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Life Tables

Canada, Provinces and Territories

1995-1997

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Canada

Statistics Canada
Health Statistics Division

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SYMBOLS

The following standard symbols are used in Statistics Canada publications:

.. figures not available.

... figures not appropriate or not applicable.

- nil or zero.

— amount too small to be expressed.

p preliminary figures.

r revised figures.

x confidential to meet secrecy requirements of the Statistics Act.

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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 1995-1997 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.

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 1995-1997 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 1995 and 1996.
- The number of births by month in 1994 and in 1997.
- The number of infant deaths observed during the 1995-1997 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 1995-1997 period, by single year of age, year of birth and year of death.
- January 1 population counts, by sex, for the years 1995 to 1998, 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 1995-1997 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 1995-1997 period (see the Coale and Kisker model, section 2.1.6).
- July 1, 1996 population counts, by five-year age groups, for ages 0-4 to 100-104 years, and a final age group consisting of persons aged 105 and older.

Input data for the abridged life tables:
- The total number of births recorded during the 1994-1997 period.
- The total number of deaths observed during the 1995-1997 period for the following age groups: infants under 1 year (age 0), ages 1-4 years combined, five-year age groups for ages 5-9 to 95-99 years, and a final group of deaths of persons aged 100 and older.
- July 1, 1996 population counts for the following age groups: under 1 year (age 0), ages 1-4 years combined, five-year age groups for ages 5-9 to 95-99 years, and a final age group consisting of persons aged 100 years and older.
- Separation factors at ages 0 and 1-4 years combined.

Input data for the separation factors:
- The number of deaths observed in the 1995-1997 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, 1996 population, based on the 1996 Canadian Census of Population. These counts include non-permanent residents, and are adjusted for net census under-coverage.[1]

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.[2]

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 99 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 95-99 years, with a final group for ages 100 years and older.

2. METHODOLOGY

The methodology followed in constructing the 1995-1997 life tables is the same as that employed previously in producing the set of life tables for the years 1990-1992,[3] but with two major changes. These changes in methodology apply to the production of estimates for the extreme ends of the age range in the complete life tables: (1) a model was used to estimate mortality rates for the very advanced ages (88 years and older), and (2) January 1 population counts of children aged 0 to 4 years were used instead of birth counts of the previous year to calculate mortality rates for the very young (ages 0 through 4 years). Variance estimation for q_x has been included, in order to produce coefficients of variation of life expectancies, e_x.

Other changes of a lesser nature in methodology have been made. 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 1990-1992 life tables.

All calculations were carried out using the Statistical Analysis System (SAS)[4] software. Full decimal precision was maintained until the Sirken rounding procedure,[3] used in the 1990-1992 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*.[5] The same methodology was used to produce the earlier sets of life tables for Canada beginning with the years 1970-1972.[3]

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,[6,7] 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 aged 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, 1995-1997, 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 1995-1997.

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 1995-1997, 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 1995-1997.

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:[8]

(7)

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

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 males in Nova Scotia, starting from a cohort of 100,000 live births.

Text table 1. Adjustment of mortality rates, ages 1-4 years, Nova Scotia males

Age x	Expected number of deaths using old q_x	Expected number of deaths using new q_x
0	497	497
1	53	40
2	11	29
3	19	23
4	27	18
Number of survivors at age 5 years	99,393	99,393

Text Table 1 shows the effect of the adjustment of probabilities of death among Nova Scotia males 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.

This new procedure requires that q_0 through q_4 form a monotonically decreasing sequence by sex at the national level, as did the procedure used in the 1990-1992 life tables publication. An adjustment had to be made, however, to the value of q_3 for females at the Canada level to achieve such a sequence; the observed q_3 was replaced by the average of the values of q_2 and q_4.

Formula (7) was applied to the data for males in all provinces except Ontario, where this adjustment was unnecessary. The same adjustment needed to be made to the data for females in all provinces except Nova Scotia. Furthermore, this procedure was extended for males up to age eight in Newfoundland in order to produce a monotonically decreasing sequence of mortality rates q_0 through q_8.

For females in Manitoba and Nova Scotia, as well as for males in New Brunswick and British Columbia, the observed sequence of mortality rates q_0 through q_4 decreased monotonically. This adjustment procedure produced a new sequence of mortality rates q_1 through q_4 that provided a smoother fit; the adjusted q_1 through q_4 were retained over the original values.

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 5-9 years, 10-14 years, 15-19 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 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:[3]

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

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

in which

D'_x is the sum of deaths observed in the period 1995-1997 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 102 years, a limit deemed to be acceptable according to research conducted by Bourbeau and Lebel.[9] Doing so avoided the problem encountered in the 1990-1992 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 1990-1992 publication.

Following the example of Chiang,[10] the variance of q_x was estimated as:

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

where

D^*_x is the average number of deaths at age x over the 3-year period 1995-1997,

$D^*_x = (1/3) [$ (# deaths at age x in 1995) + (# deaths at age x in 1996) + (# deaths at age x in 1997)].

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)".[11]

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

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.

Variance estimation follows the strategy of the previous section. For example, to obtain q_{106}, the pivotal age values q_{97}, q_{102}, q_{107} and q_{112} are required.

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.[11]

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.[12]

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, and since some adjustments are made to these estimates in order to ensure that the series q_0 through q_4 decreases monotonically, it was necessary to determine whether to use the unadjusted or the adjusted values of q_2 through q_4 in the above formulae. For males in British Columbia and New Brunswick, the values of q_5, q_6 and q_8 through q_{11} were recalculated based on the new adjusted values of q_1 through q_4. In the case of Newfoundland males, only the values of q_9 through q_{11} were recalculated because the procedure described in Section 2.1.1 had been extended to produce the values of q_1 through q_8. For all other province and sex combinations, the values of q_5, q_6 and q_8 through q_{11} were calculated based on the original unadjusted values of q_1 through q_4.

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[13] 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 1995-1997.

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 through 117 years, 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) $\leq x \leq$ (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 $Q_{CK}(x)$. 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.

Despite this strategy, there were still two province and sex combinations that required further manual adjustment in order to avoid “bumps” in the q_x-series. For males in New Brunswick and females in Newfoundland, the average of q_{87} and $Q_{CK}(89)$ was calculated to obtain a new q_{88}. For the variance estimation, note that:

$$q_{88,new} = (1/2) q_{87} + (1/2) Q_{CK}(89),$$

then, if there is no covariance between q_{87} and $Q_{CK}(89)$,

$$\text{var}(q_{88,new}) = (1/4) \text{var}(q_{87}) + (1/4) \text{var}(Q_{CK}(89)).$$

A more conservative strategy was chosen, however, that of using the larger of $\text{var}(q_{88,new})$ and the original $\text{var}(q_{88})$ estimate; this turned out to be the original $\text{var}(q_{88})$ estimate in each case.

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 1970-1972 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.[14] Whereas the life tables for the 1990-1992 publication followed this methodology closely, some enhancements have been made for this 1995-1997 publication.

The first step was to define 22 age groups: 0 years, 1-4 years, 5-9 years, 10-14 years, 15-19 years, 20-24 years, 25-29 years, 30-34 years, 35-39 years, 40-44 years, 45-49 years, 50-54 years, 55-59 years, 60-64 years, 65-69 years, 70-74 years, 75-79 years, 80-84 years, 85-89 years, 90-94 years, 95-99 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 1995-1997, and

P_x is the population count in the age group starting with age x on July 1, 1996, 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. Unlike the calculation of the separation factors for the complete life tables (shown in Table A1 in Appendix 1), data for PEI and the northern territories were included 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).

(25.1) $_1q_0 = D_0 / [B_{94-96} (1 - F_0) + B_{95-97} (F_0)]$,

where

D_0 is the number of deaths at age 0 years observed during the period 1995-1997,

B_{94-96} is the total number of births observed during the period 1994-1996,

B_{95-97} is the total number of births observed during the period 1995-1997.

Formula (25.1) for $_1q_0$ represents a better estimation of q_0 than that used in the 1990-1992 life tables, because it takes into account variations in the annual number of births during the period.

(25.2) $_4q_1 = m_1 / \beta_1$, known as Greville's method,[2]

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 - 5 years interval),

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

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

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

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) $\quad q_{100} = 1$

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) $\quad l_0 = 100{,}000$

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

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

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

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

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

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

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

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

(28.2.1) $\quad {}_4L_1 = {}_4d_1 / {}_4m_1 \quad$ 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[10] for the variance estimation of q_x was followed, using the formula:

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

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[3] 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 sixth 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 1990-1992 life tables, the method described in detail by Sirken[15] 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 1995 to 1997) and births (years 1994 to 1997) 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
1	≥ 0 and < 1 day
2	≥ 1 and < 2 days
3	≥ 2 and < 3 days
4	≥ 3 and < 4 days
5	≥ 4 and < 5 days
6	≥ 5 and < 6 days
7	≥ 6 and < 7 days
8	≥ 1 and < 2 weeks
9	≥ 2 and < 3 weeks
10	≥ 3 and < 4 weeks
11	≥ 4 weeks and < 2 months
12	≥ 2 and < 3 months
13	≥ 3 and < 4 months
14	≥ 4 and < 5 months
15	≥ 5 and < 6 months
16	≥ 6 and < 7 months
17	≥ 7 and < 8 months
18	≥ 8 and < 9 months
19	≥ 9 and < 10 months
20	≥ 10 and < 11 months
21	≥ 11 and < 12 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 11-12 months):

$$(32)\quad \beta_{21} = \left\{ \frac{B_{1994,1}}{2} + \sum_{m=2}^{12} B_{1994,m} \right\} + \left\{ \sum_{m=1}^{12} (B_{1995,m} + B_{1996,m}) \right\} + \left\{ \frac{B_{1997,1}}{2} \right\},$$

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

For subdivisions 20, 19,...,11:

$$(33)\quad \beta_{21-(i-1)} = \left\{ \frac{B_{1994,i}}{2} + \sum_{m=i+1}^{12} B_{1994,m} \right\} + \left\{ \sum_{m=1}^{12} (B_{1995,m} + B_{1996,m}) \right\} + \left\{ \left(\sum_{m=1}^{i-1} B_{1997,m} \right) + \frac{B_{1997,i}}{2} \right\},$$

for i = 2 to 11.

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

$$(34)\quad \beta_{21-(i-1)} = (f_i B_{1994,12}) + \left\{ \sum_{m=1}^{12} (B_{1995,m} + B_{1996,m}) \right\} + \left\{ \left(\sum_{m=1}^{11} B_{1997,m} \right) + (1 - f_i)\ B_{1997,12} \right\}$$

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, $f_{21}\ B_{1994,12} = (1/62)\ B_{1994,12}$ represents half of the births observed during the last day of 1994 (December 31, 1994): (0.5) (1/31)= 1/62. For i = 20, s = 2 and $f_{20}\ B_{1994,12} = (3/62)\ B_{1994,12}$ represents all births observed during the last day of 1994, plus half of the births observed on the day before (December 30, 1994): (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 1994 and 1997. 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. An alternative method was tested during the development of the SAS programs for the 1990-1992 tables. It consisted of using the exact number of births observed rather than using Sirken's fractions. Results did not differ significantly, so this alternative method was not used for the 1995-1997 publication.

Step 2: Calculate probabilities of death

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

(35) $q_1 = d_1/\beta_1$

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

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[10] was used again:

(37) $Var(q_s) = q_s^2\ (\ 1 - q_s\ )\ /\ d_s$

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 1995, 1996 and 1997, 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 0.11674 for males and 0.10590 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 “1-2 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 1-4); 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 1995-1997. 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.

${}_nd_x$ 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[2] 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:

$$\text{se}(q) = \sqrt{\text{var}(q)}\,.$$

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.

$$\text{cv}(q) = \text{se}(q) / q$$

The coefficients of variation in the life tables are expressed in percentages. For example, in Table 2a, q(7) for males at the Canada level has a value of 0.00012, with an accompanying cv(7) of 20.4%. This means that there is a 68% probability that the true q(7) value lies between [0.00012 - 0.204(0.00012)] and [0.00012 + 0.204(0.00012)], that is, between 0.00010 and 0.00014. In a similar fashion, this coefficient of variation also indicates that there is a 95% probability that the true q(7) value lies between [0.00012 – 2(0.204) (0.00012)] and [0.00012 + 2(0.204) (0.00012)], that is, between 0.00007 and 0.00017; and a 99% probability that q(7) is in the range of [0.00012 – 2.5(0.204) (0.00012)] to [0.00012 + 2.5(0.204) (0.00012)], or between 0.00006 and 0.00018.

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 1995-1997 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 recommenation in Chiang[10] to simplify the notation, the symbol e_x is used instead of $\mathring{e}_x$ to denote full life expectancy at age x.

For example, in the 1995-1997 complete life tables for Canada (Tables 2a and 2b), the average number of years of life remaining for 60-year-old Canadian males is 19.81 years, for an average age at death of 79.81 years. The estimate for 60-year-old Canadian females is 24.06 remaining years of life (on average), with death occurring at 84.06 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, 1995-1997: MALES

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0-1 day	100000	234	0.99766	0.00234	4.7	273	7541687	75.42	0.05
1-2 days	99766	32	0.99968	0.00032	12.7	273	7541414	75.59	0.05
2-3 days	99734	33	0.99967	0.00033	12.6	273	7541141	75.61	0.05
3-4 days	99701	19	0.99981	0.00019	16.7	273	7540868	75.63	0.05
4-5 days	99682	13	0.99987	0.00013	19.9	272	7540595	75.65	0.05
5-6 days	99669	13	0.99986	0.00014	19.7	273	7540323	75.65	0.04
6-7 days	99656	6	0.99994	0.00006	30.6	273	7540050	75.66	0.04
0-7 days	100000	350	0.99650	0.00350	3.8	1910	7541687	75.42	0.05
7-14 days	99650	39	0.99961	0.00039	11.7	1909	7539777	75.66	0.04
14-21 days	99611	21	0.99978	0.00022	15.7	1908	7537868	75.67	0.04
21-28 days	99590	12	0.99988	0.00012	20.7	1908	7535960	75.67	0.04
0-28 days	100000	422	0.99578	0.00422	3.5	7635	7541687	75.42	0.05
28 days-2 months	99578	48	0.99952	0.00048	10.6	8963	7534052	75.66	0.04
2-3 months	99530	36	0.99964	0.00036	12.3	8292	7525089	75.61	0.04
3-4 months	99494	27	0.99972	0.00028	13.9	8290	7516797	75.55	0.04
4-5 months	99467	20	0.99980	0.00020	16.3	8289	7508507	75.49	0.04
5-6 months	99447	16	0.99984	0.00016	18.4	8286	7500218	75.42	0.04
6-7 months	99431	14	0.99986	0.00014	19.4	8285	7491932	75.35	0.04
7-8 months	99417	10	0.99990	0.00010	23.1	8285	7483647	75.28	0.04
8-9 months	99407	6	0.99994	0.00006	30.6	8283	7475362	75.20	0.04
9-10 months	99401	8	0.99992	0.00008	26.4	8283	7467079	75.12	0.04
10-11 months	99393	6	0.99994	0.00006	30.1	8283	7458796	75.04	0.04
11-12 months	99387	5	0.99995	0.00005	32.7	8282	7450513	74.96	0.04

Table 1b. Life table for the first year of life, Canada, 1995-1997: FEMALES

Age x	l_x	d_x	p_x	q_x	cv(q_x)	L_x	T_x	e_x	cv(e_x)
0-1 day	100000	209	0.99791	0.00209	5.1	273	8115285	81.15	0.04
1-2 days	99791	25	0.99976	0.00024	15.1	273	8115012	81.32	0.04
2-3 days	99766	21	0.99979	0.00021	16.1	274	8114739	81.34	0.04
3-4 days	99745	13	0.99987	0.00013	20.7	273	8114465	81.35	0.04
4-5 days	99732	10	0.99989	0.00011	22.9	272	8114192	81.36	0.04
5-6 days	99722	8	0.99992	0.00008	25.8	273	8113920	81.37	0.04
6-7 days	99714	8	0.99993	0.00007	28.1	273	8113647	81.37	0.04
0-7 days	100000	294	0.99706	0.00294	4.3	1911	8115285	81.15	0.04
7-14 days	99706	33	0.99966	0.00034	12.9	1910	8113374	81.37	0.04
14-21 days	99673	18	0.99982	0.00018	17.9	1910	8111464	81.38	0.04
21-28 days	99655	13	0.99987	0.00013	20.6	1909	8109554	81.38	0.04
0-28 days	100000	358	0.99642	0.00358	3.9	7640	8115285	81.15	0.04
28 days-2 months	99642	37	0.99963	0.00037	12.3	8969	8107645	81.37	0.04
2-3 months	99605	24	0.99976	0.00024	15.2	8299	8098676	81.31	0.04
3-4 months	99581	23	0.99977	0.00023	15.8	8298	8090377	81.24	0.04
4-5 months	99558	15	0.99984	0.00016	18.9	8296	8082079	81.18	0.04
5-6 months	99543	13	0.99988	0.00012	21.5	8294	8073783	81.11	0.04
6-7 months	99530	8	0.99991	0.00009	25.3	8294	8065489	81.04	0.04
7-8 months	99522	10	0.99991	0.00009	24.7	8293	8057195	80.96	0.04
8-9 months	99512	6	0.99994	0.00006	29.7	8293	8048902	80.88	0.04
9-10 months	99506	6	0.99994	0.00006	30.1	8292	8040609	80.81	0.04
10-11 months	99500	7	0.99993	0.00007	28.9	8291	8032317	80.73	0.04
11-12 months	99493	5	0.99995	0.00005	35.4	8291	8024026	80.65	0.04

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution.

