01696	3.6	82797	1369255	16.40	0.25
67 years	82089	1532	0.98134	0.01866	3.5	81324	1286458	15.67	0.26
68 years	80557	1651	0.97950	0.02050	3.0	79732	1205134	14.96	0.27
69 years	78906	1770	0.97757	0.02243	2.7	78021	1125402	14.26	0.28
70 years	77136	1895	0.97543	0.02457	2.8	76189	1047381	13.58	0.29
71 years	75241	2034	0.97296	0.02704	3.0	74224	971192	12.91	0.30
72 years	73207	2192	0.97006	0.02994	3.0	72111	896968	12.25	0.32
73 years	71015	2361	0.96675	0.03325	2.5	69834	824857	11.62	0.33
74 years	68654	2532	0.96312	0.03688	2.3	67388	755023	11.00	0.35
75 years	66122	2704	0.95911	0.04089	2.5	64770	687635	10.40	0.37
76 years	63418	2875	0.95466	0.04534	2.7	61980	622865	9.82	0.40
77 years	60543	3043	0.94975	0.05025	2.6	59022	560885	9.26	0.42
78 years	57500	3187	0.94456	0.05544	2.3	55906	501863	8.73	0.45
79 years	54313	3305	0.93915	0.06085	2.2	52660	445957	8.21	0.48

Table 7a Complete life table, Ontario, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	51008	3408	0.93319	0.06681	2.5	49304	393297	7.71	0.53
81 years	47600	3506	0.92635	0.07365	2.8	45847	343993	7.23	0.57
82 years	44094	3602	0.91832	0.08168	2.7	42293	298146	6.76	0.61
83 years	40492	3672	0.90930	0.09070	2.4	38656	255853	6.32	0.66
84 years	36820	3700	0.89952	0.10048	2.5	34970	217197	5.90	0.74
85 years	33120	3688	0.88865	0.11135	3.0	31276	182227	5.50	0.82
86 years	29432	3638	0.87638	0.12362	3.2	27613	150951	5.13	0.90
87 years	25794	3550	0.86237	0.13763	3.0	24019	123338	4.78	0.98
88 years	22244	3342	0.84979	0.15021	3.1	20573	99319	4.47	1.10
89 years	18902	3099	0.83601	0.16399	3.3	17353	78746	4.17	1.24
90 years	15803	2825	0.82128	0.17872	3.6	14390	61393	3.89	1.41
91 years	12978	2523	0.80557	0.19443	3.8	11717	47003	3.62	1.61
92 years	10455	2207	0.78888	0.21112	4.1	9351	35286	3.38	1.86
93 years	8248	1888	0.77118	0.22882	4.5	7304	25935	3.14	2.18
94 years	6360	1574	0.75246	0.24754	5.4	5573	18631	2.93	2.61
95 years	4786	1279	0.73272	0.26728	5.8	4147	13058	2.73	3.08
96 years	3507	1010	0.71197	0.28803	6.5	3002	8911	2.54	3.74
97 years	2497	774	0.69020	0.30980	8.0	2110	5909	2.37	4.63
98 years	1723	573	0.66745	0.33255	8.9	1436	3799	2.20	5.70
99 years	1150	410	0.64373	0.35627	10.7	946	2363	2.05	7.30
100 years	740	282	0.61908	0.38092	14.1	599	1417	1.91	9.64
101 years	458	186	0.59353	0.40647	16.2	365	818	1.78	12.44
102 years	272	118	0.56714	0.43286	19.4	213	453	1.66	17.26
103 years	154	71	0.53996	0.46004	27.8	119	240	1.55	26.05
104 years	83	40	0.51205	0.48795	50.6	63	121	1.45	40.74
105 years	43	22	0.48347	0.51653	49.2	32	58	1.35	53.83
106 years	21	12	0.45431	F	F	15	26	1.26	93.95
107 years	9	5	0.42463	F	F	7	11	1.18	95.42
108 years	4	2	0.39452	F	F	2	4	1.11	91.46

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 7b Complete life table, Ontario, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	493	0.99507	0.00493	3.2	99560	8204363	82.04	0.06
1 year	99507	28	0.99971	0.00029	13.1	99493	8104803	81.45	0.06
2 years	99479	21	0.99979	0.00021	15.1	99467	8005310	80.47	0.06
3 years	99458	17	0.99983	0.00017	16.7	99450	7905843	79.49	0.06
4 years	99441	12	0.99988	0.00012	19.2	99433	7806393	78.50	0.06
5 years	99429	9	0.99991	0.00009	31.7	99424	7706960	77.51	0.06
6 years	99420	8	0.99992	0.00008	43.5	99416	7607536	76.52	0.06
7 years	99412	7	0.99993	0.00007	43.4	99408	7508120	75.53	0.06
8 years	99405	6	0.99994	0.00006	41.9	99402	7408712	74.53	0.07
9 years	99399	7	0.99993	0.00007	38.9	99396	7309310	73.54	0.07
10 years	99392	7	0.99992	0.00008	36.2	99389	7209914	72.54	0.07
11 years	99385	8	0.99992	0.00008	34.8	99381	7110525	71.55	0.07
12 years	99377	11	0.99989	0.00011	34.3	99371	7011144	70.55	0.07
13 years	99366	13	0.99987	0.00013	26.7	99360	6911773	69.56	0.07
14 years	99353	16	0.99984	0.00016	21.6	99345	6812413	68.57	0.07
15 years	99337	20	0.99980	0.00020	21.6	99328	6713068	67.58	0.07
16 years	99317	22	0.99977	0.00023	22.8	99306	6613740	66.59	0.07
17 years	99295	25	0.99975	0.00025	22.6	99282	6514434	65.61	0.07
18 years	99270	26	0.99974	0.00026	20.1	99257	6415152	64.62	0.07
19 years	99244	26	0.99974	0.00026	17.7	99231	6315895	63.64	0.08
20 years	99218	26	0.99974	0.00026	18.1	99205	6216664	62.66	0.08
21 years	99192	27	0.99974	0.00026	20.8	99178	6117459	61.67	0.08
22 years	99165	26	0.99973	0.00027	22.1	99152	6018281	60.69	0.08
23 years	99139	27	0.99973	0.00027	20.1	99125	5919129	59.71	0.08
24 years	99112	28	0.99972	0.00028	17.6	99098	5820004	58.72	0.08
25 years	99084	28	0.99971	0.00029	17.6	99070	5720906	57.74	0.08
26 years	99056	30	0.99970	0.00030	19.5	99041	5621836	56.75	0.08
27 years	99026	30	0.99969	0.00031	20.2	99011	5522795	55.77	0.09
28 years	98996	32	0.99968	0.00032	17.9	98980	5423784	54.79	0.09
29 years	98964	34	0.99966	0.00034	15.4	98946	5324804	53.81	0.09
30 years	98930	36	0.99964	0.00036	15.1	98912	5225858	52.82	0.09
31 years	98894	38	0.99961	0.00039	16.4	98876	5126946	51.84	0.09
32 years	98856	41	0.99958	0.00042	16.4	98835	5028070	50.86	0.09
33 years	98815	45	0.99955	0.00045	14.1	98792	4929235	49.88	0.09
34 years	98770	48	0.99951	0.00049	11.9	98747	4830443	48.91	0.10
35 years	98722	53	0.99947	0.00053	11.7	98695	4731696	47.93	0.10
36 years	98669	57	0.99942	0.00058	12.5	98641	4633001	46.95	0.10
37 years	98612	63	0.99936	0.00064	12.2	98580	4534360	45.98	0.10
38 years	98549	71	0.99929	0.00071	10.3	98514	4435780	45.01	0.10
39 years	98478	78	0.99921	0.00079	8.9	98439	4337266	44.04	0.11

Table 7b Complete life table, Ontario, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	98400	86	0.99912	0.00088	9.1	98357	4238827	43.08	0.11
41 years	98314	95	0.99903	0.00097	9.8	98267	4140470	42.11	0.11
42 years	98219	105	0.99893	0.00107	9.6	98166	4042203	41.16	0.11
43 years	98114	114	0.99884	0.00116	8.3	98057	3944037	40.20	0.11
44 years	98000	123	0.99875	0.00125	7.3	97939	3845980	39.24	0.12
45 years	97877	132	0.99865	0.00135	7.7	97811	3748041	38.29	0.12
46 years	97745	144	0.99853	0.00147	8.4	97673	3650230	37.34	0.12
47 years	97601	158	0.99838	0.00162	8.3	97522	3552557	36.40	0.13
48 years	97443	174	0.99821	0.00179	7.1	97355	3455035	35.46	0.13
49 years	97269	192	0.99803	0.00197	6.2	97173	3357680	34.52	0.13
50 years	97077	211	0.99782	0.00218	6.5	96972	3260507	33.59	0.13
51 years	96866	234	0.99759	0.00241	7.0	96748	3163535	32.66	0.14
52 years	96632	258	0.99733	0.00267	6.8	96503	3066787	31.74	0.14
53 years	96374	286	0.99703	0.00297	5.8	96231	2970284	30.82	0.14
54 years	96088	316	0.99671	0.00329	5.2	95929	2874053	29.91	0.15
55 years	95772	349	0.99636	0.00364	5.6	95598	2778124	29.01	0.15
56 years	95423	383	0.99599	0.00401	6.2	95231	2682526	28.11	0.16
57 years	95040	420	0.99558	0.00442	6.1	94831	2587295	27.22	0.16
58 years	94620	456	0.99517	0.00483	5.3	94392	2492464	26.34	0.16
59 years	94164	494	0.99476	0.00524	4.7	93917	2398072	25.47	0.17
60 years	93670	534	0.99430	0.00570	5.0	93403	2304155	24.60	0.17
61 years	93136	580	0.99377	0.00623	5.5	92846	2210752	23.74	0.18
62 years	92556	635	0.99314	0.00686	5.4	92238	2117906	22.88	0.18
63 years	91921	697	0.99241	0.00759	4.6	91573	2025668	22.04	0.19
64 years	91224	766	0.99161	0.00839	4.0	90841	1934095	21.20	0.19
65 years	90458	840	0.99072	0.00928	4.1	90038	1843254	20.38	0.20
66 years	89618	920	0.98973	0.01027	4.5	89158	1753216	19.56	0.21
67 years	88698	1009	0.98862	0.01138	4.4	88193	1664058	18.76	0.21
68 years	87689	1100	0.98746	0.01254	3.7	87138	1575865	17.97	0.22
69 years	86589	1191	0.98624	0.01376	3.2	85994	1488727	17.19	0.22
70 years	85398	1290	0.98490	0.01510	3.3	84752	1402733	16.43	0.23
71 years	84108	1401	0.98335	0.01665	3.6	83408	1317981	15.67	0.24
72 years	82707	1527	0.98154	0.01846	3.5	81944	1234573	14.93	0.25
73 years	81180	1661	0.97954	0.02046	3.0	80350	1152629	14.20	0.26
74 years	79519	1797	0.97739	0.02261	2.6	78620	1072279	13.48	0.27
75 years	77722	1944	0.97499	0.02501	2.8	76750	993659	12.78	0.29
76 years	75778	2107	0.97220	0.02780	3.0	74724	916909	12.10	0.30
77 years	73671	2290	0.96891	0.03109	2.9	72526	842185	11.43	0.32
78 years	71381	2478	0.96529	0.03471	2.5	70142	769659	10.78	0.33
79 years	68903	2659	0.96141	0.03859	2.3	67574	699517	10.15	0.35

Table 7b Complete life table, Ontario, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	66244	2847	0.95703	0.04297	2.5	64820	631943	9.54	0.38
81 years	63397	3051	0.95187	0.04813	2.8	61872	567123	8.95	0.41
82 years	60346	3277	0.94569	0.05431	2.7	58708	505251	8.37	0.43
83 years	57069	3501	0.93866	0.06134	2.3	55318	446543	7.82	0.46
84 years	53568	3699	0.93094	0.06906	2.3	51718	391225	7.30	0.50
85 years	49869	3876	0.92228	0.07772	2.7	47931	339507	6.81	0.55
86 years	45993	4028	0.91242	0.08758	2.8	43979	291576	6.34	0.59
87 years	41965	4151	0.90110	0.09890	2.5	39889	247597	5.90	0.63
88 years	37814	4185	0.88932	0.11068	2.5	35722	207708	5.49	0.68
89 years	33629	4124	0.87736	0.12264	2.6	31567	171986	5.11	0.75
90 years	29505	3999	0.86446	0.13554	2.6	27505	140419	4.76	0.83
91 years	25506	3811	0.85060	0.14940	2.7	23601	112914	4.43	0.92
92 years	21695	3563	0.83575	0.16425	2.8	19913	89313	4.12	1.03
93 years	18132	3266	0.81991	0.18009	3.0	16499	69400	3.83	1.17
94 years	14866	2927	0.80308	0.19692	3.2	13403	52901	3.56	1.34
95 years	11939	2564	0.78525	0.21475	3.5	10657	39498	3.31	1.55
96 years	9375	2190	0.76645	0.23355	3.8	8280	28841	3.08	1.81
97 years	7185	1820	0.74669	0.25332	4.3	6275	20561	2.86	2.13
98 years	5365	1470	0.72600	0.27400	4.8	4631	14286	2.66	2.55
99 years	3895	1151	0.70443	0.29557	5.3	3319	9655	2.48	3.09
100 years	2744	873	0.68203	0.31797	6.2	2308	6336	2.31	3.83
101 years	1871	638	0.65885	0.34115	7.6	1552	4028	2.15	4.87
102 years	1233	450	0.63497	0.36503	9.3	1008	2476	2.01	6.20
103 years	783	305	0.61046	0.38955	11.5	630	1468	1.88	7.98
104 years	478	198	0.58539	0.41461	13.8	379	838	1.75	10.34
105 years	280	123	0.55986	0.44014	18.3	218	459	1.64	13.89
106 years	157	73	0.53397	0.46603	21.7	120	241	1.54	18.36
107 years	84	42	0.50779	0.49221	27.6	64	121	1.44	26.32
108 years	42	22	0.48143	0.51857	53.7	31	57	1.35	41.29