Table 2a. Complete life table, Canada, 1995-1997: 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	620	0.99380	0.00620	1.7	99455	7541686	75.42	0.04
1 year	99380	42	0.99957	0.00043	6.2	99356	7442231	74.89	0.04
2 years	99338	32	0.99968	0.00032	7.1	99319	7342875	73.92	0.04
3 years	99306	26	0.99974	0.00026	7.9	99292	7243556	72.94	0.04
4 years	99280	21	0.99979	0.00021	8.7	99268	7144264	71.96	0.05
5 years	99259	17	0.99983	0.00017	13.5	99251	7044996	70.98	0.05
6 years	99242	14	0.99986	0.00014	19.1	99235	6945745	69.99	0.05
7 years	99228	11	0.99988	0.00012	20.4	99222	6846510	69.00	0.05
8 years	99217	11	0.99990	0.00010	21.1	99212	6747288	68.01	0.05
9 years	99206	10	0.99990	0.00010	20.5	99201	6648076	67.01	0.05
10 years	99196	12	0.99988	0.00012	18.6	99190	6548875	66.02	0.05
11 years	99184	13	0.99987	0.00013	17.1	99177	6449685	65.03	0.05
12 years	99171	19	0.99980	0.00020	15.7	99162	6350508	64.04	0.05
13 years	99152	29	0.99971	0.00029	10.5	99137	6251346	63.05	0.05
14 years	99123	40	0.99959	0.00041	8.3	99103	6152209	62.07	0.05
15 years	99083	54	0.99946	0.00054	8.2	99056	6053106	61.09	0.05
16 years	99029	67	0.99933	0.00067	8.4	98996	5954050	60.12	0.05
17 years	98962	76	0.99923	0.00077	7.9	98924	5855054	59.16	0.05
18 years	98886	84	0.99915	0.00085	6.7	98844	5756130	58.21	0.05
19 years	98802	90	0.99909	0.00091	5.7	98757	5657286	57.26	0.06
20 years	98712	94	0.99904	0.00096	5.8	98665	5558529	56.31	0.06
21 years	98618	98	0.99901	0.00099	6.6	98569	5459864	55.36	0.06
22 years	98520	101	0.99898	0.00102	6.9	98469	5361295	54.42	0.06
23 years	98419	101	0.99897	0.00103	6.4	98369	5262826	53.47	0.06
24 years	98318	99	0.99898	0.00102	5.6	98269	5164457	52.53	0.06
25 years	98219	98	0.99900	0.00100	5.6	98169	5066188	51.58	0.06
26 years	98121	97	0.99901	0.00099	6.4	98073	4968019	50.63	0.06
27 years	98024	97	0.99901	0.00099	6.8	97975	4869946	49.68	0.06
28 years	97927	101	0.99898	0.00102	6.1	97876	4771971	48.73	0.06
29 years	97826	104	0.99893	0.00107	5.2	97774	4674095	47.78	0.06
30 years	97722	110	0.99888	0.00112	5.0	97667	4576321	46.83	0.06
31 years	97612	116	0.99882	0.00118	5.4	97554	4478654	45.88	0.07
32 years	97496	121	0.99876	0.00124	5.5	97436	4381100	44.94	0.07
33 years	97375	126	0.99870	0.00130	4.9	97312	4283664	43.99	0.07
34 years	97249	132	0.99865	0.00135	4.3	97183	4186352	43.05	0.07
35 years	97117	137	0.99859	0.00141	4.3	97049	4089169	42.11	0.07
36 years	96980	144	0.99852	0.00148	4.8	96908	3992120	41.16	0.07
37 years	96836	151	0.99844	0.00156	4.9	96761	3895212	40.22	0.07
38 years	96685	161	0.99834	0.00166	4.3	96604	3798451	39.29	0.08
39 years	96524	169	0.99824	0.00176	3.8	96440	3701847	38.35	0.08

Table 2a. Complete life table, Canada, 1995-1997: 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	96355	180	0.99813	0.00187	4.0	96264	3605407	37.42	0.08
41 years	96175	192	0.99801	0.00199	4.4	96079	3509143	36.49	0.08
42 years	95983	205	0.99787	0.00213	4.4	95881	3413064	35.56	0.08
43 years	95778	217	0.99773	0.00227	3.9	95670	3317183	34.63	0.08
44 years	95561	229	0.99760	0.00240	3.5	95446	3221513	33.71	0.09
45 years	95332	243	0.99745	0.00255	3.6	95211	3126067	32.79	0.09
46 years	95089	261	0.99726	0.00274	4.0	94959	3030856	31.87	0.09
47 years	94828	284	0.99700	0.00300	3.9	94686	2935897	30.96	0.09
48 years	94544	313	0.99669	0.00331	3.4	94387	2841211	30.05	0.09
49 years	94231	346	0.99633	0.00367	3.0	94058	2746824	29.15	0.10
50 years	93885	383	0.99592	0.00408	3.2	93693	2652766	28.26	0.10
51 years	93502	424	0.99547	0.00453	3.5	93290	2559073	27.37	0.10
52 years	93078	468	0.99497	0.00503	3.5	92844	2465783	26.49	0.11
53 years	92610	514	0.99445	0.00555	3.0	92353	2372939	25.62	0.11
54 years	92096	562	0.99390	0.00610	2.6	91815	2280586	24.76	0.11
55 years	91534	614	0.99330	0.00670	2.8	91227	2188771	23.91	0.12
56 years	90920	671	0.99261	0.00739	3.1	90585	2097544	23.07	0.12
57 years	90249	738	0.99182	0.00818	3.0	89879	2006959	22.24	0.12
58 years	89511	811	0.99094	0.00906	2.6	89106	1917080	21.42	0.12
59 years	88700	887	0.98999	0.01001	2.2	88257	1827974	20.61	0.13
60 years	87813	971	0.98895	0.01105	2.3	87327	1739717	19.81	0.13
61 years	86842	1063	0.98776	0.01224	2.5	86311	1652390	19.03	0.14
62 years	85779	1165	0.98641	0.01359	2.5	85196	1566079	18.26	0.14
63 years	84614	1276	0.98492	0.01508	2.1	83976	1480883	17.50	0.15
64 years	83338	1392	0.98329	0.01671	1.8	82642	1396907	16.76	0.15
65 years	81946	1515	0.98152	0.01848	1.9	81188	1314265	16.04	0.16
66 years	80431	1644	0.97956	0.02044	2.0	79609	1233077	15.33	0.16
67 years	78787	1780	0.97741	0.02259	2.0	77897	1153468	14.64	0.17
68 years	77007	1918	0.97510	0.02490	1.7	76049	1075571	13.97	0.17
69 years	75089	2053	0.97265	0.02735	1.5	74062	999522	13.31	0.18
70 years	73036	2192	0.97000	0.03000	1.6	71940	925460	12.67	0.19
71 years	70844	2334	0.96705	0.03295	1.8	69678	853520	12.05	0.20
72 years	68510	2484	0.96374	0.03626	1.7	67268	783842	11.44	0.21
73 years	66026	2631	0.96016	0.03984	1.5	64710	716574	10.85	0.22
74 years	63395	2767	0.95636	0.04364	1.4	62012	651864	10.28	0.23
75 years	60628	2898	0.95219	0.04781	1.5	59179	589852	9.73	0.25
76 years	57730	3030	0.94752	0.05248	1.7	56215	530673	9.19	0.26
77 years	54700	3161	0.94221	0.05779	1.7	53119	474458	8.67	0.28
78 years	51539	3283	0.93630	0.06370	1.4	49898	421339	8.18	0.29
79 years	48256	3383	0.92989	0.07011	1.4	46564	371441	7.70	0.31

Table 2a. Complete life table, Canada, 1995-1997: 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	44873	3460	0.92290	0.07710	1.5	43143	324877	7.24	0.34
81 years	41413	3510	0.91526	0.08474	1.7	39658	281734	6.80	0.37
82 years	37903	3530	0.90687	0.09313	1.7	36138	242076	6.39	0.39
83 years	34373	3514	0.89776	0.10224	1.5	32617	205938	5.99	0.42
84 years	30859	3457	0.88797	0.11203	1.5	29130	173321	5.62	0.47
85 years	27402	3357	0.87749	0.12251	1.7	25724	144191	5.26	0.53
86 years	24045	3215	0.86630	0.13370	1.9	22437	118467	4.93	0.59
87 years	20830	3033	0.85438	0.14562	1.9	19314	96030	4.61	0.64
88 years	17797	2817	0.84173	0.15827	1.8	16388	76716	4.31	0.71
89 years	14980	2571	0.82837	0.17163	2.0	13695	60328	4.03	0.83
90 years	12409	2305	0.81428	0.18572	2.5	11257	46633	3.76	0.96
91 years	10104	2026	0.79945	0.20055	2.8	9091	35376	3.50	1.08
92 years	8078	1746	0.78384	0.21616	2.7	7205	26285	3.25	1.20
93 years	6332	1527	0.75891	0.24109	2.9	5569	19080	3.01	1.41
94 years	4805	1249	0.74006	0.25994	3.3	4180	13511	2.81	1.66
95 years	3556	995	0.72027	0.27973	3.7	3059	9331	2.62	1.98
96 years	2561	769	0.69956	0.30045	4.2	2177	6272	2.45	2.39
97 years	1792	577	0.67793	0.32207	4.9	1503	4095	2.29	2.92
98 years	1215	419	0.65541	0.34459	5.8	1006	2592	2.13	3.61
99 years	796	293	0.63204	0.36796	7.0	649	1586	1.99	4.50
100 years	503	197	0.60785	0.39215	8.6	405	937	1.86	5.63
101 years	306	128	0.58288	0.41712	9.7	242	532	1.74	6.90
102 years	178	79	0.55719	0.44281	11.8	139	290	1.63	8.85
103 years	99	46	0.53084	0.46916	14.9	76	151	1.52	11.58
104 years	53	26	0.50388	0.49612	19.0	40	75	1.42	15.09
105 years	27	14	0.47638	0.52362	22.2	19	35	1.33	19.05
106 years	13	7	0.44841	0.55159	29.0	9	16	1.25	25.57
107 years	6	4	0.42004	0.57996	32.4	4	7	1.17	33.30
108 years	2	1	0.39135	0.60865	48.5	2	3	1.10	53.91
109 years	1	1	0.36243	0.63757	..	1	1	1.03	95.05

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution; ".." indicates a cv of at least 100.0%.

Table 2b. Complete life table, Canada, 1995-1997: 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	512	0.99488	0.00512	1.9	99548	8115283	81.15	0.04
1 year	99488	40	0.99960	0.00040	6.7	99467	8015735	80.57	0.04
2 years	99448	24	0.99976	0.00024	8.4	99435	7916268	79.60	0.04
3 years	99424	23	0.99977	0.00023	7.9	99412	7816833	78.62	0.04
4 years	99401	20	0.99979	0.00021	8.9	99391	7717421	77.64	0.04
5 years	99381	19	0.99982	0.00018	12.4	99372	7618030	76.66	0.04
6 years	99362	13	0.99986	0.00014	18.4	99355	7518658	75.67	0.04
7 years	99349	10	0.99990	0.00010	22.5	99344	7419303	74.68	0.04
8 years	99339	10	0.99990	0.00010	21.0	99333	7319959	73.69	0.04
9 years	99329	10	0.99990	0.00010	19.3	99324	7220626	72.69	0.04
10 years	99319	12	0.99989	0.00011	18.2	99313	7121302	71.70	0.04
11 years	99307	11	0.99989	0.00011	17.7	99302	7021989	70.71	0.04
12 years	99296	15	0.99985	0.00015	18.2	99288	6922687	69.72	0.05
13 years	99281	19	0.99981	0.00019	14.3	99272	6823399	68.73	0.05
14 years	99262	22	0.99977	0.00023	11.6	99251	6724127	67.74	0.05
15 years	99240	28	0.99973	0.00027	11.5	99226	6624876	66.76	0.05
16 years	99212	31	0.99969	0.00031	12.3	99196	6525650	65.77	0.05
17 years	99181	33	0.99966	0.00034	12.3	99165	6426454	64.79	0.05
18 years	99148	34	0.99965	0.00035	11.1	99131	6327289	63.82	0.05
19 years	99114	34	0.99966	0.00034	9.9	99096	6228158	62.84	0.05
20 years	99080	33	0.99967	0.00033	10.1	99064	6129062	61.86	0.05
21 years	99047	32	0.99968	0.00032	11.7	99030	6029998	60.88	0.05
22 years	99015	32	0.99968	0.00032	12.6	99000	5930968	59.90	0.05
23 years	98983	32	0.99967	0.00033	11.5	98967	5831968	58.92	0.05
24 years	98951	33	0.99966	0.00034	10.0	98934	5733001	57.94	0.05
25 years	98918	35	0.99965	0.00035	9.8	98901	5634067	56.96	0.05
26 years	98883	35	0.99964	0.00036	10.8	98865	5535166	55.98	0.05
27 years	98848	38	0.99962	0.00038	11.1	98829	5436301	55.00	0.06
28 years	98810	39	0.99960	0.00040	9.9	98790	5337472	54.02	0.06
29 years	98771	42	0.99958	0.00042	8.4	98750	5238682	53.04	0.06
30 years	98729	43	0.99956	0.00044	8.1	98708	5139932	52.06	0.06
31 years	98686	47	0.99953	0.00047	8.7	98662	5041224	51.08	0.06
32 years	98639	50	0.99949	0.00051	8.8	98614	4942562	50.11	0.06
33 years	98589	53	0.99946	0.00054	7.7	98563	4843948	49.13	0.06
34 years	98536	58	0.99942	0.00058	6.6	98507	4745385	48.16	0.06
35 years	98478	62	0.99937	0.00063	6.7	98447	4646878	47.19	0.06
36 years	98416	67	0.99932	0.00068	7.2	98383	4548431	46.22	0.07
37 years	98349	73	0.99925	0.00075	7.1	98312	4450048	45.25	0.07
38 years	98276	81	0.99918	0.00082	6.1	98235	4351736	44.28	0.07
39 years	98195	90	0.99909	0.00091	5.3	98150	4253501	43.32	0.07

Table 2b. Complete life table, Canada, 1995-1997: 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	98105	98	0.99900	0.00100	5.5	98057	4155351	42.36	0.07
41 years	98007	108	0.99890	0.00110	6.0	97953	4057294	41.40	0.07
42 years	97899	119	0.99878	0.00122	5.9	97839	3959341	40.44	0.07
43 years	97780	130	0.99867	0.00133	5.0	97715	3861502	39.49	0.07
44 years	97650	142	0.99855	0.00145	4.4	97578	3763787	38.54	0.08
45 years	97508	154	0.99842	0.00158	4.6	97431	3666209	37.60	0.08
46 years	97354	169	0.99827	0.00173	5.0	97269	3568778	36.66	0.08
47 years	97185	184	0.99810	0.00190	5.0	97093	3471509	35.72	0.08
48 years	97001	202	0.99792	0.00208	4.3	96900	3374416	34.79	0.08
49 years	96799	221	0.99772	0.00228	3.8	96689	3277516	33.86	0.09
50 years	96578	241	0.99750	0.00250	4.1	96457	3180827	32.94	0.09
51 years	96337	264	0.99726	0.00274	4.5	96205	3084370	32.02	0.09
52 years	96073	291	0.99697	0.00303	4.5	95927	2988165	31.10	0.09
53 years	95782	322	0.99665	0.00335	3.8	95621	2892238	30.20	0.09
54 years	95460	354	0.99629	0.00371	3.4	95283	2796617	29.30	0.10
55 years	95106	391	0.99590	0.00410	3.6	94910	2701334	28.40	0.10
56 years	94715	428	0.99547	0.00453	3.9	94501	2606424	27.52	0.10
57 years	94287	469	0.99502	0.00498	3.9	94052	2511923	26.64	0.10
58 years	93818	510	0.99457	0.00543	3.3	93563	2417871	25.77	0.11
59 years	93308	551	0.99410	0.00590	2.9	93033	2324308	24.91	0.11
60 years	92757	594	0.99359	0.00641	3.0	92459	2231275	24.06	0.11
61 years	92163	644	0.99301	0.00699	3.3	91841	2138816	23.21	0.11
62 years	91519	702	0.99233	0.00767	3.2	91168	2046975	22.37	0.12
63 years	90817	766	0.99157	0.00843	2.8	90434	1955807	21.54	0.12
64 years	90051	834	0.99074	0.00926	2.4	89634	1865373	20.71	0.12
65 years	89217	908	0.98982	0.01018	2.4	88763	1775739	19.90	0.13
66 years	88309	990	0.98879	0.01121	2.6	87814	1686976	19.10	0.13
67 years	87319	1,079	0.98765	0.01235	2.6	86780	1599162	18.31	0.14
68 years	86240	1,169	0.98644	0.01356	2.2	85655	1512382	17.54	0.14
69 years	85071	1,262	0.98517	0.01483	1.9	84440	1426727	16.77	0.15
70 years	83809	1,360	0.98377	0.01623	2.0	83130	1342287	16.02	0.15
71 years	82449	1,472	0.98215	0.01785	2.2	81713	1259157	15.27	0.16
72 years	80977	1,602	0.98021	0.01979	2.1	80176	1177444	14.54	0.16
73 years	79375	1,743	0.97804	0.02196	1.8	78503	1097268	13.82	0.17
74 years	77632	1,886	0.97571	0.02429	1.6	76690	1018765	13.12	0.18
75 years	75746	2,039	0.97307	0.02693	1.8	74726	942075	12.44	0.19
76 years	73707	2,209	0.97003	0.02997	1.9	72602	867349	11.77	0.20
77 years	71498	2,399	0.96646	0.03354	1.9	70298	794747	11.12	0.21
78 years	69099	2,593	0.96246	0.03754	1.6	67803	724449	10.48	0.22
79 years	66506	2,786	0.95812	0.04188	1.4	65113	656646	9.87	0.23

Table 2b. Complete life table, Canada, 1995-1997: 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	63720	2,977	0.95328	0.04672	1.6	62232	591533	9.28	0.25
81 years	60743	3,173	0.94777	0.05223	1.7	59157	529301	8.71	0.26
82 years	57570	3,371	0.94143	0.05857	1.6	55884	470144	8.17	0.28
83 years	54199	3,556	0.93440	0.06560	1.4	52421	414260	7.64	0.30
84 years	50643	3,709	0.92676	0.07324	1.3	48789	361839	7.14	0.32
85 years	46934	3,832	0.91835	0.08165	1.5	45018	313050	6.67	0.35
86 years	43102	3,924	0.90898	0.09102	1.7	41140	268032	6.22	0.39
87 years	39178	3,977	0.89847	0.10153	1.6	37189	226892	5.79	0.42
88 years	35201	3,980	0.88694	0.11306	1.4	33211	189703	5.39	0.46
89 years	31221	3,918	0.87452	0.12548	1.6	29262	156492	5.01	0.51
90 years	27303	3,794	0.86102	0.13898	1.9	25406	127230	4.66	0.58
91 years	23509	3,614	0.84626	0.15374	2.0	21702	101824	4.33	0.64
92 years	19895	3,381	0.83007	0.16993	1.9	18204	80122	4.03	0.70
93 years	16514	3,057	0.81489	0.18511	2.0	14985	61918	3.75	0.79
94 years	13457	2,720	0.79786	0.20214	2.2	12097	46933	3.49	0.91
95 years	10737	2,364	0.77988	0.22012	2.3	9555	34836	3.24	1.05
96 years	8373	2,001	0.76096	0.23904	2.6	7373	25281	3.02	1.22
97 years	6372	1,650	0.74113	0.25887	2.9	5547	17908	2.81	1.44
98 years	4722	1,320	0.72043	0.27957	3.1	4062	12361	2.62	1.71
99 years	3402	1,024	0.69890	0.30110	3.7	2890	8299	2.44	2.07
100 years	2378	769	0.67661	0.32339	4.2	1993	5409	2.27	2.52
101 years	1609	557	0.65361	0.34639	5.0	1331	3416	2.12	3.14
102 years	1052	390	0.62998	0.37002	5.8	857	2085	1.98	3.91
103 years	662	261	0.60580	0.39420	7.4	531	1228	1.85	5.06
104 years	401	168	0.58115	0.41885	8.7	318	697	1.74	6.44
105 years	233	103	0.55612	0.44388	10.7	181	379	1.63	8.50
106 years	130	61	0.53080	0.46920	14.8	99	198	1.53	11.69
107 years	69	34	0.50529	0.49471	18.0	52	99	1.43	15.48
108 years	35	18	0.47968	0.52032	26.2	26	47	1.35	21.97
109 years	17	9	0.45408	0.54592	25.5	12	21	1.26	28.51

Table 3a. Complete life table, Newfoundland and Labrador, 1995-1997: 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	681	0.99319	0.00681	12.9	99400	7433027	74.33	0.31
1 year	99319	46	0.99954	0.00046	46.0	99290	7333627	73.84	0.30
2 years	99273	35	0.99964	0.00036	40.1	99257	7234337	72.87	0.31
3 years	99238	29	0.99971	0.00029	35.1	99228	7135080	71.90	0.31
4 years	99209	24	0.99976	0.00024	55.7	99193	7035852	70.92	0.32
5 years	99185	20	0.99980	0.00020	99.5	99176	6936659	69.94	0.32
6 years	99165	17	0.99983	0.00017	..	99156	6837483	68.95	0.32
7 years	99148	14	0.99985	0.00015	..	99141	6738327	67.96	0.33
8 years	99134	14	0.99987	0.00013	..	99128	6639186	66.97	0.33
9 years	99120	16	0.99983	0.00017	..	99112	6540058	65.98	0.34
10 years	99104	19	0.99981	0.00019	..	99094	6440946	64.99	0.34
11 years	99085	19	0.99981	0.00019	97.1	99075	6341852	64.00	0.35
12 years	99066	27	0.99973	0.00027	92.9	99053	6242777	63.02	0.35
13 years	99039	29	0.99971	0.00029	79.3	99024	6143724	62.03	0.35
14 years	99010	33	0.99967	0.00033	66.3	98994	6044700	61.05	0.36
15 years	98977	37	0.99962	0.00038	65.1	98958	5945706	60.07	0.37
16 years	98940	43	0.99957	0.00043	68.5	98919	5846748	59.09	0.37
17 years	98897	47	0.99952	0.00048	66.4	98873	5747829	58.12	0.38
18 years	98850	53	0.99947	0.00053	56.5	98824	5648956	57.15	0.38
19 years	98797	57	0.99942	0.00058	48.4	98768	5550132	56.18	0.39
20 years	98740	63	0.99937	0.00063	49.3	98709	5451364	55.21	0.39
21 years	98677	68	0.99931	0.00069	53.9	98643	5352655	54.24	0.40
22 years	98609	73	0.99926	0.00074	54.1	98573	5254012	53.28	0.40
23 years	98536	79	0.99920	0.00080	47.0	98497	5155439	52.32	0.41
24 years	98457	84	0.99914	0.00086	40.5	98415	5056942	51.36	0.42
25 years	98373	91	0.99908	0.00092	41.4	98327	4958527	50.41	0.42
26 years	98282	96	0.99903	0.00097	46.4	98234	4860200	49.45	0.43
27 years	98186	99	0.99899	0.00101	48.6	98136	4761966	48.50	0.44
28 years	98087	99	0.99899	0.00101	45.0	98038	4663830	47.55	0.44
29 years	97988	97	0.99901	0.00099	40.0	97940	4565792	46.60	0.45
30 years	97891	93	0.99904	0.00096	40.1	97844	4467852	45.64	0.46
31 years	97798	92	0.99906	0.00094	45.6	97752	4370008	44.68	0.47
32 years	97706	94	0.99904	0.00096	48.1	97659	4272256	43.73	0.48
33 years	97612	98	0.99899	0.00101	42.6	97563	4174597	42.77	0.48
34 years	97514	107	0.99891	0.00109	36.6	97460	4077034	41.81	0.49
35 years	97407	115	0.99882	0.00118	36.5	97350	3979574	40.85	0.50
36 years	97292	125	0.99871	0.00129	39.4	97230	3882224	39.90	0.52
37 years	97167	136	0.99860	0.00140	39.2	97098	3784994	38.95	0.53
38 years	97031	147	0.99849	0.00151	34.0	96957	3687896	38.01	0.54
39 years	96884	158	0.99837	0.00163	29.3	96805	3590939	37.06	0.55

Table 3a. Complete life table, Newfoundland and Labrador, 1995-1997: 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	96726	171	0.99824	0.00176	29.7	96641	3494134	36.12	0.56
41 years	96555	183	0.99810	0.00190	32.5	96463	3397493	35.19	0.58
42 years	96372	199	0.99794	0.00206	32.5	96273	3301030	34.25	0.59
43 years	96173	211	0.99780	0.00220	28.5	96067	3204757	33.32	0.60
44 years	95962	225	0.99766	0.00234	25.2	95850	3108690	32.40	0.62
45 years	95737	239	0.99750	0.00250	26.3	95618	3012840	31.47	0.64
46 years	95498	259	0.99729	0.00271	28.7	95369	2917222	30.55	0.65
47 years	95239	287	0.99699	0.00301	27.8	95095	2821853	29.63	0.67
48 years	94952	324	0.99658	0.00342	23.3	94790	2726758	28.72	0.69
49 years	94628	370	0.99610	0.00390	20.9	94444	2631968	27.81	0.71
50 years	94258	419	0.99555	0.00445	22.4	94048	2537524	26.92	0.73
51 years	93839	472	0.99497	0.00503	24.2	93604	2443476	26.04	0.75
52 years	93367	524	0.99438	0.00562	23.5	93105	2349872	25.17	0.77
53 years	92843	574	0.99382	0.00618	20.2	92556	2256767	24.31	0.79
54 years	92269	622	0.99326	0.00674	18.3	91958	2164211	23.46	0.81
55 years	91647	673	0.99266	0.00734	19.8	91310	2072253	22.61	0.84
56 years	90974	732	0.99195	0.00805	21.9	90608	1980943	21.77	0.87
57 years	90242	805	0.99108	0.00892	21.4	89840	1890335	20.95	0.89
58 years	89437	888	0.99007	0.00993	18.1	88994	1800495	20.13	0.91
59 years	88549	978	0.98895	0.01105	15.9	88060	1711501	19.33	0.94
60 years	87571	1077	0.98770	0.01230	16.6	87032	1623441	18.54	0.98
61 years	86494	1187	0.98628	0.01372	17.9	85900	1536409	17.76	1.01
62 years	85307	1311	0.98464	0.01536	17.3	84652	1450509	17.00	1.04
63 years	83996	1445	0.98279	0.01721	14.6	83273	1365857	16.26	1.07
64 years	82551	1590	0.98074	0.01926	12.8	81756	1282584	15.54	1.11
65 years	80961	1740	0.97851	0.02149	13.3	80091	1200828	14.83	1.15
66 years	79221	1892	0.97612	0.02388	14.5	78275	1120737	14.15	1.20
67 years	77329	2045	0.97356	0.02644	14.2	76307	1042462	13.48	1.24
68 years	75284	2188	0.97094	0.02906	12.1	74190	966155	12.83	1.27
69 years	73096	2320	0.96825	0.03175	10.8	71936	891965	12.20	1.32
70 years	70776	2453	0.96535	0.03465	11.4	69550	820029	11.59	1.39
71 years	68323	2590	0.96208	0.03792	12.5	67028	750479	10.98	1.46
72 years	65733	2743	0.95828	0.04172	12.3	64361	683451	10.40	1.52
73 years	62990	2890	0.95411	0.04589	10.6	61545	619090	9.83	1.58
74 years	60100	3026	0.94966	0.05034	9.6	58587	557545	9.28	1.67
75 years	57074	3154	0.94472	0.05528	10.4	55497	498958	8.74	1.79
76 years	53920	3286	0.93906	0.06094	11.4	52277	443461	8.22	1.90
77 years	50634	3420	0.93246	0.06754	11.1	48923	391184	7.73	2.01
78 years	47214	3559	0.92463	0.07537	9.5	45435	342261	7.25	2.13
79 years	43655	3679	0.91573	0.08427	8.9	41816	296826	6.80	2.31

Table 3a. Complete life table, Newfoundland and Labrador, 1995-1997: 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	39976	3751	0.90617	0.09383	10.0	38101	255010	6.38	2.54
81 years	36225	3753	0.89638	0.10362	11.1	34349	216909	5.99	2.77
82 years	32472	3677	0.88677	0.11323	11.0	30633	182560	5.62	2.98
83 years	28795	3540	0.87706	0.12294	9.8	27025	151927	5.28	3.23
84 years	25255	3359	0.86699	0.13301	10.5	23575	124902	4.95	3.63
85 years	21896	3132	0.85695	0.14305	12.8	20330	101327	4.63	4.10
86 years	18764	2864	0.84738	0.15262	14.2	17332	80997	4.32	4.54
87 years	15900	2565	0.83869	0.16131	13.7	14617	63665	4.00	5.01
88 years	13335	2555	0.80840	0.19160	14.2	12058	49048	3.68	5.78
89 years	10780	2244	0.79182	0.20818	15.8	9658	36990	3.43	6.62
90 years	8536	1926	0.77440	0.22560	17.6	7573	27332	3.20	7.56
91 years	6610	1612	0.75617	0.24383	17.1	5804	19759	2.99	8.57
92 years	4998	1313	0.73714	0.26286	21.2	4342	13955	2.79	10.26
93 years	3685	1042	0.71738	0.28262	24.1	3164	9613	2.61	11.85
94 years	2643	801	0.69692	0.30308	24.4	2243	6449	2.44	13.46
95 years	1842	597	0.67582	0.32418	26.4	1543	4206	2.28	16.06
96 years	1245	431	0.65414	0.34586	36.2	1030	2663	2.14	19.97
97 years	814	299	0.63195	0.36805	38.2	664	1633	2.01	22.13
98 years	515	201	0.60932	0.39068	37.5	414	969	1.88	24.48
99 years	314	130	0.58633	0.41367	50.1	249	555	1.77	29.62

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution; ".." indicates a cv of at least 100.0%.