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 8a Complete life table, Manitoba, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	790	0.99210	0.00790	7.6	99313	7567199	75.67	0.23
1 year	99210	45	0.99955	0.00045	31.6	99184	7467886	75.27	0.22
2 years	99165	26	0.99973	0.00027	40.8	99152	7368702	74.31	0.23
3 years	99139	22	0.99978	0.00022	44.7	99128	7269550	73.33	0.23
4 years	99117	21	0.99979	0.00021	44.7	99108	7170422	72.34	0.23
5 years	99096	19	0.99980	0.00020	61.7	99087	7071314	71.36	0.23
6 years	99077	18	0.99982	0.00018	83.8	99067	6972227	70.37	0.24
7 years	99059	15	0.99985	0.00015	88.6	99052	6873160	69.38	0.24
8 years	99044	12	0.99987	0.00013	97.2	99038	6774108	68.39	0.24
9 years	99032	12	0.99989	F	F	99025	6675070	67.40	0.25
10 years	99020	12	0.99987	0.00013	91.1	99014	6576045	66.41	0.25
11 years	99008	14	0.99986	0.00014	79.9	99001	6477031	65.42	0.25
12 years	98994	19	0.99981	0.00019	77.8	98985	6378030	64.43	0.26
13 years	98975	34	0.99966	0.00034	44.4	98958	6279045	63.44	0.26
14 years	98941	54	0.99945	0.00055	34.0	98914	6180087	62.46	0.26
15 years	98887	78	0.99922	0.00078	33.4	98849	6081173	61.50	0.27
16 years	98809	97	0.99901	0.00099	33.7	98760	5982324	60.54	0.27
17 years	98712	111	0.99888	0.00112	32.4	98657	5883564	59.60	0.27
18 years	98601	115	0.99883	0.00117	28.9	98543	5784907	58.67	0.28
19 years	98486	113	0.99885	0.00115	25.6	98430	5686364	57.74	0.28
20 years	98373	108	0.99890	0.00110	26.5	98318	5587934	56.80	0.28
21 years	98265	103	0.99896	0.00104	31.6	98214	5489616	55.87	0.29
22 years	98162	99	0.99900	0.00100	35.4	98112	5391402	54.92	0.29
23 years	98063	95	0.99903	0.00097	34.0	98016	5293290	53.98	0.29
24 years	97968	90	0.99907	0.00093	30.9	97923	5195274	53.03	0.30
25 years	97878	87	0.99911	0.00089	31.4	97835	5097351	52.08	0.30
26 years	97791	85	0.99913	0.00087	35.9	97748	4999516	51.12	0.30
27 years	97706	86	0.99912	0.00088	38.1	97663	4901768	50.17	0.31
28 years	97620	91	0.99906	0.00094	33.5	97574	4804105	49.21	0.31
29 years	97529	101	0.99897	0.00103	28.3	97479	4706531	48.26	0.32
30 years	97428	111	0.99886	0.00114	28.0	97373	4609052	47.31	0.32
31 years	97317	121	0.99876	0.00124	30.4	97256	4511679	46.36	0.33
32 years	97196	127	0.99869	0.00131	31.1	97133	4414423	45.42	0.33
33 years	97069	130	0.99866	0.00134	28.3	97004	4317290	44.48	0.34
34 years	96939	130	0.99866	0.00134	24.6	96874	4220286	43.54	0.34
35 years	96809	128	0.99867	0.00133	24.2	96745	4123412	42.59	0.35
36 years	96681	128	0.99867	0.00133	27.0	96616	4026667	41.65	0.36
37 years	96553	132	0.99864	0.00136	28.2	96487	3930051	40.70	0.37
38 years	96421	136	0.99858	0.00142	25.3	96353	3833564	39.76	0.37
39 years	96285	144	0.99851	0.00149	22.1	96213	3737211	38.81	0.38

Table 8a Complete life table, Manitoba, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	96141	152	0.99841	0.00159	22.3	96065	3640998	37.87	0.39
41 years	95989	165	0.99829	0.00171	24.2	95906	3544933	36.93	0.40
42 years	95824	179	0.99813	0.00187	23.8	95735	3449027	35.99	0.41
43 years	95645	199	0.99792	0.00208	20.2	95546	3353292	35.06	0.42
44 years	95446	223	0.99767	0.00233	17.5	95334	3257746	34.13	0.43
45 years	95223	248	0.99739	0.00261	18.2	95099	3162412	33.21	0.44
46 years	94975	277	0.99709	0.00291	19.7	94837	3067313	32.30	0.45
47 years	94698	304	0.99679	0.00321	19.3	94546	2972476	31.39	0.46
48 years	94394	328	0.99652	0.00348	16.7	94230	2877930	30.49	0.47
49 years	94066	351	0.99627	0.00373	14.9	93890	2783700	29.59	0.48
50 years	93715	377	0.99599	0.00401	15.7	93527	2689810	28.70	0.50
51 years	93338	409	0.99562	0.00438	17.1	93133	2596283	27.82	0.51
52 years	92929	454	0.99511	0.00489	16.6	92702	2503150	26.94	0.52
53 years	92475	517	0.99442	0.00558	13.8	92217	2410448	26.07	0.54
54 years	91958	589	0.99359	0.00641	12.2	91663	2318231	25.21	0.55
55 years	91369	670	0.99267	0.00733	13.1	91034	2226568	24.37	0.57
56 years	90699	751	0.99172	0.00828	14.2	90323	2135534	23.55	0.58
57 years	89948	826	0.99082	0.00918	13.8	89535	2045211	22.74	0.60
58 years	89122	892	0.99000	0.01000	12.0	88677	1955676	21.94	0.61
59 years	88230	950	0.98923	0.01077	10.8	87755	1866999	21.16	0.63
60 years	87280	1009	0.98843	0.01157	11.6	86775	1779244	20.39	0.65
61 years	86271	1078	0.98751	0.01249	12.9	85733	1692469	19.62	0.67
62 years	85193	1159	0.98639	0.01361	12.8	84613	1606736	18.86	0.68
63 years	84034	1258	0.98504	0.01496	11.0	83405	1522123	18.11	0.70
64 years	82776	1364	0.98353	0.01647	9.5	82094	1438718	17.38	0.72
65 years	81412	1475	0.98187	0.01813	9.8	80675	1356624	16.66	0.74
66 years	79937	1591	0.98010	0.01990	10.7	79141	1275949	15.96	0.77
67 years	78346	1705	0.97823	0.02177	10.6	77493	1196808	15.28	0.79
68 years	76641	1812	0.97636	0.02364	9.2	75735	1119315	14.60	0.81
69 years	74829	1910	0.97447	0.02553	8.1	73874	1043580	13.95	0.83
70 years	72919	2010	0.97243	0.02757	8.4	71914	969706	13.30	0.87
71 years	70909	2121	0.97009	0.02991	9.2	69848	897792	12.66	0.91
72 years	68788	2247	0.96733	0.03267	9.1	67664	827944	12.04	0.94
73 years	66541	2381	0.96423	0.03577	7.9	65351	760280	11.43	0.97
74 years	64160	2511	0.96086	0.03914	7.0	62905	694929	10.83	1.01
75 years	61649	2643	0.95712	0.04288	7.4	60327	632024	10.25	1.07
76 years	59006	2780	0.95289	0.04711	8.1	57617	571697	9.69	1.13
77 years	56226	2921	0.94805	0.05195	7.9	54765	514080	9.14	1.19
78 years	53305	3054	0.94269	0.05731	6.8	51778	459315	8.62	1.25
79 years	50251	3171	0.93690	0.06310	6.4	48665	407537	8.11	1.34

Table 8a Complete life table, Manitoba, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	47080	3272	0.93052	0.06948	7.1	45444	358872	7.62	1.45
81 years	43808	3354	0.92342	0.07658	7.8	42131	313428	7.15	1.56
82 years	40454	3421	0.91545	0.08455	7.7	38744	271297	6.71	1.66
83 years	37033	3454	0.90671	0.09329	6.7	35306	232553	6.28	1.78
84 years	33579	3449	0.89730	0.10270	6.9	31854	197247	5.87	1.95
85 years	30130	3403	0.88706	0.11294	8.2	28428	165393	5.49	2.16
86 years	26727	3318	0.87587	0.12413	8.7	25069	136965	5.12	2.35
87 years	23409	3193	0.86356	0.13644	8.0	21812	111896	4.78	2.54
88 years	20216	3031	0.85007	0.14993	8.1	18701	90084	4.46	2.82
89 years	17185	2818	0.83603	0.16397	9.0	15775	71383	4.15	3.17
90 years	14367	2571	0.82102	0.17898	9.5	13082	55608	3.87	3.55
91 years	11796	2300	0.80503	0.19497	9.8	10645	42526	3.61	4.00
92 years	9496	2013	0.78803	0.21197	10.1	8490	31881	3.36	4.59
93 years	7483	1721	0.77003	0.22997	11.4	6622	23391	3.13	5.40
94 years	5762	1435	0.75101	0.24899	12.7	5045	16769	2.91	6.39
95 years	4327	1164	0.73097	0.26903	13.7	3745	11724	2.71	7.67
96 years	3163	917	0.70993	0.29007	18.0	2705	7979	2.52	9.49
97 years	2246	701	0.68790	0.31210	20.5	1895	5274	2.35	11.27
98 years	1545	518	0.66492	0.33508	22.9	1286	3379	2.19	13.36
99 years	1027	369	0.64100	0.35900	24.9	842	2093	2.04	16.07
100 years	658	252	0.61621	0.38379	30.4	533	1251	1.90	20.32
101 years	406	166	0.59057	0.40943	36.9	322	718	1.77	25.71
102 years	240	105	0.56415	0.43585	43.4	188	396	1.65	32.65
103 years	135	62	0.53702	0.46298	56.8	103	208	1.54	43.31
104 years	73	36	0.50923	0.49077	71.4	55	105	1.44	55.76
105 years	37	19	0.48087	0.51913	84.9	28	50	1.35	69.51
106 years	18	10	0.45202	F	F	13	22	1.26	86.45

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 8b Complete life table, Manitoba, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	567	0.99433	0.00567	9.2	99512	8121134	81.21	0.21
1 year	99433	38	0.99962	0.00038	45.3	99411	8021622	80.67	0.20
2 years	99395	23	0.99977	0.00023	61.2	99379	7922211	79.70	0.21
3 years	99372	18	0.99982	0.00018	63.2	99364	7822832	78.72	0.21
4 years	99354	15	0.99985	0.00015	29.1	99343	7723468	77.74	0.21
5 years	99339	3	0.99997	F	F	99338	7624125	76.75	0.21
6 years	99336	2	0.99998	F	F	99335	7524787	75.75	0.22
7 years	99334	8	0.99992	F	F	99330	7425452	74.75	0.22
8 years	99326	10	0.99990	0.00010	93.8	99322	7326122	73.76	0.22
9 years	99316	12	0.99988	0.00012	80.6	99310	7226800	72.77	0.22
10 years	99304	14	0.99985	0.00015	76.2	99297	7127490	71.77	0.23
11 years	99290	15	0.99985	0.00015	75.0	99283	7028193	70.78	0.23
12 years	99275	19	0.99980	0.00020	78.3	99266	6928910	69.79	0.23
13 years	99256	24	0.99976	0.00024	62.2	99244	6829644	68.81	0.24
14 years	99232	28	0.99972	0.00028	51.7	99218	6730400	67.82	0.24
15 years	99204	32	0.99967	0.00033	52.3	99188	6631182	66.84	0.24
16 years	99172	37	0.99963	0.00037	55.9	99153	6531994	65.87	0.24
17 years	99135	41	0.99959	0.00041	55.0	99115	6432841	64.89	0.25
18 years	99094	43	0.99956	0.00044	47.7	99072	6333726	63.92	0.25
19 years	99051	47	0.99953	0.00047	41.1	99028	6234654	62.94	0.25
20 years	99004	49	0.99951	0.00049	41.9	98980	6135626	61.97	0.26
21 years	98955	51	0.99949	0.00051	47.3	98929	6036646	61.00	0.26
22 years	98904	52	0.99947	0.00053	49.8	98879	5937717	60.03	0.26
23 years	98852	52	0.99947	0.00053	45.9	98826	5838838	59.07	0.27
24 years	98800	52	0.99947	0.00053	40.8	98774	5740012	58.10	0.27
25 years	98748	51	0.99948	0.00052	41.5	98722	5641238	57.13	0.27
26 years	98697	50	0.99949	0.00051	47.8	98672	5542516	56.16	0.28
27 years	98647	51	0.99949	0.00051	51.5	98622	5443844	55.19	0.28
28 years	98596	50	0.99949	0.00051	47.9	98571	5345222	54.21	0.29
29 years	98546	50	0.99949	0.00051	42.9	98521	5246651	53.24	0.29
30 years	98496	50	0.99949	0.00051	43.6	98471	5148130	52.27	0.29
31 years	98446	52	0.99947	0.00053	48.5	98420	5049659	51.29	0.30
32 years	98394	55	0.99944	0.00056	48.9	98366	4951239	50.32	0.30
33 years	98339	62	0.99938	0.00062	41.3	98308	4852873	49.35	0.31
34 years	98277	69	0.99929	0.00071	33.7	98242	4754565	48.38	0.31
35 years	98208	79	0.99920	0.00080	32.4	98169	4656323	47.41	0.32
36 years	98129	88	0.99910	0.00090	34.1	98085	4558154	46.45	0.33
37 years	98041	96	0.99902	0.00098	33.7	97994	4460069	45.49	0.33
38 years	97945	102	0.99895	0.00105	29.5	97894	4362075	44.54	0.34
39 years	97843	108	0.99890	0.00110	25.6	97789	4264181	43.58	0.34