Table 3b. Complete life table, Newfoundland and Labrador, 1995-1997: 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	616	0.99384	0.00616	13.8	99459	8038335	80.38	0.32
1 year	99384	42	0.99957	0.00043	46.6	99363	7938876	79.88	0.31
2 years	99342	28	0.99973	0.00027	71.5	99328	7839513	78.91	0.31
3 years	99314	25	0.99974	0.00026	58.9	99297	7740185	77.94	0.31
4 years	99289	24	0.99976	0.00024	72.3	99278	7640888	76.96	0.32
5 years	99265	22	0.99978	0.00022	97.0	99254	7541610	75.97	0.32
6 years	99243	20	0.99979	0.00021	..	99233	7442356	74.99	0.33
7 years	99223	19	0.99981	0.00019	..	99214	7343123	74.01	0.33
8 years	99204	16	0.99983	0.00017	..	99196	7243909	73.02	0.33
9 years	99188	15	0.99985	0.00015	..	99180	7144713	72.03	0.34
10 years	99173	14	0.99986	0.00014	..	99166	7045533	71.04	0.34
11 years	99159	12	0.99988	0.00012	..	99153	6946367	70.05	0.35
12 years	99147	12	0.99988	0.00012	..	99141	6847214	69.06	0.35
13 years	99135	13	0.99987	0.00013	..	99129	6748073	68.07	0.36
14 years	99122	16	0.99984	0.00016	96.7	99114	6648944	67.08	0.36
15 years	99106	18	0.99981	0.00019	92.2	99097	6549830	66.09	0.37
16 years	99088	21	0.99979	0.00021	97.1	99077	6450733	65.10	0.37
17 years	99067	23	0.99977	0.00023	98.6	99055	6351656	64.12	0.38
18 years	99044	22	0.99978	0.00022	92.3	99033	6252601	63.13	0.38
19 years	99022	21	0.99979	0.00021	84.8	99011	6153568	62.14	0.39
20 years	99001	19	0.99981	0.00019	88.7	98991	6054557	61.16	0.39
21 years	98982	18	0.99982	0.00018	..	98973	5955566	60.17	0.40
22 years	98964	18	0.99982	0.00018	..	98955	5856593	59.18	0.40
23 years	98946	19	0.99981	0.00019	..	98936	5757638	58.19	0.41
24 years	98927	21	0.99979	0.00021	87.3	98916	5658702	57.20	0.42
25 years	98906	23	0.99977	0.00023	87.9	98894	5559786	56.21	0.43
26 years	98883	26	0.99974	0.00026	93.3	98870	5460892	55.23	0.43
27 years	98857	29	0.99970	0.00030	89.8	98842	5362022	54.24	0.44
28 years	98828	34	0.99966	0.00034	74.2	98811	5263180	53.26	0.45
29 years	98794	38	0.99962	0.00038	60.9	98776	5164369	52.27	0.45
30 years	98756	42	0.99957	0.00043	59.6	98735	5065593	51.29	0.46
31 years	98714	48	0.99952	0.00048	64.0	98690	4966858	50.32	0.47
32 years	98666	51	0.99948	0.00052	64.2	98640	4868168	49.34	0.48
33 years	98615	53	0.99946	0.00054	57.6	98589	4769528	48.37	0.49
34 years	98562	54	0.99946	0.00054	51.0	98535	4670939	47.39	0.50
35 years	98508	54	0.99945	0.00055	52.3	98481	4572404	46.42	0.51
36 years	98454	55	0.99944	0.00056	58.5	98426	4473923	45.44	0.52
37 years	98399	60	0.99940	0.00060	58.9	98370	4375497	44.47	0.53
38 years	98339	65	0.99934	0.00066	50.5	98307	4277127	43.49	0.54
39 years	98274	72	0.99927	0.00073	43.8	98238	4178820	42.52	0.55

Table 3b. Complete life table, Newfoundland and Labrador, 1995-1997: 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	98202	80	0.99918	0.00082	44.7	98162	4080582	41.55	0.56
41 years	98122	92	0.99907	0.00093	47.4	98076	3982420	40.59	0.58
42 years	98030	103	0.99895	0.00105	45.2	97979	3884344	39.62	0.59
43 years	97927	117	0.99880	0.00120	37.5	97868	3786365	38.67	0.60
44 years	97810	133	0.99864	0.00136	32.5	97744	3688497	37.71	0.62
45 years	97677	151	0.99846	0.00154	33.7	97601	3590753	36.76	0.63
46 years	97526	170	0.99826	0.00174	36.2	97441	3493152	35.82	0.65
47 years	97356	190	0.99805	0.00195	34.9	97261	3395711	34.88	0.66
48 years	97166	211	0.99783	0.00217	29.7	97060	3298450	33.95	0.68
49 years	96955	233	0.99760	0.00240	26.8	96838	3201390	33.02	0.70
50 years	96722	256	0.99735	0.00265	28.9	96594	3104552	32.10	0.72
51 years	96466	282	0.99708	0.00292	31.8	96325	3007958	31.18	0.74
52 years	96184	309	0.99678	0.00322	31.2	96029	2911633	30.27	0.75
53 years	95875	338	0.99648	0.00352	27.0	95706	2815604	29.37	0.77
54 years	95537	367	0.99616	0.00384	24.6	95353	2719898	28.47	0.79
55 years	95170	398	0.99582	0.00418	26.7	94971	2624545	27.58	0.82
56 years	94772	435	0.99541	0.00459	29.5	94554	2529574	26.69	0.84
57 years	94337	481	0.99490	0.00510	28.8	94097	2435020	25.81	0.86
58 years	93856	535	0.99430	0.00570	24.3	93588	2340923	24.94	0.88
59 years	93321	594	0.99363	0.00637	21.2	93024	2247335	24.08	0.91
60 years	92727	660	0.99288	0.00712	22.0	92397	2154311	23.23	0.94
61 years	92067	731	0.99206	0.00794	23.8	91701	2061914	22.40	0.97
62 years	91336	807	0.99117	0.00883	23.2	90933	1970213	21.57	0.99
63 years	90529	885	0.99022	0.00978	19.7	90087	1879280	20.76	1.02
64 years	89644	966	0.98922	0.01078	17.1	89161	1789193	19.96	1.05
65 years	88678	1052	0.98814	0.01186	17.7	88152	1700032	19.17	1.09
66 years	87626	1145	0.98693	0.01307	19.2	87054	1611880	18.39	1.13
67 years	86481	1248	0.98557	0.01443	18.8	85857	1524826	17.63	1.16
68 years	85233	1353	0.98413	0.01587	16.1	84556	1438969	16.88	1.20
69 years	83880	1457	0.98263	0.01737	14.2	83152	1354413	16.15	1.25
70 years	82423	1570	0.98096	0.01904	14.8	81638	1271261	15.42	1.30
71 years	80853	1697	0.97900	0.02100	16.1	80005	1189623	14.71	1.36
72 years	79156	1848	0.97665	0.02335	15.7	78231	1109618	14.02	1.41
73 years	77308	2011	0.97399	0.02601	13.3	76302	1031387	13.34	1.47
74 years	75297	2177	0.97109	0.02891	11.8	74208	955085	12.68	1.54
75 years	73120	2353	0.96782	0.03218	12.4	71944	880877	12.05	1.63
76 years	70767	2543	0.96407	0.03593	13.4	69495	808933	11.43	1.73
77 years	68224	2749	0.95970	0.04030	12.9	66850	739438	10.84	1.82
78 years	65475	2975	0.95456	0.04544	10.9	63987	672588	10.27	1.91
79 years	62500	3204	0.94875	0.05125	9.8	60898	608601	9.74	2.04

Table 3b. Complete life table, Newfoundland and Labrador, 1995-1997: 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	59296	3411	0.94247	0.05753	10.6	57590	547703	9.24	2.20
81 years	55885	3579	0.93596	0.06404	11.7	54095	490113	8.77	2.36
82 years	52306	3692	0.92942	0.07058	11.5	50460	436018	8.34	2.52
83 years	48614	3757	0.92272	0.07728	10.1	46736	385558	7.93	2.69
84 years	44857	3782	0.91570	0.08430	10.5	42966	338822	7.55	2.93
85 years	41075	3754	0.90859	0.09141	12.6	39198	295856	7.20	3.19
86 years	37321	3673	0.90160	0.09840	13.7	35484	256658	6.88	3.42
87 years	33648	3534	0.89497	0.10504	13.0	31882	221174	6.57	3.63
88 years	30114	3244	0.89227	0.10774	13.8	28492	189292	6.29	3.90
89 years	26870	2967	0.88957	0.11043	14.0	25386	160800	5.98	4.25
90 years	23903	2808	0.88254	0.11746	14.9	22499	135414	5.67	4.69
91 years	21095	2641	0.87478	0.12522	16.4	19774	112915	5.35	5.18
92 years	18454	2469	0.86622	0.13378	17.3	17220	93141	5.05	5.73
93 years	15985	2289	0.85678	0.14323	17.2	14840	75921	4.75	6.39
94 years	13696	2105	0.84635	0.15366	19.3	12643	61081	4.46	7.27
95 years	11591	1914	0.83483	0.16517	20.3	10634	48438	4.18	8.28
96 years	9677	1722	0.82211	0.17789	22.9	8816	37804	3.91	9.60
97 years	7955	1527	0.80806	0.19194	26.3	7192	28988	3.64	11.17
98 years	6428	1333	0.79254	0.20746	25.3	5761	21796	3.39	13.02
99 years	5095	1145	0.77540	0.22460	29.3	4523	16035	3.15	15.94
100 years	3950	962	0.75648	0.24352	32.9	3469	11512	2.91	19.84
101 years	2988	790	0.73560	0.26440	49.5	2593	8043	2.69	25.47
102 years	2198	632	0.71259	0.28741	59.7	1883	5450	2.48	30.92
103 years	1566	489	0.68724	0.31276	82.9	1321	3567	2.28	37.01
104 years	1077	367	0.65936	0.34064	70.3	893	2246	2.09	35.63
105 years	710	264	0.62876	0.37124	68.7	578	1353	1.91	37.36

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution; ".." indicates a cv of at least 100.0%.

Table 4a. Complete life table, Nova Scotia, 1995-1997: 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	497	0.99503	0.00497	11.1	99562	7485503	74.86	0.24
1 year	99503	39	0.99960	0.00040	44.2	99478	7385941	74.23	0.24
2 years	99464	29	0.99971	0.00029	27.4	99450	7286463	73.26	0.24
3 years	99435	23	0.99977	0.00023	31.5	99427	7187013	72.28	0.25
4 years	99412	18	0.99982	0.00018	66.6	99400	7087586	71.30	0.25
5 years	99394	17	0.99983	0.00018	87.7	99385	6988186	70.31	0.25
6 years	99377	19	0.99981	0.00019	..	99367	6888801	69.32	0.26
7 years	99358	20	0.99980	0.00020	88.7	99348	6789434	68.33	0.26
8 years	99338	18	0.99982	0.00018	88.7	99329	6690086	67.35	0.26
9 years	99320	16	0.99984	0.00016	86.8	99312	6590757	66.36	0.27
10 years	99304	16	0.99984	0.00016	84.3	99296	6491445	65.37	0.27
11 years	99288	15	0.99985	0.00015	83.9	99281	6392149	64.38	0.27
12 years	99273	19	0.99981	0.00019	90.9	99263	6292868	63.39	0.28
13 years	99254	25	0.99974	0.00026	64.3	99242	6193605	62.40	0.28
14 years	99229	36	0.99964	0.00036	50.8	99210	6094363	61.42	0.29
15 years	99193	47	0.99953	0.00047	50.0	99170	5995153	60.44	0.29
16 years	99146	58	0.99942	0.00058	50.7	99117	5895983	59.47	0.29
17 years	99088	66	0.99933	0.00067	48.0	99055	5796866	58.50	0.30
18 years	99022	73	0.99927	0.00073	41.1	98985	5697811	57.54	0.30
19 years	98949	77	0.99922	0.00078	35.1	98911	5598826	56.58	0.30
20 years	98872	80	0.99919	0.00081	35.6	98833	5499915	55.63	0.31
21 years	98792	84	0.99916	0.00085	40.0	98750	5401082	54.67	0.31
22 years	98708	86	0.99913	0.00087	41.9	98665	5302332	53.72	0.32
23 years	98622	87	0.99911	0.00089	38.1	98579	5203667	52.76	0.32
24 years	98535	89	0.99910	0.00090	33.6	98490	5105088	51.81	0.33
25 years	98446	89	0.99910	0.00090	34.0	98401	5006598	50.86	0.33
26 years	98357	90	0.99909	0.00091	38.5	98312	4908197	49.90	0.34
27 years	98267	92	0.99906	0.00094	40.5	98222	4809885	48.95	0.34
28 years	98175	95	0.99903	0.00097	36.2	98127	4711663	47.99	0.35
29 years	98080	100	0.99898	0.00102	30.6	98030	4613536	47.04	0.35
30 years	97980	105	0.99893	0.00107	29.4	97928	4515506	46.09	0.36
31 years	97875	110	0.99888	0.00112	31.8	97820	4417578	45.13	0.36
32 years	97765	115	0.99882	0.00118	32.7	97708	4319758	44.18	0.37
33 years	97650	120	0.99877	0.00123	29.2	97590	4222050	43.24	0.38
34 years	97530	124	0.99872	0.00128	25.5	97468	4124460	42.29	0.38
35 years	97406	130	0.99867	0.00133	25.8	97341	4026992	41.34	0.39
36 years	97276	135	0.99861	0.00139	28.6	97208	3929651	40.40	0.40
37 years	97141	143	0.99853	0.00147	29.2	97070	3832443	39.45	0.41
38 years	96998	151	0.99844	0.00156	25.8	96922	3735373	38.51	0.42
39 years	96847	161	0.99834	0.00166	22.7	96766	3638451	37.57	0.43

Table 4a. Complete life table, Nova Scotia, 1995-1997: 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	96686	171	0.99823	0.00177	23.4	96601	3541685	36.63	0.44
41 years	96515	182	0.99811	0.00189	25.9	96424	3445084	35.69	0.45
42 years	96333	196	0.99797	0.00203	26.1	96234	3348660	34.76	0.46
43 years	96137	208	0.99784	0.00216	23.0	96033	3252426	33.83	0.47
44 years	95929	218	0.99773	0.00227	20.5	95820	3156393	32.90	0.48
45 years	95711	231	0.99759	0.00241	21.3	95596	3060573	31.98	0.49
46 years	95480	251	0.99737	0.00263	23.1	95355	2964977	31.05	0.50
47 years	95229	282	0.99703	0.00297	22.1	95088	2869622	30.13	0.52
48 years	94947	330	0.99652	0.00348	18.0	94781	2774534	29.22	0.53
49 years	94617	391	0.99587	0.00413	15.7	94422	2679753	28.32	0.55
50 years	94226	456	0.99516	0.00484	16.6	93998	2585331	27.44	0.56
51 years	93770	520	0.99445	0.00555	17.9	93510	2491333	26.57	0.58
52 years	93250	574	0.99385	0.00615	17.5	92963	2397823	25.71	0.59
53 years	92676	609	0.99343	0.00657	15.4	92371	2304860	24.87	0.61
54 years	92067	630	0.99315	0.00685	14.0	91752	2212489	24.03	0.62
55 years	91437	653	0.99287	0.00713	15.2	91111	2120737	23.19	0.64
56 years	90784	686	0.99243	0.00757	17.1	90441	2029626	22.36	0.66
57 years	90098	747	0.99171	0.00829	16.8	89724	1939185	21.52	0.68
58 years	89351	833	0.99068	0.00932	14.1	88935	1849461	20.70	0.70
59 years	88518	937	0.98941	0.01059	12.2	88049	1760526	19.89	0.72
60 years	87581	1054	0.98797	0.01203	12.6	87054	1672477	19.10	0.75
61 years	86527	1176	0.98640	0.01360	13.5	85939	1585423	18.32	0.77
62 years	85351	1303	0.98474	0.01526	13.0	84700	1499484	17.57	0.79
63 years	84048	1426	0.98303	0.01697	11.0	83335	1414784	16.83	0.81
64 years	82622	1550	0.98124	0.01876	9.7	81847	1331449	16.11	0.84
65 years	81072	1677	0.97931	0.02069	10.2	80234	1249602	15.41	0.88
66 years	79395	1810	0.97720	0.02280	11.1	78489	1169368	14.73	0.91
67 years	77585	1953	0.97483	0.02517	10.9	76609	1090879	14.06	0.94
68 years	75632	2096	0.97228	0.02772	9.3	74584	1014270	13.41	0.96
69 years	73536	2238	0.96957	0.03043	8.2	72416	939686	12.78	1.00
70 years	71298	2379	0.96663	0.03337	8.6	70109	867270	12.16	1.05
71 years	68919	2525	0.96337	0.03663	9.4	67656	797161	11.57	1.10
72 years	66394	2676	0.95971	0.04029	9.3	65056	729505	10.99	1.14
73 years	63718	2822	0.95571	0.04429	8.0	62307	664449	10.43	1.19
74 years	60896	2958	0.95142	0.04858	7.1	59417	602142	9.89	1.25
75 years	57938	3084	0.94677	0.05323	7.6	56396	542725	9.37	1.34
76 years	54854	3201	0.94165	0.05835	8.4	53254	486329	8.87	1.42
77 years	51653	3307	0.93597	0.06403	8.3	49999	433075	8.38	1.49
78 years	48346	3392	0.92984	0.07016	7.2	46650	383076	7.92	1.58
79 years	44954	3447	0.92333	0.07667	6.7	43230	336426	7.48	1.70

Table 4a. Complete life table, Nova Scotia, 1995-1997: 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	41507	3475	0.91627	0.08373	7.5	39769	293196	7.06	1.86
81 years	38032	3480	0.90850	0.09150	8.4	36292	253427	6.66	2.02
82 years	34552	3459	0.89989	0.10011	8.3	32823	217135	6.28	2.17
83 years	31093	3404	0.89053	0.10947	7.4	29391	184312	5.93	2.36
84 years	27689	3308	0.88052	0.11948	7.9	26034	154921	5.60	2.62
85 years	24381	3177	0.86970	0.13030	9.5	22793	128887	5.29	2.93
86 years	21204	3012	0.85794	0.14206	10.3	19698	106094	5.00	3.19
87 years	18192	2819	0.84506	0.15494	9.6	16782	86396	4.75	3.44
88 years	15373	2418	0.84272	0.15728	9.8	14164	69614	4.53	3.79
89 years	12955	2169	0.83253	0.16747	11.1	11871	55450	4.28	4.29
90 years	10786	1925	0.82155	0.17845	12.3	9823	43579	4.04	4.84
91 years	8861	1686	0.80974	0.19026	13.1	8018	33756	3.81	5.47
92 years	7175	1456	0.79702	0.20298	13.5	6447	25738	3.59	6.25
93 years	5719	1239	0.78333	0.21667	16.2	5099	19291	3.37	7.35
94 years	4480	1037	0.76860	0.23140	18.6	3961	14192	3.17	8.54
95 years	3443	851	0.75276	0.24724	19.2	3017	10231	2.97	9.89
96 years	2592	685	0.73573	0.26427	23.8	2250	7214	2.78	11.89
97 years	1907	539	0.71745	0.28255	25.9	1637	4964	2.60	13.96
98 years	1368	413	0.69782	0.30218	26.0	1161	3327	2.43	16.79
99 years	955	309	0.67678	0.32322	34.6	801	2166	2.27	21.84
100 years	646	223	0.65425	0.34575	35.0	534	1365	2.11	28.00
101 years	423	157	0.63014	0.36986	56.1	345	831	1.97	39.72
102 years	266	105	0.60439	0.39561	67.3	213	486	1.83	53.33
103 years	161	68	0.57694	0.42306	..	127	273	1.69	76.10
104 years	93	42	0.54771	0.45229	90.6	72	146	1.57	63.98
105 years	51	25	0.51667	0.48333	..	39	74	1.45	76.31

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution; ".." indicates a cv of at least 100.0%.

Table 4b. Complete life table, Nova Scotia, 1995-1997: 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	477	0.99523	0.00477	11.6	99581	8045596	80.46	0.22
1 year	99523	36	0.99963	0.00037	40.8	99506	7946015	79.84	0.22
2 years	99487	24	0.99976	0.00024	50.0	99475	7846509	78.87	0.22
3 years	99463	23	0.99977	0.00023	50.0	99447	7747034	77.89	0.22
4 years	99440	22	0.99978	0.00022	50.0	99429	7647587	76.91	0.23
5 years	99418	18	0.99983	0.00017	73.9	99409	7548158	75.92	0.23
6 years	99400	11	0.99989	0.00011	..	99395	7448749	74.94	0.23
7 years	99389	6	0.99994	0.00006	..	99386	7349354	73.95	0.23
8 years	99383	5	0.99995	0.00005	..	99381	7249968	72.95	0.24
9 years	99378	6	0.99994	0.00006	..	99375	7150587	71.95	0.24
10 years	99372	6	0.99993	0.00007	..	99369	7051212	70.96	0.24
11 years	99366	8	0.99993	0.00007	..	99362	6951843	69.96	0.25
12 years	99358	11	0.99989	0.00011	..	99352	6852481	68.97	0.25
13 years	99347	15	0.99985	0.00015	84.7	99340	6753129	67.98	0.25
14 years	99332	21	0.99979	0.00021	66.0	99321	6653789	66.99	0.26
15 years	99311	27	0.99973	0.00027	65.2	99297	6554468	66.00	0.26
16 years	99284	33	0.99967	0.00033	67.6	99268	6455171	65.02	0.26
17 years	99251	36	0.99964	0.00036	66.5	99233	6355903	64.04	0.27
18 years	99215	37	0.99963	0.00037	60.1	99196	6256670	63.06	0.27
19 years	99178	36	0.99964	0.00036	53.6	99161	6157474	62.08	0.27
20 years	99142	34	0.99966	0.00034	54.7	99125	6058313	61.11	0.28
21 years	99108	32	0.99967	0.00033	63.9	99092	5959188	60.13	0.28
22 years	99076	33	0.99967	0.00033	69.0	99059	5860096	59.15	0.29
23 years	99043	34	0.99966	0.00034	61.5	99026	5761037	58.17	0.29
24 years	99009	36	0.99963	0.00037	52.3	98992	5662011	57.19	0.29
25 years	98973	40	0.99960	0.00040	51.5	98953	5563019	56.21	0.30
26 years	98933	42	0.99957	0.00043	56.5	98912	5464066	55.23	0.30
27 years	98891	43	0.99956	0.00044	58.9	98869	5365154	54.25	0.31
28 years	98848	44	0.99956	0.00044	55.2	98826	5266285	53.28	0.31
29 years	98804	41	0.99959	0.00041	49.7	98784	5167459	52.30	0.32
30 years	98763	38	0.99961	0.00039	49.4	98744	5068675	51.32	0.32
31 years	98725	38	0.99962	0.00038	55.1	98706	4969931	50.34	0.33
32 years	98687	40	0.99960	0.00040	55.8	98667	4871225	49.36	0.33
33 years	98647	46	0.99954	0.00046	46.1	98624	4772558	48.38	0.34
34 years	98601	54	0.99945	0.00055	38.2	98575	4673934	47.40	0.35
35 years	98547	64	0.99935	0.00065	37.8	98515	4575359	46.43	0.35
36 years	98483	75	0.99924	0.00076	39.5	98445	4476844	45.46	0.36
37 years	98408	83	0.99915	0.00085	38.0	98367	4378399	44.49	0.37
38 years	98325	92	0.99907	0.00093	32.7	98279	4280032	43.53	0.38
39 years	98233	97	0.99900	0.00100	28.7	98184	4181753	42.57	0.38

Table 4b. Complete life table, Nova Scotia, 1995-1997: 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	98136	105	0.99893	0.00107	29.9	98083	4083569	41.61	0.39
41 years	98031	112	0.99885	0.00115	33.1	97975	3985486	40.66	0.40
42 years	97919	122	0.99875	0.00125	32.9	97858	3887511	39.70	0.41
43 years	97797	134	0.99864	0.00136	28.3	97730	3789653	38.75	0.42
44 years	97663	145	0.99851	0.00149	24.7	97590	3691923	37.80	0.43
45 years	97518	159	0.99837	0.00163	25.6	97439	3594333	36.86	0.44
46 years	97359	175	0.99820	0.00180	27.7	97271	3496894	35.92	0.45
47 years	97184	194	0.99800	0.00200	26.9	97087	3399623	34.98	0.46
48 years	96990	216	0.99777	0.00223	22.9	96881	3302536	34.05	0.47
49 years	96774	240	0.99752	0.00248	20.6	96654	3205655	33.13	0.48
50 years	96534	267	0.99723	0.00277	22.1	96400	3109001	32.21	0.49
51 years	96267	298	0.99691	0.00309	24.1	96118	3012601	31.29	0.50
52 years	95969	330	0.99655	0.00345	23.4	95804	2916483	30.39	0.51
53 years	95639	368	0.99615	0.00385	19.8	95455	2820679	29.49	0.52
54 years	95271	410	0.99570	0.00430	17.4	95066	2725224	28.61	0.54
55 years	94861	453	0.99522	0.00478	18.5	94634	2630158	27.73	0.55
56 years	94408	499	0.99472	0.00528	20.2	94159	2535524	26.86	0.56
57 years	93909	545	0.99419	0.00581	20.0	93636	2441365	26.00	0.57
58 years	93364	590	0.99368	0.00632	17.2	93069	2347729	25.15	0.58
59 years	92774	633	0.99318	0.00682	15.1	92457	2254660	24.30	0.60
60 years	92141	679	0.99264	0.00736	15.7	91801	2162203	23.47	0.62
61 years	91462	730	0.99201	0.00799	17.3	91097	2070402	22.64	0.63
62 years	90732	793	0.99127	0.00873	17.1	90335	1979305	21.81	0.64
63 years	89939	864	0.99039	0.00961	14.6	89508	1888970	21.00	0.66
64 years	89075	942	0.98942	0.01058	12.6	88604	1799462	20.20	0.67
65 years	88133	1026	0.98836	0.01164	12.8	87620	1710858	19.41	0.70
66 years	87107	1115	0.98721	0.01279	13.9	86550	1623238	18.64	0.72
67 years	85992	1205	0.98598	0.01402	13.8	85389	1536688	17.87	0.73
68 years	84787	1293	0.98475	0.01525	11.9	84141	1451299	17.12	0.75
69 years	83494	1377	0.98351	0.01649	10.3	82805	1367158	16.37	0.77
70 years	82117	1466	0.98215	0.01785	10.6	81384	1284353	15.64	0.80
71 years	80651	1567	0.98057	0.01943	11.6	79867	1202969	14.92	0.84
72 years	79084	1687	0.97867	0.02133	11.4	78241	1123102	14.20	0.86
73 years	77397	1815	0.97655	0.02345	9.8	76489	1044861	13.50	0.89
74 years	75582	1945	0.97427	0.02573	8.6	74609	968372	12.81	0.93
75 years	73637	2084	0.97170	0.02830	9.0	72596	893763	12.14	0.98
76 years	71553	2243	0.96866	0.03134	9.8	70432	821167	11.48	1.03
77 years	69310	2425	0.96500	0.03500	9.5	68097	750735	10.83	1.08
78 years	66885	2626	0.96074	0.03926	8.0	65572	682638	10.21	1.13
79 years	64259	2828	0.95600	0.04400	7.3	62845	617066	9.60	1.20

Table 4b. Complete life table, Nova Scotia, 1995-1997: 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	61431	3026	0.95073	0.04927	7.9	59918	554221	9.02	1.29
81 years	58405	3219	0.94490	0.05510	8.6	56796	494303	8.46	1.38
82 years	55186	3394	0.93849	0.06151	8.3	53489	437507	7.93	1.46
83 years	51792	3547	0.93151	0.06849	7.2	50018	384018	7.41	1.56
84 years	48245	3667	0.92399	0.07601	7.4	46411	334000	6.92	1.70
85 years	44578	3750	0.91589	0.08411	8.7	42703	287589	6.45	1.87
86 years	40828	3789	0.90719	0.09281	9.2	38933	244886	6.00	2.02
87 years	37039	3784	0.89784	0.10216	8.5	35147	205953	5.56	2.17
88 years	33255	4006	0.87953	0.12047	8.7	31252	170806	5.14	2.39
89 years	29249	3915	0.86615	0.13385	8.6	27291	139554	4.77	2.61
90 years	25334	3755	0.85179	0.14821	9.1	23457	112263	4.43	2.89
91 years	21579	3529	0.83644	0.16356	9.0	19814	88806	4.12	3.19
92 years	18050	3247	0.82011	0.17989	9.7	16426	68992	3.82	3.60
93 years	14803	2919	0.80283	0.19717	10.1	13343	52566	3.55	4.04
94 years	11884	2560	0.78461	0.21539	10.4	10605	39223	3.30	4.60
95 years	9324	2186	0.76551	0.23449	11.3	8231	28618	3.07	5.35
96 years	7138	1816	0.74557	0.25443	12.7	6229	20387	2.86	6.30
97 years	5322	1465	0.72486	0.27514	15.5	4590	14158	2.66	7.46
98 years	3857	1143	0.70346	0.29654	15.9	3285	9568	2.48	8.49
99 years	2714	865	0.68144	0.31856	18.0	2282	6283	2.32	10.03
100 years	1849	631	0.65891	0.34109	20.3	1534	4001	2.16	11.85
101 years	1218	443	0.63595	0.36405	21.1	996	2467	2.03	14.05
102 years	775	300	0.61269	0.38731	25.2	625	1471	1.90	17.99
103 years	475	195	0.58922	0.41078	35.5	377	846	1.78	23.73
104 years	280	122	0.56565	0.43435	33.6	219	469	1.68	28.29
105 years	158	72	0.54211	0.45789	57.0	122	250	1.58	40.76
106 years	86	42	0.51870	0.48130	62.4	65	128	1.49	47.02
107 years	44	22	0.49553	0.50447	70.4	34	63	1.41	55.23
108 years	22	12	0.47272	0.52728	84.2	16	29	1.33	64.56
109 years	10	5	0.45037	0.54963	82.2	7	13	1.26	60.44

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution; ".." indicates a cv of at least 100.0%.