Table 8b Complete life table, Manitoba, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	97735	113	0.99884	0.00116	26.0	97678	4166392	42.63	0.35
41 years	97622	119	0.99878	0.00122	28.8	97563	4068714	41.68	0.36
42 years	97503	128	0.99869	0.00131	29.0	97438	3971151	40.73	0.37
43 years	97375	137	0.99859	0.00141	25.3	97307	3873713	39.78	0.37
44 years	97238	148	0.99848	0.00152	22.2	97164	3776406	38.84	0.38
45 years	97090	159	0.99836	0.00164	22.9	97010	3679242	37.90	0.39
46 years	96931	174	0.99821	0.00179	25.0	96844	3582232	36.96	0.40
47 years	96757	189	0.99804	0.00196	24.7	96663	3485388	36.02	0.41
48 years	96568	208	0.99785	0.00215	21.1	96464	3388725	35.09	0.42
49 years	96360	229	0.99763	0.00237	18.5	96245	3292261	34.17	0.42
50 years	96131	250	0.99739	0.00261	19.2	96007	3196016	33.25	0.44
51 years	95881	276	0.99712	0.00288	20.9	95742	3100009	32.33	0.45
52 years	95605	304	0.99682	0.00318	20.4	95453	3004267	31.42	0.46
53 years	95301	333	0.99651	0.00349	17.6	95134	2908814	30.52	0.47
54 years	94968	363	0.99618	0.00382	16.0	94787	2813680	29.63	0.48
55 years	94605	396	0.99581	0.00419	17.3	94406	2718893	28.74	0.49
56 years	94209	435	0.99538	0.00462	19.0	93992	2624487	27.86	0.50
57 years	93774	484	0.99485	0.00515	18.5	93532	2530495	26.99	0.51
58 years	93290	543	0.99418	0.00582	15.5	93018	2436963	26.12	0.52
59 years	92747	612	0.99340	0.00660	13.6	92441	2343945	25.27	0.54
60 years	92135	686	0.99255	0.00745	14.3	91792	2251504	24.44	0.55
61 years	91449	759	0.99170	0.00830	15.6	91069	2159712	23.62	0.56
62 years	90690	825	0.99090	0.00910	15.4	90277	2068643	22.81	0.57
63 years	89865	883	0.99017	0.00983	13.4	89424	1978366	22.01	0.58
64 years	88982	936	0.98948	0.01052	11.6	88513	1888942	21.23	0.60
65 years	88046	988	0.98879	0.01121	12.0	87552	1800429	20.45	0.61
66 years	87058	1040	0.98805	0.01195	13.4	86538	1712877	19.68	0.63
67 years	86018	1100	0.98722	0.01278	13.5	85468	1626339	18.91	0.64
68 years	84918	1154	0.98640	0.01360	11.9	84341	1540871	18.15	0.65
69 years	83764	1205	0.98562	0.01438	10.4	83161	1456530	17.39	0.67
70 years	82559	1262	0.98472	0.01528	10.6	81928	1373369	16.64	0.69
71 years	81297	1334	0.98358	0.01642	11.6	80630	1291441	15.89	0.71
72 years	79963	1437	0.98204	0.01796	11.4	79245	1210811	15.14	0.74
73 years	78526	1559	0.98014	0.01986	9.7	77746	1131566	14.41	0.76
74 years	76967	1697	0.97796	0.02204	8.4	76119	1053820	13.69	0.79
75 years	75270	1846	0.97547	0.02453	8.6	74346	977701	12.99	0.82
76 years	73424	2011	0.97262	0.02738	9.2	72419	903355	12.30	0.86
77 years	71413	2187	0.96937	0.03063	8.9	70320	830936	11.64	0.90
78 years	69226	2359	0.96592	0.03408	7.6	68046	760616	10.99	0.94
79 years	66867	2522	0.96229	0.03771	6.9	65606	692570	10.36	0.99

Table 8b Complete life table, Manitoba, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	64345	2690	0.95819	0.04181	7.4	63000	626964	9.74	1.06
81 years	61655	2879	0.95332	0.04668	8.1	60216	563964	9.15	1.13
82 years	58776	3092	0.94738	0.05262	7.7	57230	503748	8.57	1.19
83 years	55684	3309	0.94058	0.05942	6.6	54029	446518	8.02	1.26
84 years	52375	3504	0.93310	0.06690	6.6	50623	392489	7.49	1.36
85 years	48871	3682	0.92466	0.07534	7.5	47030	341866	7.00	1.48
86 years	45189	3843	0.91495	0.08505	7.7	43268	294836	6.52	1.59
87 years	41346	3982	0.90369	0.09631	6.9	39355	251568	6.08	1.69
88 years	37364	3971	0.89372	0.10628	6.8	35378	212213	5.68	1.83
89 years	33393	3924	0.88249	0.11751	7.4	31431	176835	5.30	2.01
90 years	29469	3821	0.87036	0.12964	7.2	27559	145404	4.93	2.20
91 years	25648	3660	0.85728	0.14272	7.5	23818	117845	4.59	2.44
92 years	21988	3447	0.84323	0.15677	7.7	20265	94027	4.28	2.72
93 years	18541	3186	0.82819	0.17181	8.2	16948	73762	3.98	3.07
94 years	15355	2885	0.81212	0.18788	8.4	13913	56814	3.70	3.50
95 years	12470	2556	0.79502	0.20498	9.5	11192	42901	3.44	4.06
96 years	9914	2212	0.77688	0.22312	10.5	8808	31709	3.20	4.71
97 years	7702	1866	0.75769	0.24231	11.1	6769	22901	2.97	5.48
98 years	5836	1532	0.73748	0.26252	12.3	5070	16132	2.76	6.55
99 years	4304	1221	0.71624	0.28376	14.6	3693	11062	2.57	8.00
100 years	3083	944	0.69401	0.30599	16.2	2611	7369	2.39	9.76
101 years	2139	704	0.67082	0.32918	18.8	1788	4758	2.22	12.31
102 years	1435	507	0.64672	0.35328	21.2	1181	2970	2.07	16.06
103 years	928	351	0.62175	0.37825	29.1	753	1789	1.93	22.31
104 years	577	233	0.59598	0.40402	33.4	460	1036	1.80	31.14
105 years	344	148	0.56946	0.43054	41.3	270	576	1.67	47.70
106 years	196	90	0.54228	F	F	151	306	1.56	79.75
107 years	106	51	0.51452	0.48548	71.7	81	155	1.46	62.51
108 years	55	28	0.48625	F	F	40	74	1.36	91.36

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 9a Complete life table, Saskatchewan, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	703	0.99297	0.00703	8.7	99389	7626678	76.27	0.25
1 year	99297	58	0.99941	0.00059	32.6	99263	7527289	75.81	0.24
2 years	99239	45	0.99955	0.00045	38.6	99216	7428026	74.85	0.24
3 years	99194	44	0.99956	0.00044	27.8	99174	7328810	73.88	0.25
4 years	99150	43	0.99957	0.00043	30.3	99130	7229636	72.92	0.25
5 years	99107	31	0.99968	0.00032	50.6	99091	7130506	71.95	0.25
6 years	99076	25	0.99975	0.00025	71.6	99063	7031415	70.97	0.25
7 years	99051	19	0.99981	0.00019	86.2	99042	6932352	69.99	0.26
8 years	99032	15	0.99984	0.00016	91.8	99024	6833310	69.00	0.26
9 years	99017	15	0.99985	0.00015	90.7	99009	6734286	68.01	0.26
10 years	99002	16	0.99984	0.00016	84.1	98995	6635277	67.02	0.27
11 years	98986	15	0.99985	0.00015	79.9	98978	6536282	66.03	0.27
12 years	98971	23	0.99977	0.00023	74.1	98960	6437304	65.04	0.28
13 years	98948	31	0.99969	0.00031	52.2	98933	6338344	64.06	0.28
14 years	98917	42	0.99957	0.00043	41.4	98896	6239411	63.08	0.28
15 years	98875	57	0.99943	0.00057	40.8	98846	6140515	62.10	0.29
16 years	98818	69	0.99930	0.00070	41.1	98784	6041669	61.14	0.29
17 years	98749	81	0.99918	0.00082	38.2	98709	5942885	60.18	0.29
18 years	98668	91	0.99907	0.00093	31.7	98623	5844176	59.23	0.30
19 years	98577	103	0.99896	0.00104	27.1	98525	5745553	58.28	0.30
20 years	98474	112	0.99886	0.00114	28.2	98418	5647028	57.35	0.31
21 years	98362	120	0.99878	0.00122	31.6	98302	5548610	56.41	0.31
22 years	98242	125	0.99874	0.00127	33.1	98180	5450308	55.48	0.31
23 years	98117	122	0.99875	0.00125	31.1	98056	5352128	54.55	0.32
24 years	97995	117	0.99881	0.00119	28.6	97936	5254072	53.62	0.32
25 years	97878	108	0.99889	0.00111	30.3	97824	5156136	52.68	0.32
26 years	97770	102	0.99896	0.00104	36.2	97719	5058312	51.74	0.33
27 years	97668	101	0.99897	0.00103	39.5	97618	4960593	50.79	0.33
28 years	97567	105	0.99892	0.00108	35.2	97514	4862975	49.84	0.34
29 years	97462	114	0.99883	0.00117	30.1	97405	4765461	48.90	0.34
30 years	97348	126	0.99871	0.00129	29.9	97285	4668056	47.95	0.35
31 years	97222	135	0.99861	0.00139	32.7	97155	4570771	47.01	0.35
32 years	97087	141	0.99854	0.00146	33.7	97016	4473616	46.08	0.36
33 years	96946	144	0.99852	0.00148	30.8	96874	4376600	45.14	0.36
34 years	96802	142	0.99853	0.00147	26.8	96732	4279726	44.21	0.37
35 years	96660	139	0.99856	0.00144	26.0	96590	4182994	43.28	0.37
36 years	96521	139	0.99856	0.00144	28.9	96452	4086404	42.34	0.38
37 years	96382	141	0.99853	0.00147	30.3	96312	3989952	41.40	0.39
38 years	96241	148	0.99846	0.00154	27.0	96167	3893640	40.46	0.39
39 years	96093	157	0.99836	0.00164	23.1	96014	3797473	39.52	0.40

Table 9a Complete life table, Saskatchewan, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	95936	168	0.99825	0.00175	22.8	95852	3701459	38.58	0.41
41 years	95768	180	0.99812	0.00188	24.7	95678	3605607	37.65	0.42
42 years	95588	193	0.99798	0.00202	24.9	95491	3509929	36.72	0.43
43 years	95395	205	0.99785	0.00215	21.9	95292	3414438	35.79	0.44
44 years	95190	217	0.99772	0.00228	19.3	95082	3319146	34.87	0.45
45 years	94973	230	0.99758	0.00242	20.0	94858	3224064	33.95	0.46
46 years	94743	246	0.99740	0.00260	22.1	94620	3129206	33.03	0.47
47 years	94497	266	0.99718	0.00282	21.9	94364	3034586	32.11	0.48
48 years	94231	290	0.99692	0.00308	18.9	94086	2940222	31.20	0.49
49 years	93941	316	0.99663	0.00337	16.9	93782	2846136	30.30	0.50
50 years	93625	346	0.99631	0.00369	17.9	93452	2752354	29.40	0.52
51 years	93279	380	0.99593	0.00407	19.5	93089	2658902	28.50	0.53
52 years	92899	419	0.99549	0.00451	19.1	92690	2565813	27.62	0.54
53 years	92480	462	0.99501	0.00499	16.3	92249	2473123	26.74	0.56
54 years	92018	508	0.99447	0.00553	14.7	91764	2380874	25.87	0.57
55 years	91510	560	0.99389	0.00611	15.8	91230	2289110	25.01	0.59
56 years	90950	615	0.99323	0.00677	17.4	90643	2197880	24.17	0.61
57 years	90335	678	0.99250	0.00750	17.0	89996	2107237	23.33	0.62
58 years	89657	743	0.99171	0.00829	14.5	89285	2017241	22.50	0.63
59 years	88914	811	0.99088	0.00912	12.8	88508	1927956	21.68	0.65
60 years	88103	884	0.98997	0.01003	13.5	87661	1839448	20.88	0.67
61 years	87219	966	0.98892	0.01108	14.8	86737	1751787	20.08	0.69
62 years	86253	1062	0.98769	0.01231	14.4	85722	1665050	19.30	0.71
63 years	85191	1171	0.98625	0.01375	12.1	84605	1579328	18.54	0.72
64 years	84020	1293	0.98462	0.01538	10.4	83374	1494723	17.79	0.74
65 years	82727	1418	0.98286	0.01714	10.6	82018	1411349	17.06	0.77
66 years	81309	1544	0.98101	0.01899	11.5	80537	1329331	16.35	0.79
67 years	79765	1665	0.97912	0.02088	11.3	78933	1248794	15.66	0.81
68 years	78100	1771	0.97732	0.02268	9.8	77214	1169861	14.98	0.83
69 years	76329	1864	0.97558	0.02442	8.5	75397	1092647	14.32	0.86
70 years	74465	1958	0.97371	0.02629	8.8	73486	1017250	13.66	0.90
71 years	72507	2067	0.97149	0.02851	9.7	71473	943764	13.02	0.93
72 years	70440	2201	0.96876	0.03124	9.5	69339	872291	12.38	0.97
73 years	68239	2354	0.96550	0.03450	8.1	67062	802952	11.77	1.00
74 years	65885	2514	0.96185	0.03815	7.2	64628	735890	11.17	1.05
75 years	63371	2674	0.95780	0.04220	7.6	62034	671262	10.59	1.11
76 years	60697	2833	0.95333	0.04667	8.3	59280	609228	10.04	1.17
77 years	57864	2985	0.94842	0.05158	8.1	56372	549948	9.50	1.22
78 years	54879	3118	0.94318	0.05682	7.0	53320	493576	8.99	1.28
79 years	51761	3230	0.93761	0.06239	6.4	50146	440256	8.51	1.37

Table 9a Complete life table, Saskatchewan, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	48531	3321	0.93156	0.06844	7.0	46871	390110	8.04	1.47
81 years	45210	3395	0.92490	0.07510	7.8	43512	343239	7.59	1.58
82 years	41815	3451	0.91748	0.08252	7.7	40089	299727	7.17	1.68
83 years	38364	3476	0.90939	0.09061	6.7	36626	259638	6.77	1.79
84 years	34888	3463	0.90074	0.09926	6.9	33157	223012	6.39	1.96
85 years	31425	3413	0.89138	0.10862	8.1	29718	189855	6.04	2.14
86 years	28012	3329	0.88116	0.11884	8.6	26347	160137	5.72	2.31
87 years	24683	3211	0.86994	0.13006	8.0	23077	133790	5.42	2.45
88 years	21472	2785	0.87029	0.12971	8.1	20080	110713	5.16	2.66
89 years	18687	2609	0.86038	0.13962	8.5	17383	90633	4.85	2.97
90 years	16078	2418	0.84963	0.15037	9.2	14869	73250	4.56	3.34
91 years	13660	2213	0.83797	0.16203	9.9	12553	58381	4.27	3.77
92 years	11447	1999	0.82534	0.17467	11.0	10448	45828	4.00	4.29
93 years	9448	1780	0.81163	0.18837	11.8	8558	35380	3.74	4.90
94 years	7668	1558	0.79679	0.20321	12.8	6889	26822	3.50	5.66
95 years	6110	1340	0.78071	0.21929	14.3	5439	19933	3.26	6.63
96 years	4770	1129	0.76331	0.23669	15.6	4206	14494	3.04	7.81
97 years	3641	930	0.74450	0.25550	18.4	3176	10288	2.83	9.42
98 years	2711	748	0.72418	0.27582	20.1	2337	7112	2.62	11.36
99 years	1963	584	0.70226	0.29774	24.9	1670	4775	2.43	14.20
100 years	1379	443	0.67865	0.32135	31.9	1158	3105	2.25	17.62
101 years	936	325	0.65324	0.34676	32.1	773	1947	2.08	20.93
102 years	611	228	0.62596	0.37405	43.3	497	1174	1.92	27.27
103 years	383	155	0.59671	0.40329	54.6	305	677	1.77	33.65
104 years	228	99	0.56545	0.43455	65.1	179	372	1.63	37.79

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 9b Complete life table, Saskatchewan, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	494	0.99506	0.00494	10.7	99574	8211964	82.12	0.23
1 year	99506	39	0.99961	0.00039	35.0	99484	8112390	81.53	0.22
2 years	99467	24	0.99976	0.00024	64.1	99450	8012906	80.56	0.23
3 years	99443	19	0.99981	0.00019	39.5	99434	7913456	79.58	0.23
4 years	99424	17	0.99984	0.00016	45.4	99413	7814022	78.59	0.23
5 years	99407	10	0.99989	0.00011	96.9	99402	7714609	77.61	0.23
6 years	99397	11	0.99989	F	F	99391	7615207	76.61	0.24
7 years	99386	10	0.99989	F	F	99381	7515816	75.62	0.24
8 years	99376	11	0.99990	F	F	99371	7416435	74.63	0.24
9 years	99365	12	0.99988	0.00012	97.8	99359	7317064	73.64	0.24
10 years	99353	14	0.99985	0.00015	86.0	99346	7217705	72.65	0.25
11 years	99339	16	0.99984	0.00016	78.9	99331	7118359	71.66	0.25
12 years	99323	24	0.99976	0.00024	74.4	99311	7019028	70.67	0.25
13 years	99299	30	0.99970	0.00030	56.3	99284	6919717	69.69	0.26
14 years	99269	37	0.99962	0.00038	44.8	99250	6820433	68.71	0.26
15 years	99232	46	0.99954	0.00046	44.4	99209	6721183	67.73	0.26
16 years	99186	53	0.99947	0.00053	47.2	99160	6621974	66.76	0.27
17 years	99133	56	0.99943	0.00057	47.6	99105	6522814	65.80	0.27
18 years	99077	57	0.99943	0.00057	43.9	99048	6423709	64.84	0.27
19 years	99020	55	0.99945	0.00055	39.8	98993	6324661	63.87	0.28
20 years	98965	51	0.99949	0.00051	41.6	98940	6225668	62.91	0.28
21 years	98914	47	0.99952	0.00048	50.2	98890	6126728	61.94	0.28
22 years	98867	45	0.99955	0.00045	56.7	98845	6027838	60.97	0.29
23 years	98822	43	0.99956	0.00044	54.3	98800	5928993	60.00	0.29
24 years	98779	43	0.99957	0.00043	49.4	98758	5830193	59.02	0.29
25 years	98736	43	0.99957	0.00043	51.0	98714	5731435	58.05	0.30
26 years	98693	42	0.99957	0.00043	58.1	98673	5632721	57.07	0.30
27 years	98651	44	0.99956	0.00044	61.1	98629	5534048	56.10	0.31
28 years	98607	45	0.99954	0.00046	55.0	98584	5435419	55.12	0.31
29 years	98562	47	0.99952	0.00048	48.4	98539	5336835	54.15	0.32
30 years	98515	51	0.99949	0.00051	49.2	98489	5238296	53.17	0.32
31 years	98464	54	0.99945	0.00055	53.6	98437	5139807	52.20	0.33
32 years	98410	59	0.99940	0.00060	53.0	98380	5041370	51.23	0.33
33 years	98351	66	0.99933	0.00067	44.4	98318	4942990	50.26	0.34
34 years	98285	75	0.99924	0.00076	36.0	98248	4844672	49.29	0.34
35 years	98210	83	0.99915	0.00085	34.3	98169	4746424	48.33	0.35
36 years	98127	92	0.99906	0.00094	36.3	98081	4648255	47.37	0.35
37 years	98035	99	0.99899	0.00101	36.4	97985	4550174	46.41	0.36
38 years	97936	104	0.99894	0.00106	32.4	97884	4452189	45.46	0.37
39 years	97832	107	0.99891	0.00109	28.2	97778	4354305	44.51	0.37

Table 9b Complete life table, Saskatchewan, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	97725	109	0.99888	0.00112	28.3	97671	4256527	43.56	0.38
41 years	97616	113	0.99885	0.00115	31.6	97560	4158856	42.60	0.39
42 years	97503	117	0.99879	0.00121	32.5	97444	4061296	41.65	0.39
43 years	97386	124	0.99873	0.00127	29.0	97324	3963852	40.70	0.40
44 years	97262	130	0.99866	0.00134	25.8	97197	3866528	39.75	0.41
45 years	97132	138	0.99858	0.00142	26.8	97063	3769331	38.81	0.42
46 years	96994	148	0.99847	0.00153	29.4	96920	3672268	37.86	0.43
47 years	96846	164	0.99831	0.00169	28.8	96764	3575348	36.92	0.44
48 years	96682	182	0.99812	0.00188	24.4	96591	3478584	35.98	0.45
49 years	96500	202	0.99790	0.00210	21.7	96399	3381993	35.05	0.46
50 years	96298	228	0.99764	0.00236	23.0	96184	3285594	34.12	0.47
51 years	96070	256	0.99733	0.00267	24.7	95942	3189410	33.20	0.48
52 years	95814	290	0.99697	0.00303	23.5	95670	3093468	32.29	0.49
53 years	95524	333	0.99652	0.00348	19.4	95357	2997798	31.38	0.50
54 years	95191	383	0.99597	0.00403	17.1	95000	2902441	30.49	0.51
55 years	94808	436	0.99540	0.00460	18.1	94590	2807441	29.61	0.53
56 years	94372	487	0.99484	0.00516	19.8	94128	2712851	28.75	0.54
57 years	93885	530	0.99436	0.00564	19.7	93620	2618723	27.89	0.55
58 years	93355	559	0.99401	0.00599	17.3	93075	2525103	27.05	0.56
59 years	92796	580	0.99376	0.00624	15.4	92506	2432028	26.21	0.57
60 years	92216	598	0.99351	0.00649	16.2	91918	2339522	25.37	0.58
61 years	91618	624	0.99318	0.00682	18.2	91306	2247604	24.53	0.60
62 years	90994	666	0.99268	0.00732	18.3	90661	2156298	23.70	0.61
63 years	90328	726	0.99197	0.00803	15.7	89965	2065637	22.87	0.62
64 years	89602	797	0.99111	0.00889	13.5	89204	1975672	22.05	0.63
65 years	88805	874	0.99015	0.00985	13.7	88368	1886468	21.24	0.65
66 years	87931	956	0.98914	0.01086	14.9	87453	1798100	20.45	0.67
67 years	86975	1033	0.98812	0.01188	14.7	86459	1710647	19.67	0.68
68 years	85942	1101	0.98719	0.01281	12.8	85391	1624188	18.90	0.70
69 years	84841	1162	0.98630	0.01370	11.1	84261	1538797	18.14	0.72
70 years	83679	1226	0.98534	0.01466	11.3	83066	1454536	17.38	0.74
71 years	82453	1306	0.98417	0.01583	12.4	81800	1371470	16.63	0.77
72 years	81147	1406	0.98267	0.01733	12.2	80444	1289670	15.89	0.79
73 years	79741	1526	0.98087	0.01913	10.4	78978	1209226	15.16	0.81
74 years	78215	1654	0.97885	0.02115	9.0	77389	1130248	14.45	0.84
75 years	76561	1794	0.97656	0.02344	9.3	75663	1052859	13.75	0.88
76 years	74767	1947	0.97397	0.02603	10.0	73794	977196	13.07	0.92
77 years	72820	2110	0.97102	0.02898	9.7	71765	903402	12.41	0.96
78 years	70710	2271	0.96789	0.03211	8.3	69574	831637	11.76	0.99
79 years	68439	2422	0.96462	0.03538	7.4	67229	762063	11.13	1.05

Table 9b Complete life table, Saskatchewan, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	66017	2579	0.96093	0.03907	7.8	64727	694834	10.53	1.11
81 years	63438	2757	0.95654	0.04346	8.5	62060	630107	9.93	1.18
82 years	60681	2962	0.95119	0.04881	8.2	59199	568047	9.36	1.24
83 years	57719	3172	0.94505	0.05495	7.0	56134	508848	8.82	1.31
84 years	54547	3365	0.93830	0.06170	7.0	52864	452714	8.30	1.41
85 years	51182	3548	0.93068	0.06932	8.0	49408	399850	7.81	1.52
86 years	47634	3720	0.92191	0.07809	8.2	45774	350442	7.36	1.62
87 years	43914	3877	0.91171	0.08829	7.4	41976	304668	6.94	1.71
88 years	40037	3554	0.91122	0.08878	7.2	38260	262692	6.56	1.83
89 years	36483	3545	0.90284	0.09716	7.6	34710	224432	6.15	2.00
90 years	32938	3502	0.89367	0.10633	7.7	31187	189722	5.76	2.19
91 years	29436	3425	0.88365	0.11635	7.7	27723	158535	5.39	2.42
92 years	26011	3311	0.87273	0.12727	8.2	24356	130812	5.03	2.71
93 years	22700	3159	0.86081	0.13919	8.3	21120	106456	4.69	3.06
94 years	19541	2974	0.84782	0.15218	9.0	18054	85336	4.37	3.52
95 years	16567	2755	0.83369	0.16631	9.9	15189	67282	4.06	4.08
96 years	13812	2510	0.81832	0.18168	11.2	12557	52093	3.77	4.77
97 years	11302	2242	0.80162	0.19838	11.2	10181	39536	3.50	5.61
98 years	9060	1961	0.78352	0.21648	13.1	8080	29355	3.24	6.86
99 years	7099	1676	0.76393	0.23607	15.7	6261	21275	3.00	8.46
100 years	5423	1395	0.74274	0.25726	18.1	4725	15014	2.77	10.53
101 years	4028	1128	0.71988	0.28012	24.5	3464	10289	2.55	13.41
102 years	2900	884	0.69527	0.30473	23.1	2458	6825	2.35	16.58
103 years	2016	668	0.66883	0.33117	30.9	1682	4367	2.17	22.72
104 years	1348	484	0.64050	0.35950	33.6	1106	2685	1.99	31.60
105 years	864	337	0.61020	0.38980	78.1	696	1579	1.83	48.07
106 years	527	222	0.57792	0.42208	93.1	415	883	1.68	56.41
107 years	305	139	0.54361	0.45639	73.7	235	468	1.54	56.83
108 years	166	82	0.50727	F	F	125	233	1.41	77.51