Table 5a. Complete life table, New Brunswick, 1995-1997: 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	548	0.99452	0.00548	11.8	99517	7485794	74.86	0.28
1 year	99452	42	0.99957	0.00043	42.6	99425	7386277	74.27	0.28
2 years	99410	32	0.99968	0.00032	49.6	99396	7286852	73.30	0.28
3 years	99378	25	0.99974	0.00026	59.7	99369	7187456	72.32	0.28
4 years	99353	21	0.99979	0.00021	32.7	99339	7088087	71.34	0.29
5 years	99332	20	0.99980	0.00020	68.0	99322	6988748	70.36	0.29
6 years	99312	21	0.99979	0.00021	..	99302	6889426	69.37	0.30
7 years	99291	21	0.99979	0.00022	96.0	99280	6790124	68.39	0.30
8 years	99270	19	0.99981	0.00019	99.2	99260	6690844	67.40	0.30
9 years	99251	16	0.99983	0.00017	99.3	99243	6591584	66.41	0.31
10 years	99235	17	0.99983	0.00017	95.6	99226	6492341	65.42	0.31
11 years	99218	15	0.99985	0.00015	93.2	99211	6393115	64.43	0.32
12 years	99203	20	0.99980	0.00020	97.5	99193	6293904	63.44	0.32
13 years	99183	29	0.99970	0.00030	63.8	99168	6194711	62.46	0.33
14 years	99154	44	0.99956	0.00044	49.3	99132	6095543	61.48	0.33
15 years	99110	60	0.99939	0.00061	48.1	99079	5996411	60.50	0.33
16 years	99050	76	0.99924	0.00076	48.0	99012	5897332	59.54	0.34
17 years	98974	88	0.99911	0.00089	45.0	98930	5798320	58.58	0.34
18 years	98886	97	0.99902	0.00098	38.0	98838	5699390	57.64	0.35
19 years	98789	104	0.99895	0.00105	32.2	98737	5600552	56.69	0.35
20 years	98685	110	0.99889	0.00111	32.4	98631	5501815	55.75	0.36
21 years	98575	114	0.99884	0.00116	36.5	98518	5403184	54.81	0.36
22 years	98461	116	0.99882	0.00118	38.6	98403	5304666	53.88	0.36
23 years	98345	116	0.99882	0.00118	35.9	98287	5206263	52.94	0.37
24 years	98229	113	0.99885	0.00115	32.2	98173	5107976	52.00	0.37
25 years	98116	108	0.99890	0.00110	32.7	98062	5009803	51.06	0.38
26 years	98008	104	0.99893	0.00107	38.1	97956	4911741	50.12	0.38
27 years	97904	103	0.99895	0.00105	41.6	97853	4813785	49.17	0.39
28 years	97801	103	0.99895	0.00105	38.5	97749	4715932	48.22	0.40
29 years	97698	104	0.99894	0.00106	33.4	97646	4618183	47.27	0.40
30 years	97594	106	0.99891	0.00109	32.4	97542	4520537	46.32	0.41
31 years	97488	109	0.99888	0.00112	35.4	97434	4422995	45.37	0.42
32 years	97379	113	0.99884	0.00116	36.6	97323	4325561	44.42	0.42
33 years	97266	118	0.99879	0.00121	32.8	97207	4228238	43.47	0.43
34 years	97148	124	0.99872	0.00128	28.4	97086	4131031	42.52	0.44
35 years	97024	131	0.99865	0.00135	28.6	96959	4033945	41.58	0.45
36 years	96893	138	0.99857	0.00143	31.4	96824	3936986	40.63	0.46
37 years	96755	148	0.99848	0.00152	31.9	96681	3840162	39.69	0.47
38 years	96607	156	0.99838	0.00162	28.1	96530	3743481	38.75	0.48
39 years	96451	166	0.99828	0.00172	24.6	96368	3646951	37.81	0.49

Table 5a. Complete life table, New Brunswick, 1995-1997: 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	96285	176	0.99817	0.00183	25.3	96197	3550583	36.88	0.50
41 years	96109	188	0.99804	0.00196	27.9	96015	3454386	35.94	0.51
42 years	95921	203	0.99788	0.00212	27.9	95819	3358371	35.01	0.52
43 years	95718	220	0.99771	0.00229	24.2	95607	3262552	34.09	0.53
44 years	95498	238	0.99751	0.00249	21.1	95380	3166945	33.16	0.55
45 years	95260	257	0.99730	0.00270	21.7	95131	3071565	32.24	0.56
46 years	95003	281	0.99704	0.00296	23.6	94863	2976434	31.33	0.58
47 years	94722	308	0.99675	0.00325	23.2	94568	2881571	30.42	0.59
48 years	94414	338	0.99642	0.00358	20.0	94245	2787003	29.52	0.61
49 years	94076	369	0.99607	0.00393	18.1	93892	2692758	28.62	0.62
50 years	93707	405	0.99568	0.00432	19.6	93504	2598866	27.73	0.64
51 years	93302	445	0.99523	0.00477	21.5	93080	2505362	26.85	0.66
52 years	92857	493	0.99469	0.00531	21.0	92611	2412282	25.98	0.68
53 years	92364	545	0.99410	0.00590	17.8	92092	2319671	25.11	0.70
54 years	91819	602	0.99345	0.00655	15.9	91518	2227579	24.26	0.72
55 years	91217	663	0.99272	0.00728	17.0	90885	2136061	23.42	0.74
56 years	90554	734	0.99190	0.00810	18.6	90188	2045176	22.59	0.76
57 years	89820	811	0.99096	0.00904	18.0	89414	1954988	21.77	0.78
58 years	89009	898	0.98991	0.01009	15.2	88560	1865574	20.96	0.80
59 years	88111	990	0.98876	0.01124	13.3	87616	1777014	20.17	0.83
60 years	87121	1088	0.98751	0.01249	13.9	86578	1689398	19.39	0.85
61 years	86033	1193	0.98614	0.01386	15.1	85436	1602820	18.63	0.88
62 years	84840	1303	0.98464	0.01536	14.8	84189	1517384	17.89	0.91
63 years	83537	1415	0.98306	0.01694	12.6	82830	1433195	17.16	0.93
64 years	82122	1529	0.98139	0.01861	11.0	81357	1350365	16.44	0.96
65 years	80593	1645	0.97958	0.02042	11.5	79771	1269008	15.75	1.00
66 years	78948	1770	0.97758	0.02242	12.6	78063	1189237	15.06	1.04
67 years	77178	1903	0.97534	0.02466	12.4	76226	1111174	14.40	1.07
68 years	75275	2039	0.97291	0.02709	10.6	74256	1034948	13.75	1.10
69 years	73236	2173	0.97032	0.02968	9.3	72149	960692	13.12	1.15
70 years	71063	2310	0.96750	0.03250	9.7	69908	888543	12.50	1.20
71 years	68753	2450	0.96436	0.03564	10.6	67528	818635	11.91	1.26
72 years	66303	2597	0.96083	0.03917	10.4	65005	751107	11.33	1.31
73 years	63706	2748	0.95687	0.04313	8.9	62332	686102	10.77	1.37
74 years	60958	2894	0.95253	0.04747	8.1	59511	623770	10.23	1.45
75 years	58064	3027	0.94787	0.05213	8.7	56551	564259	9.72	1.54
76 years	55037	3141	0.94292	0.05708	9.7	53467	507708	9.22	1.64
77 years	51896	3231	0.93774	0.06226	9.6	50280	454241	8.75	1.72
78 years	48665	3276	0.93268	0.06732	8.4	47028	403961	8.30	1.81
79 years	45389	3281	0.92772	0.07229	7.9	43749	356933	7.86	1.95

Table 5a. Complete life table, New Brunswick, 1995-1997: 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	42108	3271	0.92230	0.07770	8.8	40472	313184	7.44	2.12
81 years	38837	3266	0.91591	0.08409	9.9	37204	272712	7.02	2.30
82 years	35571	3272	0.90801	0.09199	9.8	33935	235508	6.62	2.48
83 years	32299	3264	0.89895	0.10105	8.7	30666	201573	6.24	2.70
84 years	29035	3220	0.88909	0.11091	9.4	27425	170907	5.89	3.00
85 years	25815	3152	0.87790	0.12210	11.3	24239	143482	5.56	3.34
86 years	22663	3063	0.86484	0.13516	12.1	21131	119243	5.26	3.63
87 years	19600	2952	0.84938	0.15062	11.1	18124	98112	5.01	3.89
88 years	16648	2534	0.84780	0.15220	11.5	15381	79988	4.80	4.26
89 years	14114	2171	0.84622	0.15378	13.1	13028	64607	4.58	4.80
90 years	11943	1960	0.83589	0.16411	14.7	10964	51579	4.32	5.40
91 years	9983	1750	0.82470	0.17530	14.3	9108	40615	4.07	6.05
92 years	8233	1543	0.81258	0.18742	17.2	7462	31507	3.83	6.99
93 years	6690	1342	0.79944	0.20056	18.3	6019	24045	3.59	7.97
94 years	5348	1148	0.78521	0.21479	20.0	4774	18026	3.37	9.23
95 years	4200	967	0.76979	0.23021	23.2	3716	13252	3.16	10.85
96 years	3233	798	0.75311	0.24689	24.4	2834	9536	2.95	12.71
97 years	2435	645	0.73506	0.26494	22.6	2112	6702	2.75	15.43
98 years	1790	509	0.71554	0.28446	37.8	1535	4590	2.56	20.30
99 years	1281	392	0.69446	0.30554	38.6	1085	3055	2.39	24.49
100 years	889	292	0.67170	0.32830	71.0	744	1970	2.21	31.78
101 years	597	210	0.64718	0.35282	56.9	492	1226	2.05	27.27
102 years	387	147	0.62079	0.37921	51.6	313	734	1.90	23.22

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution; ".." indicates a cv of at least 100.0%.

Table 5b. Complete life table, New Brunswick, 1995-1997: 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	455	0.99545	0.00455	13.5	99601	8129496	81.29	0.25
1 year	99545	35	0.99965	0.00035	49.4	99527	8029895	80.67	0.25
2 years	99510	20	0.99980	0.00020	53.6	99501	7930368	79.69	0.25
3 years	99490	18	0.99982	0.00018	40.6	99477	7830867	78.71	0.26
4 years	99472	16	0.99983	0.00017	86.1	99464	7731390	77.72	0.26
5 years	99456	16	0.99985	0.00015	..	99448	7631926	76.74	0.26
6 years	99440	13	0.99986	0.00014	..	99434	7532478	75.75	0.26
7 years	99427	13	0.99987	0.00013	..	99420	7433044	74.76	0.27
8 years	99414	11	0.99989	0.00011	..	99409	7333624	73.77	0.27
9 years	99403	10	0.99990	0.00010	..	99398	7234215	72.78	0.27
10 years	99393	9	0.99991	0.00009	..	99389	7134817	71.78	0.28
11 years	99384	8	0.99992	0.00008	..	99380	7035428	70.79	0.28
12 years	99376	9	0.99990	0.00010	..	99372	6936048	69.80	0.28
13 years	99367	13	0.99987	0.00013	..	99360	6836676	68.80	0.29
14 years	99354	17	0.99983	0.00017	82.8	99346	6737316	67.81	0.29
15 years	99337	22	0.99978	0.00022	80.6	99326	6637970	66.82	0.30
16 years	99315	27	0.99973	0.00027	81.9	99301	6538644	65.84	0.30
17 years	99288	31	0.99969	0.00031	78.4	99272	6439343	64.86	0.30
18 years	99257	34	0.99966	0.00034	67.7	99240	6340071	63.88	0.31
19 years	99223	35	0.99965	0.00035	57.7	99205	6240831	62.90	0.31
20 years	99188	36	0.99963	0.00037	57.9	99170	6141626	61.92	0.32
21 years	99152	37	0.99963	0.00037	65.6	99133	6042456	60.94	0.32
22 years	99115	38	0.99962	0.00038	70.2	99096	5943323	59.96	0.33
23 years	99077	36	0.99963	0.00037	66.0	99059	5844227	58.99	0.33
24 years	99041	36	0.99964	0.00036	59.5	99023	5745168	58.01	0.33
25 years	99005	34	0.99966	0.00034	60.7	98988	5646145	57.03	0.34
26 years	98971	32	0.99967	0.00033	70.6	98955	5547157	56.05	0.35
27 years	98939	32	0.99968	0.00032	76.9	98923	5448202	55.07	0.35
28 years	98907	32	0.99968	0.00032	71.4	98891	5349279	54.08	0.36
29 years	98875	32	0.99967	0.00033	62.7	98859	5250388	53.10	0.36
30 years	98843	33	0.99967	0.00033	61.2	98826	5151529	52.12	0.37
31 years	98810	35	0.99965	0.00035	65.4	98792	5052703	51.14	0.38
32 years	98775	39	0.99961	0.00039	63.7	98755	4953911	50.15	0.38
33 years	98736	45	0.99955	0.00045	52.1	98714	4855156	49.17	0.39
34 years	98691	52	0.99947	0.00053	43.2	98665	4756442	48.20	0.40
35 years	98639	61	0.99938	0.00062	43.1	98609	4657777	47.22	0.40
36 years	98578	70	0.99929	0.00071	45.5	98542	4559168	46.25	0.41
37 years	98508	78	0.99921	0.00079	44.5	98469	4460626	45.28	0.42
38 years	98430	83	0.99916	0.00084	38.8	98389	4362157	44.32	0.43
39 years	98347	87	0.99911	0.00089	34.1	98304	4263768	43.35	0.44