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 10a Complete life table, Alberta, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	720	0.99280	0.00720	4.9	99373	7704335	77.04	0.14
1 year	99280	41	0.99959	0.00041	20.0	99256	7604962	76.60	0.14
2 years	99239	27	0.99973	0.00027	21.8	99225	7505706	75.63	0.14
3 years	99212	27	0.99973	0.00027	24.0	99200	7406481	74.65	0.15
4 years	99185	25	0.99974	0.00026	29.7	99174	7307281	73.67	0.15
5 years	99160	31	0.99969	0.00031	27.4	99144	7208107	72.69	0.15
6 years	99129	18	0.99982	0.00018	39.0	99120	7108963	71.71	0.15
7 years	99111	7	0.99993	0.00007	79.8	99108	7009843	70.73	0.15
8 years	99104	6	0.99995	0.00006	96.0	99101	6910735	69.73	0.16
9 years	99098	5	0.99995	F	F	99096	6811634	68.74	0.16
10 years	99093	6	0.99993	0.00007	84.1	99090	6712538	67.74	0.16
11 years	99087	8	0.99992	0.00008	68.4	99083	6613448	66.74	0.16
12 years	99079	13	0.99987	0.00013	57.5	99072	6514365	65.75	0.16
13 years	99066	24	0.99976	0.00024	31.8	99054	6415293	64.76	0.17
14 years	99042	38	0.99961	0.00039	24.6	99024	6316239	63.77	0.17
15 years	99004	55	0.99944	0.00056	24.2	98976	6217215	62.80	0.17
16 years	98949	70	0.99929	0.00071	24.2	98914	6118239	61.83	0.17
17 years	98879	81	0.99918	0.00082	22.8	98838	6019325	60.88	0.18
18 years	98798	88	0.99912	0.00088	19.6	98754	5920487	59.93	0.18
19 years	98710	91	0.99908	0.00092	16.9	98665	5821733	58.98	0.18
20 years	98619	92	0.99906	0.00094	17.1	98573	5723068	58.03	0.18
21 years	98527	93	0.99906	0.00094	19.6	98481	5624495	57.09	0.19
22 years	98434	92	0.99906	0.00094	21.1	98388	5526014	56.14	0.19
23 years	98342	92	0.99907	0.00093	19.9	98296	5427626	55.19	0.19
24 years	98250	88	0.99910	0.00090	17.9	98206	5329330	54.24	0.19
25 years	98162	84	0.99914	0.00086	18.2	98120	5231124	53.29	0.20
26 years	98078	82	0.99916	0.00084	21.0	98037	5133004	52.34	0.20
27 years	97996	82	0.99916	0.00084	22.5	97954	5034967	51.38	0.20
28 years	97914	86	0.99913	0.00087	20.2	97871	4937013	50.42	0.20
29 years	97828	90	0.99908	0.00092	17.5	97783	4839142	49.47	0.21
30 years	97738	96	0.99901	0.00099	17.4	97690	4741359	48.51	0.21
31 years	97642	104	0.99894	0.00106	19.0	97590	4643669	47.56	0.22
32 years	97538	108	0.99888	0.00112	19.4	97484	4546079	46.61	0.22
33 years	97430	114	0.99883	0.00117	17.3	97373	4448595	45.66	0.22
34 years	97316	118	0.99879	0.00121	14.9	97257	4351222	44.71	0.23
35 years	97198	121	0.99875	0.00125	14.7	97138	4253965	43.77	0.23
36 years	97077	127	0.99869	0.00131	16.1	97013	4156827	42.82	0.24
37 years	96950	133	0.99863	0.00137	16.5	96884	4059814	41.88	0.24
38 years	96817	141	0.99855	0.00145	14.6	96746	3962930	40.93	0.25
39 years	96676	149	0.99846	0.00154	12.5	96601	3866184	39.99	0.25

Table 10a Complete life table, Alberta, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	96527	159	0.99835	0.00165	12.6	96447	3769583	39.05	0.26
41 years	96368	170	0.99824	0.00176	13.7	96283	3673136	38.12	0.26
42 years	96198	183	0.99810	0.00190	13.7	96107	3576853	37.18	0.27
43 years	96015	197	0.99795	0.00205	11.9	95917	3480746	36.25	0.27
44 years	95818	212	0.99778	0.00222	10.5	95712	3384829	35.33	0.28
45 years	95606	230	0.99759	0.00241	11.0	95491	3289117	34.40	0.29
46 years	95376	249	0.99739	0.00261	12.1	95251	3193626	33.48	0.30
47 years	95127	270	0.99717	0.00283	12.1	94992	3098375	32.57	0.30
48 years	94857	290	0.99694	0.00306	10.5	94712	3003383	31.66	0.31
49 years	94567	311	0.99671	0.00329	9.5	94412	2908671	30.76	0.32
50 years	94256	334	0.99646	0.00354	10.1	94089	2814259	29.86	0.33
51 years	93922	361	0.99615	0.00385	11.2	93741	2720170	28.96	0.34
52 years	93561	395	0.99578	0.00422	11.0	93364	2626429	28.07	0.35
53 years	93166	432	0.99536	0.00464	9.5	92950	2533065	27.19	0.36
54 years	92734	475	0.99488	0.00512	8.7	92497	2440115	26.31	0.37
55 years	92259	521	0.99435	0.00565	9.5	91998	2347618	25.45	0.38
56 years	91738	574	0.99375	0.00625	10.4	91451	2255620	24.59	0.39
57 years	91164	633	0.99306	0.00694	10.2	90847	2164169	23.74	0.40
58 years	90531	697	0.99229	0.00771	8.7	90183	2073322	22.90	0.41
59 years	89834	767	0.99146	0.00854	7.8	89450	1983139	22.08	0.43
60 years	89067	842	0.99055	0.00945	8.3	88646	1893689	21.26	0.44
61 years	88225	921	0.98955	0.01045	9.1	87764	1805043	20.46	0.46
62 years	87304	1009	0.98845	0.01155	9.0	86799	1717279	19.67	0.47
63 years	86295	1099	0.98726	0.01274	7.7	85746	1630480	18.89	0.48
64 years	85196	1193	0.98600	0.01400	6.7	84600	1544734	18.13	0.50
65 years	84003	1290	0.98464	0.01536	7.0	83358	1460134	17.38	0.52
66 years	82713	1395	0.98314	0.01686	7.7	82015	1376776	16.65	0.54
67 years	81318	1506	0.98148	0.01852	7.6	80565	1294761	15.92	0.56
68 years	79812	1618	0.97973	0.02027	6.5	79002	1214196	15.21	0.57
69 years	78194	1728	0.97790	0.02210	5.8	77330	1135194	14.52	0.60
70 years	76466	1843	0.97590	0.02410	6.1	75545	1057864	13.83	0.63
71 years	74623	1968	0.97362	0.02638	6.6	73639	982319	13.16	0.66
72 years	72655	2110	0.97096	0.02904	6.5	71599	908680	12.51	0.69
73 years	70545	2257	0.96801	0.03199	5.6	69417	837081	11.87	0.72
74 years	68288	2401	0.96484	0.03516	5.1	67088	767664	11.24	0.76
75 years	65887	2549	0.96131	0.03869	5.6	64613	700576	10.63	0.80
76 years	63338	2705	0.95729	0.04271	6.2	61985	635963	10.04	0.85
77 years	60633	2872	0.95263	0.04737	6.0	59197	573978	9.47	0.90
78 years	57761	3037	0.94743	0.05257	5.2	56242	514781	8.91	0.95
79 years	54724	3186	0.94178	0.05822	4.9	53132	458539	8.38	1.02

Table 10a Complete life table, Alberta, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	51538	3321	0.93555	0.06445	5.5	49877	405407	7.87	1.11
81 years	48217	3443	0.92860	0.07140	6.1	46495	355530	7.37	1.20
82 years	44774	3546	0.92081	0.07919	6.0	43002	309035	6.90	1.29
83 years	41228	3617	0.91226	0.08774	5.2	39419	266033	6.45	1.39
84 years	37611	3647	0.90303	0.09697	5.5	35787	226614	6.03	1.54
85 years	33964	3634	0.89301	0.10699	6.6	32147	190827	5.62	1.71
86 years	30330	3577	0.88206	0.11794	7.0	28542	158680	5.23	1.87
87 years	26753	3477	0.87004	0.12996	6.5	25014	130138	4.86	2.03
88 years	23276	3408	0.85359	0.14641	6.9	21572	105124	4.52	2.27
89 years	19868	3190	0.83945	0.16055	7.3	18274	83552	4.21	2.53
90 years	16678	2930	0.82431	0.17569	7.5	15213	65278	3.91	2.83
91 years	13748	2637	0.80815	0.19185	8.1	12429	50065	3.64	3.21
92 years	11111	2323	0.79097	0.20903	8.6	9950	37636	3.39	3.65
93 years	8788	1997	0.77275	0.22725	9.2	7789	27686	3.15	4.21
94 years	6791	1674	0.75349	0.24651	9.9	5954	19897	2.93	4.93
95 years	5117	1365	0.73320	0.26680	12.7	4435	13943	2.72	5.90
96 years	3752	1081	0.71189	0.28811	12.1	3211	9508	2.53	6.66
97 years	2671	829	0.68958	0.31042	13.0	2256	6297	2.36	8.10
98 years	1842	615	0.66631	0.33369	16.8	1535	4041	2.19	10.37
99 years	1227	439	0.64211	0.35789	17.8	1007	2506	2.04	13.04
100 years	788	302	0.61703	0.38297	25.7	637	1499	1.90	17.86
101 years	486	199	0.59113	0.40887	33.3	387	862	1.77	23.37
102 years	287	125	0.56446	0.43554	36.1	225	475	1.65	29.97
103 years	162	75	0.53712	0.46288	51.8	125	250	1.54	43.34
104 years	87	43	0.50915	0.49085	87.4	65	125	1.44	62.04
105 years	44	23	0.48066	0.51934	84.9	33	60	1.34	60.43

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 10b Complete life table, Alberta, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	572	0.99428	0.00572	5.6	99508	8210333	82.10	0.14
1 year	99428	73	0.99926	0.00074	15.6	99386	8110825	81.57	0.14
2 years	99355	27	0.99973	0.00027	25.8	99335	8011439	80.63	0.14
3 years	99328	14	0.99986	0.00014	35.4	99322	7912104	79.66	0.14
4 years	99314	7	0.99993	0.00007	50.0	99309	7812782	78.67	0.14
5 years	99307	5	0.99995	0.00005	96.9	99305	7713473	77.67	0.14
6 years	99302	6	0.99994	F	F	99299	7614168	76.68	0.14
7 years	99296	8	0.99992	0.00008	77.9	99292	7514869	75.68	0.15
8 years	99288	8	0.99992	0.00008	75.6	99284	7415577	74.69	0.15
9 years	99280	8	0.99992	0.00008	69.5	99277	7316293	73.69	0.15
10 years	99272	9	0.99991	0.00009	63.0	99267	7217016	72.70	0.15
11 years	99263	10	0.99990	0.00010	59.2	99259	7117749	71.71	0.15
12 years	99253	14	0.99986	0.00014	56.8	99246	7018490	70.71	0.15
13 years	99239	17	0.99982	0.00018	42.6	99231	6919244	69.72	0.16
14 years	99222	23	0.99977	0.00023	34.1	99210	6820013	68.74	0.16
15 years	99199	29	0.99971	0.00029	33.9	99184	6720803	67.75	0.16
16 years	99170	33	0.99967	0.00033	35.6	99154	6621619	66.77	0.16
17 years	99137	36	0.99963	0.00037	35.0	99119	6522465	65.79	0.17
18 years	99101	39	0.99961	0.00039	30.9	99081	6423346	64.82	0.17
19 years	99062	39	0.99960	0.00040	26.8	99043	6324265	63.84	0.17
20 years	99023	40	0.99960	0.00040	27.1	99003	6225222	62.87	0.17
21 years	98983	39	0.99960	0.00040	31.2	98963	6126219	61.89	0.17
22 years	98944	39	0.99961	0.00039	34.0	98925	6027256	60.92	0.18
23 years	98905	37	0.99962	0.00038	32.5	98886	5928331	59.94	0.18
24 years	98868	35	0.99964	0.00036	30.0	98851	5829445	58.96	0.18
25 years	98833	33	0.99967	0.00033	30.9	98816	5730594	57.98	0.18
26 years	98800	32	0.99968	0.00032	35.7	98784	5631778	57.00	0.19
27 years	98768	32	0.99967	0.00033	37.5	98752	5532994	56.02	0.19
28 years	98736	35	0.99964	0.00036	32.1	98718	5434242	55.04	0.19
29 years	98701	41	0.99959	0.00041	27.0	98680	5335524	54.06	0.20
30 years	98660	46	0.99953	0.00047	26.7	98638	5236844	53.08	0.20
31 years	98614	52	0.99947	0.00053	28.3	98588	5138206	52.10	0.20
32 years	98562	58	0.99941	0.00059	27.7	98532	5039618	51.13	0.21
33 years	98504	63	0.99937	0.00063	23.9	98473	4941086	50.16	0.21
34 years	98441	66	0.99932	0.00068	20.2	98408	4842613	49.19	0.21
35 years	98375	71	0.99928	0.00072	19.9	98339	4744205	48.23	0.22
36 years	98304	75	0.99923	0.00077	21.6	98267	4645866	47.26	0.22
37 years	98229	81	0.99918	0.00082	21.7	98188	4547599	46.30	0.23
38 years	98148	87	0.99912	0.00088	18.9	98105	4449411	45.33	0.23
39 years	98061	93	0.99905	0.00095	16.2	98015	4351306	44.37	0.24

Table 10b Complete life table, Alberta, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	97968	100	0.99898	0.00102	16.3	97918	4253291	43.41	0.24
41 years	97868	108	0.99889	0.00111	17.7	97814	4155373	42.46	0.25
42 years	97760	118	0.99880	0.00120	17.6	97701	4057559	41.51	0.25
43 years	97642	127	0.99869	0.00131	15.2	97579	3959858	40.55	0.26
44 years	97515	139	0.99858	0.00142	13.4	97445	3862279	39.61	0.26
45 years	97376	150	0.99846	0.00154	14.1	97302	3764834	38.66	0.27
46 years	97226	164	0.99832	0.00168	15.5	97144	3667532	37.72	0.27
47 years	97062	178	0.99816	0.00184	15.3	96973	3570388	36.78	0.28
48 years	96884	194	0.99800	0.00200	13.3	96787	3473415	35.85	0.29
49 years	96690	210	0.99783	0.00217	11.9	96586	3376628	34.92	0.29
50 years	96480	227	0.99764	0.00236	12.6	96366	3280042	34.00	0.30
51 years	96253	248	0.99743	0.00257	13.9	96130	3183676	33.08	0.31
52 years	96005	271	0.99717	0.00283	13.7	95869	3087546	32.16	0.32
53 years	95734	299	0.99688	0.00312	11.7	95585	2991677	31.25	0.32
54 years	95435	329	0.99656	0.00344	10.7	95271	2896092	30.35	0.33
55 years	95106	361	0.99620	0.00380	11.6	94925	2800821	29.45	0.34
56 years	94745	397	0.99581	0.00419	12.8	94547	2705896	28.56	0.35
57 years	94348	437	0.99537	0.00463	12.6	94130	2611349	27.68	0.36
58 years	93911	480	0.99489	0.00511	10.8	93671	2517219	26.80	0.37
59 years	93431	527	0.99436	0.00564	9.6	93168	2423548	25.94	0.38
60 years	92904	576	0.99379	0.00621	10.2	92616	2330380	25.08	0.39
61 years	92328	628	0.99321	0.00679	11.3	92014	2237764	24.24	0.40
62 years	91700	677	0.99261	0.00739	11.2	91361	2145750	23.40	0.41
63 years	91023	722	0.99207	0.00793	9.8	90662	2054389	22.57	0.42
64 years	90301	762	0.99157	0.00843	8.7	89920	1963727	21.75	0.43
65 years	89539	804	0.99102	0.00898	9.1	89138	1873807	20.93	0.45
66 years	88735	857	0.99034	0.00966	10.0	88307	1784669	20.11	0.46
67 years	87878	926	0.98946	0.01054	9.9	87415	1696362	19.30	0.47
68 years	86952	1010	0.98838	0.01162	8.5	86447	1608947	18.50	0.49
69 years	85942	1103	0.98716	0.01284	7.4	85391	1522500	17.72	0.51
70 years	84839	1207	0.98578	0.01422	7.7	84235	1437109	16.94	0.53
71 years	83632	1320	0.98422	0.01578	8.3	82972	1352874	16.18	0.55
72 years	82312	1444	0.98245	0.01755	8.1	81591	1269902	15.43	0.57
73 years	80868	1571	0.98057	0.01943	6.9	80082	1188311	14.69	0.59
74 years	79297	1698	0.97858	0.02142	6.1	78448	1108229	13.98	0.61
75 years	77599	1834	0.97637	0.02363	6.4	76681	1029781	13.27	0.65
76 years	75765	1986	0.97379	0.02621	7.0	74772	953100	12.58	0.68
77 years	73779	2160	0.97073	0.02927	6.8	72699	878328	11.90	0.71
78 years	71619	2338	0.96735	0.03265	5.8	70449	805629	11.25	0.74
79 years	69281	2512	0.96375	0.03625	5.3	68025	735180	10.61	0.79

Table 10b Complete life table, Alberta, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	66769	2693	0.95966	0.04034	5.8	65423	667155	9.99	0.84
81 years	64076	2895	0.95482	0.04518	6.3	62628	601732	9.39	0.90
82 years	61181	3122	0.94896	0.05104	6.0	59620	539104	8.81	0.95
83 years	58059	3352	0.94227	0.05773	5.2	56382	479484	8.26	1.01
84 years	54707	3562	0.93490	0.06510	5.2	52926	423102	7.73	1.10
85 years	51145	3753	0.92661	0.07339	6.0	49269	370176	7.24	1.20
86 years	47392	3927	0.91713	0.08287	6.2	45429	320907	6.77	1.28
87 years	43465	4077	0.90620	0.09380	5.6	41426	275478	6.34	1.36
88 years	39388	3925	0.90037	0.09963	5.5	37426	234052	5.94	1.48
89 years	35463	3905	0.88986	0.11014	5.8	33510	196626	5.54	1.63
90 years	31558	3836	0.87846	0.12154	6.0	29640	163116	5.17	1.80
91 years	27722	3711	0.86612	0.13388	6.4	25866	133476	4.81	2.00
92 years	24011	3535	0.85281	0.14719	6.5	22244	107610	4.48	2.23
93 years	20476	3307	0.83847	0.16153	6.6	18822	85366	4.17	2.51
94 years	17169	3038	0.82308	0.17692	7.0	15650	66544	3.88	2.88
95 years	14131	2733	0.80660	0.19340	7.6	12765	50894	3.60	3.35
96 years	11398	2405	0.78901	0.21099	8.8	10196	38129	3.35	3.95
97 years	8993	2066	0.77028	0.22972	9.7	7961	27933	3.11	4.65
98 years	6927	1729	0.75040	0.24960	10.6	6063	19972	2.88	5.55
99 years	5198	1406	0.72936	0.27064	12.2	4495	13909	2.68	6.77
100 years	3792	1111	0.70717	0.29283	14.1	3236	9414	2.48	8.39
101 years	2681	847	0.68384	0.31616	16.4	2257	6178	2.30	10.63
102 years	1834	625	0.65937	0.34063	20.5	1522	3921	2.14	13.89
103 years	1209	443	0.63381	0.36619	26.5	987	2399	1.98	18.41
104 years	766	301	0.60720	0.39280	29.5	616	1412	1.84	24.47
105 years	465	195	0.57957	0.42043	44.0	367	796	1.71	35.74
106 years	270	121	0.55099	0.44901	57.5	210	429	1.59	51.48
107 years	149	72	0.52152	F	F	113	219	1.48	78.59

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 11a Complete life table, British Columbia, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	461	0.99539	0.00461	5.9	99600	7806628	78.07	0.12
1 year	99539	28	0.99971	0.00029	27.1	99523	7707028	77.43	0.12
2 years	99511	15	0.99985	0.00015	27.5	99503	7607505	76.45	0.12
3 years	99496	14	0.99986	0.00014	28.7	99490	7508002	75.46	0.12
4 years	99482	13	0.99987	0.00013	27.9	99475	7408512	74.47	0.12
5 years	99469	9	0.99992	0.00008	57.3	99465	7309037	73.48	0.12
6 years	99460	7	0.99993	0.00007	78.3	99456	7209572	72.49	0.12
7 years	99453	7	0.99993	0.00007	76.2	99450	7110116	71.49	0.12
8 years	99446	6	0.99993	0.00007	70.0	99443	7010666	70.50	0.13
9 years	99440	8	0.99992	0.00008	63.9	99436	6911223	69.50	0.13
10 years	99432	10	0.99990	0.00010	57.1	99427	6811787	68.51	0.13
11 years	99422	10	0.99990	0.00010	52.7	99417	6712360	67.51	0.13
12 years	99412	16	0.99984	0.00016	48.3	99404	6612943	66.52	0.13
13 years	99396	23	0.99977	0.00023	32.4	99385	6513539	65.53	0.14
14 years	99373	32	0.99968	0.00032	25.5	99358	6414154	64.55	0.14
15 years	99341	42	0.99957	0.00043	25.1	99320	6314796	63.57	0.14
16 years	99299	52	0.99947	0.00053	25.3	99273	6215476	62.59	0.14
17 years	99247	62	0.99938	0.00062	23.5	99216	6116203	61.63	0.14
18 years	99185	69	0.99930	0.00070	19.5	99150	6016987	60.66	0.14
19 years	99116	77	0.99922	0.00078	16.6	99078	5917837	59.71	0.15
20 years	99039	84	0.99915	0.00085	17.0	98997	5818759	58.75	0.15
21 years	98955	90	0.99909	0.00091	18.9	98910	5719762	57.80	0.15
22 years	98865	94	0.99905	0.00095	19.6	98818	5620852	56.85	0.15
23 years	98771	95	0.99904	0.00096	18.0	98724	5522034	55.91	0.15
24 years	98676	94	0.99905	0.00095	16.0	98629	5423310	54.96	0.16
25 years	98582	91	0.99907	0.00093	16.3	98536	5324681	54.01	0.16
26 years	98491	90	0.99909	0.00091	18.7	98446	5226145	53.06	0.16
27 years	98401	90	0.99909	0.00091	20.2	98356	5127699	52.11	0.16
28 years	98311	91	0.99907	0.00093	18.4	98265	5029343	51.16	0.16
29 years	98220	94	0.99904	0.00096	15.9	98173	4931078	50.20	0.17
30 years	98126	97	0.99901	0.00099	15.5	98077	4832905	49.25	0.17
31 years	98029	102	0.99897	0.00103	17.0	97978	4734828	48.30	0.17
32 years	97927	106	0.99892	0.00108	17.5	97875	4636850	47.35	0.17
33 years	97821	111	0.99886	0.00114	15.5	97765	4538975	46.40	0.18
34 years	97710	118	0.99879	0.00121	13.2	97651	4441210	45.45	0.18
35 years	97592	125	0.99872	0.00128	12.9	97530	4343559	44.51	0.18
36 years	97467	132	0.99864	0.00136	14.0	97401	4246029	43.56	0.19
37 years	97335	140	0.99856	0.00144	14.3	97265	4148628	42.62	0.19
38 years	97195	147	0.99848	0.00152	12.6	97121	4051363	41.68	0.19
39 years	97048	155	0.99840	0.00160	11.0	96971	3954242	40.75	0.20

Table 11a Complete life table, British Columbia, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	96893	163	0.99832	0.00168	11.1	96812	3857271	39.81	0.20
41 years	96730	172	0.99822	0.00178	12.2	96644	3760459	38.88	0.21
42 years	96558	183	0.99810	0.00190	12.3	96466	3663815	37.94	0.21
43 years	96375	197	0.99796	0.00204	10.8	96276	3567349	37.02	0.21
44 years	96178	211	0.99781	0.00219	9.4	96073	3471073	36.09	0.22
45 years	95967	226	0.99764	0.00236	9.7	95854	3375000	35.17	0.22
46 years	95741	244	0.99745	0.00255	10.6	95619	3279146	34.25	0.23
47 years	95497	262	0.99725	0.00275	10.6	95366	3183527	33.34	0.24
48 years	95235	282	0.99704	0.00296	9.3	95094	3088161	32.43	0.24
49 years	94953	301	0.99683	0.00317	8.2	94802	2993067	31.52	0.25
50 years	94652	322	0.99660	0.00340	8.5	94492	2898265	30.62	0.25
51 years	94330	347	0.99632	0.00368	9.3	94156	2803773	29.72	0.26
52 years	93983	378	0.99598	0.00402	9.2	93794	2709617	28.83	0.27
53 years	93605	412	0.99559	0.00441	7.9	93399	2615823	27.95	0.27
54 years	93193	451	0.99516	0.00484	7.2	92968	2522424	27.07	0.28
55 years	92742	494	0.99468	0.00532	7.8	92495	2429456	26.20	0.29
56 years	92248	540	0.99414	0.00586	8.6	91978	2336961	25.33	0.30
57 years	91708	593	0.99354	0.00646	8.4	91411	2244983	24.48	0.31
58 years	91115	647	0.99289	0.00711	7.2	90792	2153572	23.64	0.32
59 years	90468	706	0.99219	0.00781	6.5	90115	2062780	22.80	0.33
60 years	89762	769	0.99144	0.00856	6.9	89377	1972665	21.98	0.34
61 years	88993	836	0.99060	0.00940	7.6	88575	1883288	21.16	0.35
62 years	88157	910	0.98968	0.01032	7.5	87702	1794713	20.36	0.36
63 years	87247	983	0.98873	0.01127	6.4	86756	1707011	19.57	0.37
64 years	86264	1058	0.98774	0.01226	5.7	85735	1620255	18.78	0.38
65 years	85206	1138	0.98665	0.01335	5.9	84637	1534520	18.01	0.39
66 years	84068	1228	0.98539	0.01461	6.4	83455	1449883	17.25	0.41
67 years	82840	1335	0.98388	0.01612	6.3	82172	1366428	16.49	0.42
68 years	81505	1453	0.98218	0.01782	5.4	80778	1284256	15.76	0.43
69 years	80052	1574	0.98033	0.01967	4.7	79266	1203478	15.03	0.45
70 years	78478	1705	0.97827	0.02173	4.9	77625	1124212	14.33	0.47
71 years	76773	1850	0.97591	0.02409	5.3	75848	1046587	13.63	0.50
72 years	74923	2008	0.97320	0.02680	5.2	73919	970739	12.96	0.52
73 years	72915	2173	0.97019	0.02981	4.4	71829	896820	12.30	0.54
74 years	70742	2339	0.96694	0.03306	4.0	69572	824991	11.66	0.57
75 years	68403	2508	0.96334	0.03666	4.3	67150	755419	11.04	0.61
76 years	65895	2681	0.95931	0.04069	4.7	64554	688269	10.44	0.64
77 years	63214	2860	0.95476	0.04524	4.6	61784	623715	9.87	0.68
78 years	60354	3030	0.94979	0.05021	3.9	58839	561931	9.31	0.72
79 years	57324	3185	0.94444	0.05556	3.7	55731	503092	8.78	0.77

Table 11a Complete life table, British Columbia, 2000 to 2002: males

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	54139	3325	0.93859	0.06141	4.2	52477	447361	8.26	0.84
81 years	50814	3450	0.93210	0.06790	4.6	49089	394884	7.77	0.90
82 years	47364	3561	0.92482	0.07518	4.5	45583	345795	7.30	0.96
83 years	43803	3642	0.91685	0.08315	3.9	41982	300212	6.85	1.04
84 years	40161	3683	0.90829	0.09171	4.1	38320	258230	6.43	1.15
85 years	36478	3685	0.89898	0.10102	4.9	34635	219910	6.03	1.27
86 years	32793	3647	0.88880	0.11120	5.2	30969	185275	5.65	1.38
87 years	29146	3567	0.87761	0.12239	4.8	27363	154306	5.29	1.50
88 years	25579	3375	0.86807	0.13193	5.0	23891	126943	4.96	1.66
89 years	22204	3191	0.85627	0.14373	5.4	20609	103052	4.64	1.87
90 years	19013	2974	0.84356	0.15644	5.7	17525	82443	4.34	2.11
91 years	16039	2729	0.82986	0.17014	6.0	14675	64918	4.05	2.40
92 years	13310	2461	0.81514	0.18486	6.4	12079	50243	3.77	2.78
93 years	10849	2177	0.79933	0.20067	7.5	9761	38164	3.52	3.26
94 years	8672	1887	0.78239	0.21761	8.0	7729	28403	3.28	3.81
95 years	6785	1599	0.76426	0.23574	9.4	5985	20674	3.05	4.55
96 years	5186	1323	0.74490	0.25510	10.3	4524	14689	2.83	5.40
97 years	3863	1065	0.72427	0.27573	11.5	3330	10165	2.63	6.58
98 years	2798	833	0.70232	0.29768	13.9	2381	6835	2.44	8.23
99 years	1965	631	0.67903	0.32097	17.2	1650	4454	2.27	10.39
100 years	1334	461	0.65437	0.34563	19.4	1104	2804	2.10	13.09
101 years	873	324	0.62832	0.37168	27.5	710	1700	1.95	17.31
102 years	549	219	0.60087	0.39913	26.3	440	990	1.80	21.30
103 years	330	141	0.57202	0.42798	32.8	259	550	1.67	30.83
104 years	189	87	0.54178	0.45822	48.2	145	291	1.55	48.37
105 years	102	50	0.51018	F	F	77	146	1.43	79.31