Table 5b. Complete life table, New Brunswick, 1995-1997: 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	98260	91	0.99907	0.00093	35.2	98214	4165464	42.39	0.45
41 years	98169	97	0.99902	0.00098	39.1	98121	4067250	41.43	0.46
42 years	98072	104	0.99894	0.00106	39.3	98020	3969129	40.47	0.46
43 years	97968	113	0.99885	0.00115	33.8	97912	3871109	39.51	0.47
44 years	97855	124	0.99873	0.00127	29.4	97793	3773197	38.56	0.49
45 years	97731	136	0.99861	0.00139	30.4	97663	3675404	37.61	0.50
46 years	97595	148	0.99847	0.00153	33.0	97521	3577741	36.66	0.51
47 years	97447	163	0.99833	0.00167	32.6	97365	3480220	35.71	0.52
48 years	97284	175	0.99820	0.00180	28.6	97196	3382855	34.77	0.53
49 years	97109	186	0.99809	0.00191	26.6	97016	3285659	33.83	0.55
50 years	96923	199	0.99795	0.00205	29.2	96824	3188643	32.90	0.56
51 years	96724	217	0.99775	0.00225	32.2	96615	3091819	31.97	0.57
52 years	96507	246	0.99745	0.00255	30.8	96384	2995204	31.04	0.59
53 years	96261	284	0.99705	0.00295	25.3	96119	2898820	30.11	0.60
54 years	95977	330	0.99656	0.00344	22.2	95811	2802701	29.20	0.62
55 years	95647	383	0.99600	0.00400	23.4	95456	2706890	28.30	0.64
56 years	95264	439	0.99539	0.00461	25.0	95044	2611434	27.41	0.65
57 years	94825	497	0.99476	0.00524	23.8	94577	2516390	26.54	0.67
58 years	94328	559	0.99407	0.00593	19.8	94049	2421813	25.67	0.68
59 years	93769	627	0.99332	0.00668	17.0	93455	2327764	24.82	0.70
60 years	93142	695	0.99253	0.00747	17.5	92794	2234309	23.99	0.72
61 years	92447	763	0.99175	0.00825	19.1	92065	2141515	23.16	0.74
62 years	91684	827	0.99098	0.00902	18.9	91271	2049450	22.35	0.75
63 years	90857	880	0.99032	0.00968	16.5	90417	1958179	21.55	0.77
64 years	89977	924	0.98973	0.01027	14.5	89515	1867762	20.76	0.79
65 years	89053	970	0.98911	0.01089	14.9	88568	1778247	19.97	0.81
66 years	88083	1025	0.98836	0.01164	16.5	87570	1689679	19.18	0.84
67 years	87058	1100	0.98737	0.01263	16.4	86508	1602109	18.40	0.86
68 years	85958	1188	0.98618	0.01382	14.1	85365	1515601	17.63	0.88
69 years	84770	1283	0.98486	0.01514	12.2	84128	1430236	16.87	0.91
70 years	83487	1389	0.98336	0.01664	12.4	82793	1346108	16.12	0.95
71 years	82098	1509	0.98162	0.01838	13.4	81344	1263315	15.39	0.99
72 years	80589	1646	0.97958	0.02042	13.0	79765	1181971	14.67	1.03
73 years	78943	1793	0.97729	0.02271	11.1	78047	1102206	13.96	1.07
74 years	77150	1943	0.97481	0.02519	9.9	76179	1024159	13.27	1.11
75 years	75207	2104	0.97203	0.02797	10.5	74155	947980	12.61	1.17
76 years	73103	2273	0.96890	0.03110	11.4	71966	873825	11.95	1.24
77 years	70830	2457	0.96532	0.03468	11.1	69602	801859	11.32	1.29
78 years	68373	2638	0.96142	0.03858	9.4	67054	732257	10.71	1.35
79 years	65735	2811	0.95724	0.04276	8.5	64330	665203	10.12	1.43

Table 5b. Complete life table, New Brunswick, 1995-1997: 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	62924	2981	0.95261	0.04739	9.2	61434	600873	9.55	1.53
81 years	59943	3155	0.94738	0.05262	10.1	58365	539439	9.00	1.64
82 years	56788	3329	0.94136	0.05864	9.8	55124	481074	8.47	1.74
83 years	53459	3492	0.93468	0.06532	8.5	51712	425950	7.97	1.85
84 years	49967	3626	0.92744	0.07256	8.7	48154	374238	7.49	2.01
85 years	46341	3731	0.91948	0.08052	10.2	44476	326084	7.04	2.19
86 years	42610	3808	0.91063	0.08937	10.7	40707	281608	6.61	2.35
87 years	38802	3852	0.90073	0.09927	9.8	36876	240901	6.21	2.50
88 years	34950	3700	0.89412	0.10588	10.4	33100	204025	5.84	2.71
89 years	31250	3617	0.88427	0.11573	10.1	29441	170925	5.47	2.94
90 years	27633	3492	0.87362	0.12638	10.9	25887	141484	5.12	3.24
91 years	24141	3329	0.86212	0.13788	10.9	22477	115597	4.79	3.57
92 years	20812	3127	0.84972	0.15028	10.8	19249	93120	4.47	3.98
93 years	17685	2894	0.83637	0.16363	11.7	16238	73871	4.18	4.55
94 years	14791	2633	0.82202	0.17798	13.9	13474	57633	3.90	5.22
95 years	12158	2351	0.80662	0.19338	15.0	10983	44159	3.63	5.89
96 years	9807	2058	0.79013	0.20987	15.6	8778	33176	3.38	6.68
97 years	7749	1763	0.77250	0.22750	16.6	6868	24398	3.15	7.72
98 years	5986	1474	0.75369	0.24631	18.5	5249	17530	2.93	9.09
99 years	4512	1202	0.73365	0.26635	21.6	3911	12281	2.72	10.81
100 years	3310	952	0.71237	0.28763	23.7	2834	8370	2.53	12.77
101 years	2358	731	0.68981	0.31019	27.2	1992	5536	2.35	15.43
102 years	1627	544	0.66595	0.33405	28.9	1355	3544	2.18	18.84
103 years	1083	389	0.64077	0.35923	34.7	888	2189	2.02	24.58
104 years	694	268	0.61428	0.38572	55.4	561	1301	1.87	33.26
105 years	426	176	0.58647	0.41353	59.3	338	740	1.74	37.47
106 years	250	111	0.55736	0.44264	57.8	194	402	1.61	41.83
107 years	139	66	0.52698	0.47302	88.9	107	208	1.49	53.01

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution; ".." indicates a cv of at least 100.0%.

Table 6a. Complete life table, Quebec, 1995-1997: 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	567	0.99433	0.00567	3.7	99493	7457469	74.57	0.09
1 year	99433	43	0.99957	0.00044	11.9	99409	7357976	74.00	0.09
2 years	99390	33	0.99967	0.00033	14.2	99370	7258567	73.03	0.09
3 years	99357	26	0.99973	0.00027	17.6	99341	7159197	72.06	0.09
4 years	99331	22	0.99978	0.00022	18.7	99317	7059856	71.07	0.09
5 years	99309	18	0.99982	0.00018	28.4	99300	6960539	70.09	0.09
6 years	99291	15	0.99984	0.00016	38.5	99283	6861239	69.10	0.09
7 years	99276	14	0.99986	0.00014	39.4	99269	6761956	68.11	0.10
8 years	99262	12	0.99988	0.00012	40.7	99256	6662687	67.12	0.10
9 years	99250	12	0.99988	0.00012	39.8	99244	6563431	66.13	0.10
10 years	99238	14	0.99986	0.00014	36.4	99231	6464187	65.14	0.10
11 years	99224	14	0.99986	0.00014	33.6	99218	6364956	64.15	0.10
12 years	99210	21	0.99979	0.00021	31.5	99199	6265738	63.16	0.10
13 years	99189	32	0.99968	0.00032	20.6	99173	6166539	62.17	0.10
14 years	99157	45	0.99954	0.00046	15.8	99135	6067366	61.19	0.11
15 years	99112	62	0.99938	0.00062	15.5	99080	5968231	60.22	0.11
16 years	99050	77	0.99923	0.00077	15.6	99012	5869151	59.25	0.11
17 years	98973	88	0.99911	0.00089	14.8	98929	5770139	58.30	0.11
18 years	98885	96	0.99903	0.00097	12.6	98837	5671210	57.35	0.11
19 years	98789	101	0.99897	0.00103	10.9	98739	5572373	56.41	0.11
20 years	98688	106	0.99893	0.00107	11.2	98634	5473634	55.46	0.11
21 years	98582	109	0.99890	0.00110	12.8	98528	5375000	54.52	0.12
22 years	98473	110	0.99888	0.00112	13.6	98418	5276472	53.58	0.12
23 years	98363	111	0.99887	0.00113	12.5	98307	5178054	52.64	0.12
24 years	98252	110	0.99889	0.00111	11.0	98197	5079747	51.70	0.12
25 years	98142	107	0.99891	0.00109	11.0	98089	4981550	50.76	0.12
26 years	98035	106	0.99892	0.00108	12.5	97982	4883461	49.81	0.12
27 years	97929	106	0.99892	0.00108	13.4	97876	4785479	48.87	0.12
28 years	97823	107	0.99890	0.00110	12.2	97769	4687603	47.92	0.13
29 years	97716	112	0.99886	0.00114	10.4	97660	4589834	46.97	0.13
30 years	97604	115	0.99882	0.00118	9.9	97547	4492174	46.02	0.13
31 years	97489	120	0.99877	0.00123	10.7	97430	4394627	45.08	0.13
32 years	97369	125	0.99872	0.00128	11.0	97306	4297197	44.13	0.14
33 years	97244	130	0.99866	0.00134	9.8	97180	4199891	43.19	0.14
34 years	97114	136	0.99860	0.00140	8.5	97046	4102711	42.25	0.14
35 years	96978	142	0.99853	0.00147	8.5	96907	4005665	41.30	0.14
36 years	96836	150	0.99846	0.00154	9.4	96761	3908758	40.36	0.15
37 years	96686	157	0.99837	0.00163	9.5	96607	3811997	39.43	0.15
38 years	96529	167	0.99827	0.00173	8.4	96445	3715390	38.49	0.15
39 years	96362	177	0.99817	0.00183	7.4	96274	3618945	37.56	0.16

Table 6a. Complete life table, Quebec, 1995-1997: 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	96185	187	0.99805	0.00195	7.7	96091	3522671	36.62	0.16
41 years	95998	200	0.99792	0.00208	8.5	95898	3426580	35.69	0.16
42 years	95798	214	0.99777	0.00223	8.6	95691	3330682	34.77	0.17
43 years	95584	228	0.99761	0.00239	7.5	95470	3234991	33.84	0.17
44 years	95356	244	0.99744	0.00256	6.7	95235	3139521	32.92	0.17
45 years	95112	261	0.99725	0.00275	6.9	94981	3044286	32.01	0.18
46 years	94851	282	0.99703	0.00297	7.6	94710	2949305	31.09	0.18
47 years	94569	307	0.99675	0.00325	7.5	94416	2854595	30.19	0.19
48 years	94262	335	0.99644	0.00356	6.5	94095	2760179	29.28	0.19
49 years	93927	367	0.99609	0.00391	5.8	93743	2666084	28.38	0.20
50 years	93560	403	0.99570	0.00430	6.1	93358	2572341	27.49	0.20
51 years	93157	442	0.99525	0.00475	6.7	92937	2478983	26.61	0.21
52 years	92715	489	0.99473	0.00527	6.5	92470	2386046	25.74	0.22
53 years	92226	540	0.99415	0.00585	5.6	91957	2293576	24.87	0.22
54 years	91686	594	0.99351	0.00649	5.0	91389	2201619	24.01	0.23
55 years	91092	656	0.99281	0.00719	5.4	90764	2110230	23.17	0.24
56 years	90436	721	0.99202	0.00798	5.9	90075	2019466	22.33	0.24
57 years	89715	797	0.99112	0.00888	5.7	89317	1929391	21.51	0.25
58 years	88918	875	0.99015	0.00985	4.9	88480	1840074	20.69	0.26
59 years	88043	958	0.98912	0.01088	4.3	87564	1751594	19.89	0.27
60 years	87085	1048	0.98798	0.01202	4.4	86560	1664030	19.11	0.28
61 years	86037	1146	0.98668	0.01332	4.8	85465	1577470	18.33	0.29
62 years	84891	1258	0.98518	0.01482	4.7	84262	1492005	17.58	0.30
63 years	83633	1380	0.98350	0.01650	4.0	82943	1407743	16.83	0.30
64 years	82253	1509	0.98165	0.01835	3.5	81499	1324800	16.11	0.32
65 years	80744	1645	0.97963	0.02037	3.6	79922	1243301	15.40	0.33
66 years	79099	1786	0.97742	0.02258	3.9	78206	1163379	14.71	0.34
67 years	77313	1931	0.97502	0.02498	3.8	76347	1085173	14.04	0.36
68 years	75382	2074	0.97248	0.02752	3.3	74345	1008826	13.38	0.37
69 years	73308	2213	0.96982	0.03018	2.9	72202	934481	12.75	0.39
70 years	71095	2351	0.96693	0.03307	3.1	69920	862279	12.13	0.41
71 years	68744	2492	0.96374	0.03626	3.5	67498	792359	11.53	0.43
72 years	66252	2641	0.96014	0.03986	3.4	64931	724861	10.94	0.45
73 years	63611	2783	0.95624	0.04376	2.9	62220	659930	10.37	0.47
74 years	60828	2914	0.95210	0.04790	2.8	59370	597710	9.83	0.50
75 years	57914	3037	0.94756	0.05244	3.1	56396	538340	9.30	0.54
76 years	54877	3155	0.94250	0.05750	3.4	53300	481944	8.78	0.57
77 years	51722	3270	0.93678	0.06322	3.4	50087	428644	8.29	0.61
78 years	48452	3375	0.93035	0.06965	2.9	46764	378557	7.81	0.64
79 years	45077	3457	0.92331	0.07669	2.8	43349	331793	7.36	0.69

Table 6a. Complete life table, Quebec, 1995-1997: 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	41620	3508	0.91571	0.08429	3.1	39866	288444	6.93	0.76
81 years	38112	3521	0.90762	0.09238	3.5	36352	248578	6.52	0.83
82 years	34591	3491	0.89908	0.10092	3.4	32845	212226	6.14	0.89
83 years	31100	3419	0.89007	0.10993	3.1	29391	179381	5.77	0.97
84 years	27681	3307	0.88054	0.11946	3.3	26028	149990	5.42	1.08
85 years	24374	3155	0.87055	0.12945	4.0	22797	123962	5.09	1.21
86 years	21219	2967	0.86015	0.13985	4.4	19735	101165	4.77	1.33
87 years	18252	2749	0.84941	0.15059	4.2	16877	81430	4.46	1.45
88 years	15503	2588	0.83304	0.16696	4.5	14209	64553	4.16	1.64
89 years	12915	2335	0.81921	0.18079	4.7	11747	50344	3.90	1.84
90 years	10580	2068	0.80453	0.19547	5.0	9546	38597	3.65	2.09
91 years	8512	1797	0.78896	0.21104	5.5	7614	29051	3.41	2.40
92 years	6715	1527	0.77249	0.22751	6.1	5951	21437	3.19	2.78
93 years	5188	1271	0.75512	0.24488	6.4	4553	15486	2.99	3.22
94 years	3917	1031	0.73683	0.26317	7.5	3402	10933	2.79	3.85
95 years	2886	815	0.71762	0.28238	8.8	2479	7531	2.61	4.59
96 years	2071	626	0.69749	0.30251	9.5	1758	5052	2.44	5.43
97 years	1445	468	0.67645	0.32355	11.0	1211	3294	2.28	6.65
98 years	977	337	0.65450	0.34550	13.4	808	2083	2.13	8.25
99 years	640	236	0.63168	0.36832	16.3	522	1275	1.99	10.19
100 years	404	158	0.60800	0.39200	16.3	325	753	1.86	12.32
101 years	246	103	0.58349	0.41651	23.4	194	428	1.74	16.95
102 years	143	63	0.55818	0.44182	22.5	112	234	1.63	22.11
103 years	80	37	0.53213	0.46787	47.8	61	122	1.53	35.10
104 years	43	21	0.50538	0.49462	46.5	32	61	1.43	41.85
105 years	22	12	0.47797	0.52203	84.7	16	29	1.34	62.50
106 years	10	5	0.44998	0.55003	58.1	8	13	1.25	52.48
107 years	5	3	0.42145	0.57855	79.5	3	5	1.17	72.41
108 years	2	1	0.39245	0.60755	..	1	2	1.10	91.71

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution; ".." indicates a cv of at least 100.0%.