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 11b Complete life table, British Columbia, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0 years	100000	360	0.99640	0.00360	6.9	99690	8285346	82.85	0.11
1 year	99640	31	0.99969	0.00031	20.7	99623	8185656	82.15	0.11
2 years	99609	15	0.99984	0.00016	33.3	99598	8086033	81.18	0.11
3 years	99594	11	0.99989	0.00011	38.7	99589	7986435	80.19	0.11
4 years	99583	8	0.99992	0.00008	54.0	99577	7886846	79.20	0.11
5 years	99575	11	0.99989	0.00011	48.4	99570	7787269	78.20	0.11
6 years	99564	8	0.99992	0.00008	69.1	99560	7687699	77.21	0.11
7 years	99556	6	0.99994	0.00006	81.7	99553	7588139	76.22	0.11
8 years	99550	6	0.99994	0.00006	78.6	99547	7488586	75.22	0.11
9 years	99544	6	0.99994	0.00006	72.3	99541	7389039	74.23	0.12
10 years	99538	8	0.99992	0.00008	65.2	99534	7289498	73.23	0.12
11 years	99530	8	0.99992	0.00008	60.6	99526	7189964	72.24	0.12
12 years	99522	11	0.99988	0.00012	57.8	99516	7090438	71.24	0.12
13 years	99511	16	0.99984	0.00016	41.4	99503	6990922	70.25	0.12
14 years	99495	21	0.99979	0.00021	32.5	99485	6891419	69.26	0.12
15 years	99474	26	0.99973	0.00027	32.0	99460	6791934	68.28	0.12
16 years	99448	32	0.99968	0.00032	33.0	99432	6692474	67.30	0.13
17 years	99416	36	0.99964	0.00036	32.0	99398	6593042	66.32	0.13
18 years	99380	38	0.99962	0.00038	28.0	99361	6493644	65.34	0.13
19 years	99342	39	0.99961	0.00039	24.3	99323	6394283	64.37	0.13
20 years	99303	40	0.99960	0.00040	24.9	99283	6294960	63.39	0.13
21 years	99263	39	0.99960	0.00040	28.6	99244	6195677	62.42	0.13
22 years	99224	40	0.99960	0.00040	30.7	99203	6096433	61.44	0.14
23 years	99184	40	0.99960	0.00040	28.7	99164	5997230	60.47	0.14
24 years	99144	39	0.99961	0.00039	25.6	99124	5898066	59.49	0.14
25 years	99105	38	0.99962	0.00038	25.7	99086	5798942	58.51	0.14
26 years	99067	37	0.99962	0.00038	29.4	99049	5699856	57.54	0.14
27 years	99030	37	0.99962	0.00038	31.6	99011	5600807	56.56	0.15
28 years	98993	38	0.99962	0.00038	28.9	98974	5501796	55.58	0.15
29 years	98955	39	0.99961	0.00039	25.1	98936	5402822	54.60	0.15
30 years	98916	40	0.99959	0.00041	24.6	98896	5303886	53.62	0.15
31 years	98876	42	0.99957	0.00043	26.7	98855	5204990	52.64	0.16
32 years	98834	45	0.99954	0.00046	26.8	98811	5106135	51.66	0.16
33 years	98789	49	0.99950	0.00050	23.1	98764	5007324	50.69	0.16
34 years	98740	54	0.99946	0.00054	19.4	98713	4908560	49.71	0.16
35 years	98686	59	0.99940	0.00060	19.0	98656	4809847	48.74	0.17
36 years	98627	65	0.99934	0.00066	20.3	98594	4711191	47.77	0.17
37 years	98562	70	0.99929	0.00071	20.2	98527	4612597	46.80	0.17
38 years	98492	76	0.99923	0.00077	17.5	98454	4514070	45.83	0.18
39 years	98416	81	0.99918	0.00082	15.1	98375	4415616	44.87	0.18

Table 11b Complete life table, British Columbia, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
40 years	98335	87	0.99912	0.00088	15.3	98292	4317241	43.90	0.18
41 years	98248	93	0.99905	0.00095	16.7	98202	4218949	42.94	0.19
42 years	98155	101	0.99897	0.00103	16.6	98105	4120747	41.98	0.19
43 years	98054	110	0.99887	0.00113	14.2	97999	4022642	41.02	0.19
44 years	97944	121	0.99876	0.00124	12.4	97884	3924643	40.07	0.20
45 years	97823	133	0.99864	0.00136	12.8	97756	3826759	39.12	0.20
46 years	97690	146	0.99851	0.00149	13.9	97618	3729003	38.17	0.21
47 years	97544	159	0.99836	0.00164	13.7	97464	3631385	37.23	0.21
48 years	97385	175	0.99821	0.00179	11.7	97297	3533921	36.29	0.22
49 years	97210	191	0.99804	0.00196	10.3	97115	3436624	35.35	0.22
50 years	97019	207	0.99786	0.00214	10.7	96915	3339509	34.42	0.23
51 years	96812	227	0.99766	0.00234	11.7	96699	3242594	33.49	0.23
52 years	96585	248	0.99743	0.00257	11.5	96461	3145895	32.57	0.24
53 years	96337	273	0.99717	0.00283	9.9	96200	3049434	31.65	0.24
54 years	96064	300	0.99688	0.00312	9.0	95913	2953234	30.74	0.25
55 years	95764	328	0.99657	0.00343	9.7	95600	2857321	29.84	0.26
56 years	95436	360	0.99623	0.00377	10.7	95256	2761721	28.94	0.26
57 years	95076	393	0.99586	0.00414	10.6	94880	2666465	28.05	0.27
58 years	94683	429	0.99547	0.00453	9.1	94468	2571585	27.16	0.28
59 years	94254	467	0.99505	0.00495	8.1	94021	2477117	26.28	0.28
60 years	93787	507	0.99460	0.00540	8.6	93533	2383096	25.41	0.29
61 years	93280	551	0.99410	0.00590	9.5	93005	2289563	24.55	0.30
62 years	92729	598	0.99354	0.00646	9.4	92430	2196558	23.69	0.31
63 years	92131	649	0.99296	0.00704	8.1	91807	2104128	22.84	0.31
64 years	91482	699	0.99236	0.00764	7.2	91132	2012321	22.00	0.32
65 years	90783	754	0.99169	0.00831	7.5	90406	1921189	21.16	0.33
66 years	90029	818	0.99092	0.00908	8.2	89620	1830783	20.34	0.34
67 years	89211	891	0.99001	0.00999	8.0	88765	1741163	19.52	0.35
68 years	88320	972	0.98899	0.01101	6.9	87834	1652398	18.71	0.36
69 years	87348	1058	0.98790	0.01210	6.0	86819	1564564	17.91	0.38
70 years	86290	1150	0.98667	0.01333	6.1	85716	1477745	17.13	0.39
71 years	85140	1256	0.98525	0.01475	6.6	84512	1392029	16.35	0.41
72 years	83884	1376	0.98360	0.01640	6.4	83196	1307517	15.59	0.42
73 years	82508	1502	0.98179	0.01821	5.5	81757	1224321	14.84	0.43
74 years	81006	1632	0.97985	0.02015	4.8	80190	1142564	14.10	0.45
75 years	79374	1772	0.97767	0.02233	5.0	78487	1062374	13.38	0.48
76 years	77602	1931	0.97513	0.02487	5.4	76637	983887	12.68	0.50
77 years	75671	2112	0.97209	0.02791	5.2	74615	907250	11.99	0.53
78 years	73559	2298	0.96875	0.03125	4.4	72410	832635	11.32	0.55
79 years	71261	2481	0.96519	0.03481	4.0	70020	760225	10.67	0.59

Table 11b Complete life table, British Columbia, 2000 to 2002: females

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
80 years	68780	2674	0.96113	0.03887	4.4	67444	690205	10.03	0.63
81 years	66106	2890	0.95627	0.04373	4.7	64660	622761	9.42	0.67
82 years	63216	3140	0.95034	0.04966	4.5	61646	558101	8.83	0.71
83 years	60076	3393	0.94352	0.05648	3.8	58380	496455	8.26	0.76
84 years	56683	3627	0.93601	0.06399	3.9	54869	438075	7.73	0.82
85 years	53056	3846	0.92751	0.07249	4.5	51133	383206	7.22	0.90
86 years	49210	4048	0.91775	0.08225	4.6	47186	332073	6.75	0.97
87 years	45162	4225	0.90643	0.09357	4.1	43050	284887	6.31	1.03
88 years	40937	4096	0.89994	0.10006	4.2	38889	241837	5.91	1.13
89 years	36841	4081	0.88924	0.11076	4.3	34800	202948	5.51	1.24
90 years	32760	4009	0.87763	0.12237	4.5	30755	168148	5.13	1.38
91 years	28751	3879	0.86507	0.13493	4.6	26811	137393	4.78	1.54
92 years	24872	3693	0.85152	0.14848	4.8	23025	110582	4.45	1.73
93 years	21179	3454	0.83695	0.16305	5.4	19452	87557	4.13	1.98
94 years	17725	3167	0.82132	0.17868	5.5	16142	68105	3.84	2.25
95 years	14558	2844	0.80460	0.19540	6.1	13136	51963	3.57	2.61
96 years	11714	2498	0.78678	0.21322	6.8	10465	38827	3.31	3.05
97 years	9216	2139	0.76784	0.23216	7.3	8146	28362	3.08	3.58
98 years	7077	1785	0.74778	0.25222	8.6	6184	20216	2.86	4.30
99 years	5292	1447	0.72658	0.27342	9.6	4569	14032	2.65	5.15
100 years	3845	1137	0.70428	0.29572	10.6	3276	9463	2.46	6.28
101 years	2708	864	0.68087	0.31913	13.0	2276	6187	2.28	7.92
102 years	1844	634	0.65640	0.34360	15.0	1527	3911	2.12	9.99
103 years	1210	447	0.63089	0.36911	18.4	986	2384	1.97	13.09
104 years	763	302	0.60440	0.39560	26.4	613	1398	1.83	17.63
105 years	461	195	0.57699	0.42301	31.9	364	785	1.70	22.02
106 years	266	120	0.54871	0.45129	32.1	206	421	1.58	27.15
107 years	146	70	0.51965	0.48035	39.5	111	215	1.47	39.74
108 years	76	39	0.48988	0.51012	85.7	57	104	1.37	65.33

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 12a Abridged life table, Prince Edward Island, 2000 to 2002: males

Age x	l_x	${}_nd_x$	${}_np_x$	${}_nq_x$	cv(${}_nq_x$)	${}_nL_x$	T_x	e_x	cv(e_x)
0 years	100000	532	0.99468	0.00532	52.1	99514	7547214	75.47	0.73
1 to 4 years	99468	0	1.00000	0.00000	0.0	397871	7447700	74.88	0.68
5 to 9 years	99468	106	0.99893	0.00107	99.9	497074	7049829	70.88	0.72
10 to 14 years	99362	99	0.99901	F	F	496612	6552755	65.95	0.77
15 to 19 years	99263	348	0.99649	0.00351	52.1	495531	6056143	61.01	0.83
20 to 24 years	98915	512	0.99483	0.00517	46.2	493366	5560612	56.22	0.88
25 to 29 years	98403	695	0.99293	0.00707	41.9	490280	5067246	51.49	0.93
30 to 34 years	97708	528	0.99460	0.00540	46.2	487249	4576966	46.84	0.98
35 to 39 years	97180	831	0.99145	0.00855	33.2	483984	4089717	42.08	1.07
40 to 44 years	96349	1296	0.98654	0.01346	26.2	478574	3605733	37.42	1.17
45 to 49 years	95053	1159	0.98781	0.01219	28.3	472604	3127159	32.90	1.30
50 to 54 years	93894	2440	0.97401	0.02599	19.4	463869	2654555	28.27	1.48
55 to 59 years	91454	3561	0.96107	0.03893	18.2	449086	2190686	23.95	1.70
60 to 64 years	87893	5892	0.93296	0.06704	15.0	425771	1741600	19.81	1.97
65 to 69 years	82001	8534	0.89593	0.10407	12.6	390076	1315829	16.05	2.29
70 to 74 years	73467	12654	0.82777	0.17223	10.5	337239	925753	12.60	2.74
75 to 79 years	60813	15921	0.73819	0.26181	8.8	265264	588514	9.68	3.33
80 to 84 years	44892	17461	0.61105	0.38895	8.1	180781	323250	7.20	4.36
85 to 89 years	27431	15802	0.42394	0.57606	7.2	95815	142469	5.19	6.29
90 to 94 years	11629	8656	0.25567	0.74433	7.5	33656	46654	4.01	10.84
95 to 99 years	2973	2122	0.28628	0.71372	15.7	8912	12998	4.37	18.67
100+ years	851	851	0.00000	1.00000	0.0	4086	4086	F	F

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 12b Abridged life table, Prince Edward Island, 2000 to 2002: females

Age x	l_x	${}_nd_x$	${}_np_x$	${}_nq_x$	cv(${}_nq_x$)	${}_nL_x$	T_x	e_x	cv(e_x)
0 years	100000	296	0.99704	0.00296	70.6	99746	8174129	81.74	0.61
1 to 4 years	99704	0	1.00000	F	F	398818	8074383	80.98	0.58
5 to 9 years	99704	37	0.99962	F	F	498428	7675565	76.98	0.61
10 to 14 years	99667	34	0.99966	F	F	498283	7177137	72.01	0.65
15 to 19 years	99633	196	0.99803	0.00197	70.6	497691	6678854	67.03	0.70
20 to 24 years	99437	110	0.99890	0.00110	99.9	496894	6181163	62.16	0.74
25 to 29 years	99327	119	0.99880	0.00120	99.9	496378	5684269	57.23	0.80
30 to 34 years	99208	296	0.99701	0.00299	61.1	495350	5187891	52.29	0.87
35 to 39 years	98912	365	0.99632	0.00368	49.9	493715	4692541	47.44	0.94
40 to 44 years	98547	614	0.99376	0.00624	37.7	491385	4198826	42.61	1.03
45 to 49 years	97933	1251	0.98723	0.01277	27.2	486660	3707441	37.86	1.14
50 to 54 years	96682	1200	0.98758	0.01242	27.9	480552	3220781	33.31	1.26
55 to 59 years	95482	1937	0.97972	0.02028	25.6	473038	2740229	28.70	1.43
60 to 64 years	93545	3460	0.96302	0.03698	20.6	459813	2267191	24.24	1.62
65 to 69 years	90085	5476	0.93921	0.06079	16.5	437567	1807378	20.06	1.83
70 to 74 years	84609	7448	0.91196	0.08804	14.5	405683	1369811	16.19	2.08
75 to 79 years	77161	11520	0.85071	0.14929	11.1	359113	964128	12.50	2.42
80 to 84 years	65641	17567	0.73238	0.26762	8.3	286064	605015	9.22	2.96
85 to 89 years	48074	20042	0.58309	0.41691	7.1	190092	318951	6.63	3.77
90 to 94 years	28032	16738	0.40292	0.59708	6.8	95995	128859	4.60	5.12
95 to 99 years	11294	8905	0.21151	0.78849	7.9	30646	32864	2.91	7.33
100+ years	2389	2389	0.00000	1.00000	0.0	2218	2218	F	F

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 13a Abridged life table, Yukon, Northwest Territories and Nunavut, 2000 to 2002: males

Age x	l_x	${}_nd_x$	${}_np_x$	${}_nq_x$	cv(${}_nq_x$)	${}_nL_x$	T_x	e_x	cv(e_x)
0 years	100000	1334	0.98666	0.01334	31.4	98840	7172169	71.72	1.20
1 to 4 years	98666	111	0.99888	0.00112	99.9	394442	7073329	71.69	1.14
5 to 9 years	98555	68	0.99930	F	F	492604	6678887	67.77	1.20
10 to 14 years	98487	103	0.99896	0.00104	99.9	492500	6186283	62.81	1.29
15 to 19 years	98384	1618	0.98356	0.01644	26.2	488173	5693783	57.87	1.40
20 to 24 years	96766	1525	0.98424	0.01576	29.0	479864	5205610	53.80	1.46
25 to 29 years	95241	869	0.99087	0.00913	37.6	473943	4725746	49.62	1.53
30 to 34 years	94372	1095	0.98840	0.01160	31.4	469109	4251803	45.05	1.66
35 to 39 years	93277	806	0.99135	0.00865	36.0	464427	3782694	40.55	1.82
40 to 44 years	92471	1369	0.98520	0.01480	28.3	459117	3318267	35.88	2.05
45 to 49 years	91102	1694	0.98140	0.01860	26.5	451568	2859150	31.38	2.34
50 to 54 years	89408	2782	0.96889	0.03111	22.2	440478	2407582	26.93	2.72
55 to 59 years	86626	3586	0.95860	0.04140	23.1	424939	1967104	22.71	3.23
60 to 65 years	83040	6490	0.92184	0.07816	21.0	400569	1542165	18.57	3.97
65 to 69 years	76550	11237	0.85321	0.14679	17.3	356242	1141596	14.91	4.94
70 to 74 years	65313	14087	0.78431	0.21569	16.4	292163	785354	12.02	6.23
75 to 79 years	51226	15147	0.70431	0.29569	17.4	218286	493191	9.63	8.12
80 to 84 years	36079	14198	0.60647	0.39353	18.0	144058	274905	7.62	10.87
85 to 89 years	21881	11112	0.49216	0.50784	20.8	80125	130847	5.98	15.70
90 to 94 years	10769	6999	0.35008	0.64992	22.9	34485	50722	4.71	23.62
95 to 99 years	3770	2174	0.42327	0.57673	50.4	13046	16237	4.31	30.37
100+ years	1596	1596	0.00000	1.00000	0.0	3191	3191	F	F

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

Table 13b Abridged life table, Yukon, Northwest Territories and Nunavut, 2000 to 2002: females

Age x	l_x	${}_nd_x$	${}_np_x$	${}_nq_x$	cv(${}_nq_x$)	${}_nL_x$	T_x	e_x	cv(e_x)
0 years	100000	1018	0.98982	0.01018	36.7	99123	7687091	76.87	1.22
1 to 4 years	98982	188	0.99810	0.00190	77.4	395553	7587968	76.66	1.18
5 to 9 years	98794	0	1.00000	F	F	493971	7192415	72.80	1.24
10 to 14 years	98794	147	0.99851	0.00149	86.5	493697	6698444	67.80	1.33
15 to 19 years	98647	455	0.99540	0.00460	52.1	492134	6204747	62.90	1.43
20 to 24 years	98192	325	0.99669	0.00331	65.4	490090	5712613	58.18	1.53
25 to 29 years	97867	166	0.99830	0.00170	86.5	489013	5222523	53.36	1.66
30 to 34 years	97701	773	0.99209	0.00791	38.6	486674	4733510	48.45	1.82
35 to 39 years	96928	665	0.99314	0.00686	40.7	482934	4246836	43.81	2.00
40 to 44 years	96263	564	0.99414	0.00586	46.2	480051	3763902	39.10	2.24
45 to 49 years	95699	1374	0.98565	0.01435	31.9	475165	3283851	34.31	2.55
50 to 54 years	94325	1066	0.98870	0.01130	39.5	469164	2808686	29.78	2.94
55 to 59 years	93259	2350	0.97480	0.02520	34.2	461486	2339522	25.09	3.50
60 to 65 years	90909	6189	0.93193	0.06807	24.9	440544	1878036	20.66	4.24
65 to 69 years	84720	9416	0.88886	0.11114	22.9	401672	1437492	16.97	5.13
70 to 74 years	75304	13914	0.81523	0.18477	20.7	342583	1035820	13.76	6.27
75 to 79 years	61390	13481	0.78040	0.21960	22.1	273276	693237	11.29	7.40
80 to 84 years	47909	14059	0.70656	0.29344	23.6	204551	419961	8.77	9.25
85 to 89 years	33850	14213	0.58011	0.41989	21.4	133731	215410	6.36	11.76
90 to 94 years	19637	14121	0.28092	0.71908	16.5	60608	81679	4.16	18.61
95 to 99 years	5516	3290	0.40351	0.59649	33.2	18845	21071	3.82	18.13
100+ years	2226	2226	0.00000	1.00000	0.0	2226	2226	F	F

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with caution
F too unreliable to be published (indicates a cv of at least 100.0%).

6. Appendices

Appendix 1.

Calculation of separation factors

The separation factor F_x represents the proportion of individuals dying in age interval [x, x+1) who have lived in excess of half of the interval. The value is calculated as follows:

Consider all individuals who died in age interval [x, x+1) and divide them into two groups.

Group 1 consists of those individuals who died in a given year on or after their birthday. For these individuals, birth year plus age equals death year. For example, someone born in April 1940 who died at age 60 in June 2000: 1940 + 60 = 2000.

Group 2 consists of those individuals who died in a given year before their birthday. For these individuals, birth year plus age equals death year minus 1. For example, someone born in April 1940 who died at age 60 in January 2001: 1940 + 60 = 2001 - 1.

Then, $F_x = g_{2,x} / (g_{1,x} + g_{2,x})$, where $g_{k,x}$ is the number of deaths at age x in death group k during the 2000 to 2002 period.

Text tables A1 and A2 present a list of the separation factors at ages 0 to 4 years used in the calculation of the 2000 to 2002 life tables. Complete life tables use separation factors for each age from 0 to 4 years, while abridged life tables use one separation factor at age 0 and another one for age 1 to 4 years. Furthermore, as explained in Section 2.2, regional separation factors were calculated for the 2000 to 2002 tables, as was done for the 1995 to 1997 tables.

Text table A1 Separation factors by region, sex and age - Complete life tables

Region	Males					Females				
	Age (years)					Age (years)				
	0	1	2	3	4	0	1	2	3	4
Atlantic (N.L., P.E.I., N.B., N.S.)	0.08621	0.50000	0.16667	0.57143	0.28571	0.14286	0.33333	0.50000	0.50000	0.66667
Quebec	0.09076	0.66667	0.48276	0.48148	0.50000	0.10000	0.39394	0.61111	0.56250	0.68421
Ontario	0.10243	0.46269	0.39474	0.47619	0.39130	0.10819	0.50000	0.45455	0.52778	0.37037
Western (Man., Sask., Alta., B.C.) and Northern Territories	0.13006	0.42254	0.51282	0.52941	0.53659	0.13889	0.42857	0.34286	0.58333	0.31250
Canada	0.10882	0.48649	0.44643	0.50427	0.45614	0.11873	0.44068	0.44762	0.55000	0.47059

Text table A2 Separation factors by region, sex and age - Abridged life tables

Region	Males		Females	
	Age (years)		Age (years)	
	0	1 - 4	0	1 - 4
Atlantic (N.L., P.E.I., N.B., N.S.)	0.08621	0.43902	0.14286	0.48148
Quebec[1]	0.09076	0.54128	0.10000	0.53488
Ontario[1]	0.10243	0.43523	0.10819	0.47273
Western (Man., Sask., Alta., B.C.) and Northern Territories	0.13006	0.48648	0.13889	0.42105

1. Separation factors for Quebec and Ontario are provided for information purposes only; no abridged life tables are published for these two provinces.

Appendix 2.

Calculation of life table mortality rates at ages 0 to 4 years in the complete life tables

From section 2.1.1, recall that q_x was calculated as

(6) $q_x = 1 - (P_x' / E_x) (E_{x+1} / P_x'')$,

for x = 0 to 4 years.

In order to explain this formula, define the following terms:

E_x^z is the number of persons attaining age x in calendar year z,

P_x^z is the number of persons living at the beginning of year z who are age x years,

D_x^z is the number of persons dying in year z at age x,

${}_{\alpha}D_x^z$ is the number of persons dying in year z at age x who attained age x in year z (their year of birth is z - x); this corresponds to death group 1 mentioned in Appendix 1,

${}_{\delta}D_x^z$ is the number of persons dying in year z at age x who attained age x in year z - 1 (their year of birth is z - x - 1); this corresponds to death group 2 mentioned in Appendix 1.

Three important relationships follow from the previous definitions:

(46) $D_x^z = {}_{\alpha}D_x^z + {}_{\delta}D_x^z$

(47) $E_x^z = P_x^{z+1} + {}_{\alpha}D_x^z$

(48) $E_{x+1}^z = P_x^z - {}_{\delta}D_x^z$

The population counts P_x' and P_x'' are known; they are the January 1 population estimates by age and sex from Demography Division, Statistics Canada. The population counts of those who lived to exact age x in the period 2000 to 2002, E_x and E_{x+1}, were then calculated as follows. For example, as of January 1, 2000, there was an estimated population of 164,953 females in Canada age 0 years (i.e. they were born in 1999 and they survived past the end of December 31, 1999). This count is derived from the 1999 count of live births, from which is subtracted the deaths and emigrations and to which is added the immigrations for this birth cohort. Thus $P_0^{2000} = 164{,}953$.

Now suppose that there were 22 females in Canada who were born in 1999 but who died in 2000 before they reached their first birthday, that is ${}_{\delta}D_0^{2000} = 22$, we can use Equation (48) to get:

$$E_1^{2000} = P_0^{2000} - {}_{\delta}D_0^{2000}$$
$$= 164{,}953 - 22$$
$$= 164{,}931$$

as the estimated number of females who attained age 1 in 2000.

This procedure is continued until all needed E_x^z values are obtained.

Next, from the previous definitions, the life table mortality rates based on a one-year period would be calculated as $q_x = 1 - (P_x^{z+1} / E_x^z) (E_{x+1}^z / P_x^z)$. But since mortality rates from a three-year period (2000 to 2002) are desired, the following are first defined:

E_x the number of persons who attained age x during the period 2000 to 2002,

E_{x+1} the number of persons who attained age x+1 during the period 2000 to 2002,

P_x' the number of persons who attained age x during the period 2000 to 2002 and who were alive at the end of the year in which exact age x was attained,

P_x'' the number of persons alive at the end of the calendar year in which age x was attained and whose $(x+1)^{th}$ birthday falls in the period 2000 to 2002.

It then follows that

$$(49)\quad E_x = \sum_{z=2000}^{2002} E_x^z = \sum_{z=2000}^{2002} (P_x^{z+1} + {}_{\alpha}D_x^z)$$

$$(50)\quad E_{x+1} = \sum_{z=2000}^{2002} E_{x+1}^z = \sum_{z=2000}^{2002} (P_x^z - {}_{\delta}D_x^z)$$

$$(51)\quad P_x' = \sum_{z=2000}^{2002} P_x^{z+1}$$

$$(52)\quad P_x'' = \sum_{z=2000}^{2002} P_x^z$$

In the above equations, E_x^z is defined for x = 0 to 4 and z = 2000 to 2002. Variance estimation followed that used for other age groups:

$$\text{var}(q_x) = q_x^2 (1 - q_x) / ({}_{\alpha}D_x^z + {}_{\delta}D_x^z)$$

But note that there was no averaging of death counts in the denominator over the 3-year period. Whereas in Section 2.1.2 a 3-year average of death counts was used to replace a single year death count in the denominator of the central death rate m_x, in this estimation the 3-year totals are kept, and no averages are used to replace a single year's count.