Table 6b. Complete life table, Quebec, 1995-1997: 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	459	0.99541	0.00459	4.2	99586	8092099	80.92	0.08
1 year	99541	39	0.99961	0.00039	13.7	99523	7992513	80.29	0.08
2 years	99502	24	0.99977	0.00024	18.1	99488	7892990	79.33	0.08
3 years	99478	21	0.99978	0.00022	17.4	99465	7793502	78.34	0.08
4 years	99457	20	0.99980	0.00020	19.5	99446	7694037	77.36	0.08
5 years	99437	17	0.99983	0.00017	28.7	99428	7594591	76.38	0.08
6 years	99420	14	0.99986	0.00014	40.9	99413	7495163	75.39	0.08
7 years	99406	11	0.99988	0.00012	43.9	99400	7395750	74.40	0.09
8 years	99395	12	0.99989	0.00011	40.0	99389	7296350	73.41	0.09
9 years	99383	12	0.99988	0.00012	36.4	99377	7196961	72.42	0.09
10 years	99371	13	0.99987	0.00013	34.7	99365	7097584	71.42	0.09
11 years	99358	13	0.99987	0.00013	34.4	99352	6998219	70.43	0.09
12 years	99345	17	0.99983	0.00017	36.3	99336	6898867	69.44	0.09
13 years	99328	19	0.99980	0.00020	29.5	99319	6799531	68.46	0.09
14 years	99309	23	0.99977	0.00023	24.0	99297	6700212	67.47	0.09
15 years	99286	27	0.99973	0.00027	23.5	99273	6600915	66.48	0.09
16 years	99259	29	0.99970	0.00030	25.0	99244	6501642	65.50	0.10
17 years	99230	33	0.99968	0.00032	25.1	99214	6402398	64.52	0.10
18 years	99197	33	0.99966	0.00034	22.5	99180	6303184	63.54	0.10
19 years	99164	34	0.99966	0.00034	19.8	99147	6204004	62.56	0.10
20 years	99130	34	0.99966	0.00034	20.3	99113	6104857	61.58	0.10
21 years	99096	34	0.99966	0.00034	23.4	99079	6005744	60.61	0.10
22 years	99062	35	0.99965	0.00035	25.0	99044	5906665	59.63	0.10
23 years	99027	35	0.99965	0.00035	23.0	99010	5807621	58.65	0.10
24 years	98992	34	0.99965	0.00035	20.2	98975	5708611	57.67	0.11
25 years	98958	36	0.99964	0.00036	20.2	98940	5609636	56.69	0.11
26 years	98922	36	0.99964	0.00036	22.5	98904	5510696	55.71	0.11
27 years	98886	37	0.99962	0.00038	23.3	98868	5411792	54.73	0.11
28 years	98849	39	0.99960	0.00040	20.5	98829	5312924	53.75	0.11
29 years	98810	43	0.99957	0.00043	17.1	98788	5214095	52.77	0.11
30 years	98767	45	0.99954	0.00046	16.4	98745	5115307	51.79	0.12
31 years	98722	49	0.99950	0.00050	17.4	98697	5016562	50.82	0.12
32 years	98673	53	0.99946	0.00054	17.4	98646	4917865	49.84	0.12
33 years	98620	57	0.99942	0.00058	15.1	98592	4819219	48.87	0.12
34 years	98563	61	0.99938	0.00062	13.0	98532	4720627	47.89	0.12
35 years	98502	65	0.99934	0.00066	13.1	98470	4622095	46.92	0.13
36 years	98437	70	0.99929	0.00071	14.1	98402	4523625	45.95	0.13
37 years	98367	77	0.99922	0.00078	13.9	98328	4425223	44.99	0.13
38 years	98290	86	0.99913	0.00087	11.8	98248	4326895	44.02	0.13
39 years	98204	95	0.99903	0.00097	10.2	98156	4228647	43.06	0.14

Table 6b. Complete life table, Quebec, 1995-1997: 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	98109	106	0.99892	0.00108	10.6	98057	4130491	42.10	0.14
41 years	98003	117	0.99880	0.00120	11.4	97944	4032434	41.15	0.14
42 years	97886	130	0.99868	0.00132	11.2	97821	3934490	40.19	0.15
43 years	97756	141	0.99855	0.00145	9.6	97686	3836669	39.25	0.15
44 years	97615	155	0.99842	0.00158	8.4	97537	3738983	38.30	0.15
45 years	97460	168	0.99828	0.00172	8.7	97377	3641446	37.36	0.16
46 years	97292	182	0.99812	0.00188	9.5	97201	3544069	36.43	0.16
47 years	97110	199	0.99796	0.00204	9.5	97011	3446868	35.49	0.16
48 years	96911	215	0.99778	0.00222	8.2	96803	3349857	34.57	0.17
49 years	96696	232	0.99760	0.00240	7.3	96580	3253054	33.64	0.17
50 years	96464	251	0.99740	0.00260	7.7	96339	3156474	32.72	0.18
51 years	96213	272	0.99717	0.00283	8.5	96077	3060135	31.81	0.18
52 years	95941	298	0.99690	0.00310	8.4	95792	2964058	30.89	0.18
53 years	95643	326	0.99658	0.00342	7.2	95480	2868266	29.99	0.19
54 years	95317	360	0.99623	0.00377	6.5	95137	2772786	29.09	0.19
55 years	94957	395	0.99584	0.00416	6.9	94759	2677649	28.20	0.20
56 years	94562	432	0.99543	0.00457	7.6	94347	2582890	27.31	0.20
57 years	94130	471	0.99500	0.00500	7.5	93895	2488543	26.44	0.21
58 years	93659	507	0.99458	0.00542	6.5	93405	2394648	25.57	0.21
59 years	93152	544	0.99416	0.00584	5.7	92880	2301243	24.70	0.22
60 years	92608	583	0.99371	0.00629	5.9	92316	2208363	23.85	0.22
61 years	92025	629	0.99317	0.00683	6.5	91711	2116047	22.99	0.23
62 years	91396	687	0.99249	0.00751	6.4	91053	2024336	22.15	0.24
63 years	90709	755	0.99167	0.00833	5.4	90331	1933283	21.31	0.24
64 years	89954	832	0.99075	0.00925	4.7	89538	1842952	20.49	0.25
65 years	89122	915	0.98973	0.01027	4.8	88665	1753414	19.67	0.26
66 years	88207	1006	0.98860	0.01140	5.1	87704	1664749	18.87	0.27
67 years	87201	1102	0.98736	0.01264	5.0	86649	1577045	18.09	0.28
68 years	86099	1200	0.98607	0.01393	4.3	85500	1490396	17.31	0.29
69 years	84899	1296	0.98473	0.01527	3.8	84251	1404896	16.55	0.30
70 years	83603	1399	0.98326	0.01674	3.9	82903	1320645	15.80	0.31
71 years	82204	1516	0.98156	0.01844	4.3	81446	1237742	15.06	0.32
72 years	80688	1650	0.97955	0.02045	4.2	79863	1156296	14.33	0.34
73 years	79038	1794	0.97731	0.02269	3.6	78141	1076433	13.62	0.35
74 years	77244	1938	0.97491	0.02509	3.2	76275	998292	12.92	0.37
75 years	75306	2093	0.97221	0.02779	3.5	74259	922017	12.24	0.39
76 years	73213	2264	0.96908	0.03092	3.8	72082	847758	11.58	0.41
77 years	70949	2454	0.96541	0.03459	3.7	69722	775676	10.93	0.43
78 years	68495	2651	0.96129	0.03871	3.2	67170	705954	10.31	0.45
79 years	65844	2843	0.95682	0.04318	2.9	64422	638784	9.70	0.48

Table 6b. Complete life table, Quebec, 1995-1997: 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	63001	3035	0.95183	0.04817	3.1	61484	574362	9.12	0.52
81 years	59966	3228	0.94616	0.05384	3.4	58352	512878	8.55	0.55
82 years	56738	3425	0.93965	0.06035	3.3	55025	454526	8.01	0.59
83 years	53313	3603	0.93241	0.06759	2.9	51512	399501	7.49	0.63
84 years	49710	3752	0.92454	0.07546	2.9	47834	347989	7.00	0.69
85 years	45958	3866	0.91588	0.08412	3.4	44025	300155	6.53	0.76
86 years	42092	3944	0.90628	0.09372	3.6	40120	256130	6.08	0.82
87 years	38148	3984	0.89557	0.10443	3.3	36156	216010	5.66	0.88
88 years	34164	4030	0.88204	0.11796	3.4	32149	179854	5.26	0.97
89 years	30134	3932	0.86952	0.13048	3.4	28168	147705	4.90	1.07
90 years	26202	3771	0.85606	0.14394	3.5	24316	119537	4.56	1.19
91 years	22431	3552	0.84167	0.15833	3.8	20655	95221	4.25	1.34
92 years	18879	3279	0.82631	0.17369	4.0	17239	74566	3.95	1.52
93 years	15600	2964	0.81001	0.18999	4.2	14118	57327	3.67	1.73
94 years	12636	2619	0.79276	0.20724	4.6	11327	43209	3.42	2.00
95 years	10017	2258	0.77459	0.22541	5.1	8888	31882	3.18	2.33
96 years	7759	1897	0.75552	0.24448	5.5	6811	22994	2.96	2.73
97 years	5862	1550	0.73558	0.26442	6.4	5088	16183	2.76	3.27
98 years	4312	1229	0.71483	0.28517	7.2	3697	11095	2.57	3.91
99 years	3083	946	0.69332	0.30668	8.1	2610	7398	2.40	4.71
100 years	2137	703	0.67110	0.32890	9.4	1785	4788	2.24	5.81
101 years	1434	504	0.64826	0.35174	11.3	1182	3003	2.09	7.30
102 years	930	349	0.62486	0.37514	13.4	756	1821	1.96	9.23
103 years	581	232	0.60099	0.39901	17.5	465	1065	1.83	12.03
104 years	349	148	0.57675	0.42325	18.2	275	600	1.72	15.21
105 years	201	90	0.55221	0.44779	26.8	156	325	1.61	21.97
106 years	111	52	0.52749	0.47251	39.8	85	169	1.52	30.90
107 years	59	30	0.50266	0.49734	50.1	44	84	1.43	39.53
108 years	29	15	0.47784	0.52216	59.9	22	40	1.34	48.47
109 years	14	8	0.45311	0.54689	67.3	10	18	1.26	57.44

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution.

Table 7a. Complete life table, Ontario, 1995-1997: 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	618	0.99382	0.00618	2.7	99449	7585739	75.86	0.07
1 year	99382	40	0.99959	0.00041	10.3	99359	7486290	75.33	0.07
2 years	99342	30	0.99970	0.00030	11.9	99327	7386931	74.36	0.07
3 years	99312	25	0.99975	0.00025	13.0	99299	7287604	73.38	0.07
4 years	99287	18	0.99982	0.00018	15.4	99276	7188305	72.40	0.07
5 years	99269	12	0.99988	0.00012	26.8	99263	7089029	71.41	0.07
6 years	99257	8	0.99991	0.00009	39.1	99253	6989766	70.42	0.07
7 years	99249	7	0.99993	0.00007	44.4	99246	6890513	69.43	0.08
8 years	99242	5	0.99994	0.00006	47.3	99239	6791267	68.43	0.08
9 years	99237	7	0.99994	0.00006	44.9	99234	6692028	67.44	0.08
10 years	99230	8	0.99992	0.00008	38.4	99226	6592794	66.44	0.08
11 years	99222	9	0.99991	0.00009	33.8	99217	6493568	65.44	0.08
12 years	99213	16	0.99984	0.00016	28.9	99205	6394351	64.45	0.08
13 years	99197	22	0.99977	0.00023	19.6	99186	6295146	63.46	0.08
14 years	99175	32	0.99968	0.00032	15.7	99159	6195960	62.48	0.08
15 years	99143	41	0.99959	0.00041	15.7	99122	6096801	61.49	0.08
16 years	99102	50	0.99949	0.00051	16.0	99077	5997679	60.52	0.09
17 years	99052	58	0.99942	0.00058	15.2	99023	5898602	59.55	0.09
18 years	98994	63	0.99936	0.00064	13.0	98963	5799579	58.59	0.09
19 years	98931	68	0.99932	0.00068	11.0	98897	5700616	57.62	0.09
20 years	98863	71	0.99928	0.00072	11.1	98828	5601719	56.66	0.09
21 years	98792	73	0.99926	0.00074	12.5	98755	5502891	55.70	0.09
22 years	98719	76	0.99923	0.00077	13.1	98682	5404136	54.74	0.09
23 years	98643	76	0.99922	0.00078	12.1	98605	5305454	53.78	0.09
24 years	98567	76	0.99923	0.00077	10.6	98528	5206849	52.83	0.09
25 years	98491	76	0.99924	0.00076	10.6	98453	5108321	51.87	0.10
26 years	98415	75	0.99924	0.00076	11.9	98378	5009868	50.91	0.10
27 years	98340	77	0.99922	0.00078	12.5	98302	4911490	49.94	0.10
28 years	98263	80	0.99918	0.00082	11.1	98223	4813188	48.98	0.10
29 years	98183	86	0.99913	0.00087	9.3	98140	4714965	48.02	0.10
30 years	98097	91	0.99907	0.00093	8.9	98051	4616825	47.06	0.10
31 years	98006	98	0.99900	0.00100	9.5	97957	4518774	46.11	0.11
32 years	97908	105	0.99893	0.00107	9.6	97855	4420817	45.15	0.11
33 years	97803	111	0.99887	0.00113	8.5	97748	4322962	44.20	0.11
34 years	97692	117	0.99880	0.00120	7.4	97634	4225214	43.25	0.11
35 years	97575	124	0.99873	0.00127	7.5	97513	4127580	42.30	0.11
36 years	97451	131	0.99865	0.00135	8.3	97386	4030067	41.35	0.12
37 years	97320	141	0.99856	0.00144	8.4	97249	3932681	40.41	0.12
38 years	97179	149	0.99846	0.00154	7.4	97105	3835432	39.47	0.12
39 years	97030	160	0.99835	0.00165	6.5	96949	3738327	38.53	0.12

Table 7a. Complete life table, Ontario, 1995-1997: 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	96870	171	0.99823	0.00177	6.8	96785	3641378	37.59	0.13
41 years	96699	183	0.99811	0.00189	7.5	96607	3544593	36.66	0.13
42 years	96516	196	0.99798	0.00203	7.6	96418	3447986	35.72	0.13
43 years	96320	207	0.99785	0.00215	6.7	96216	3351568	34.80	0.14
44 years	96113	218	0.99773	0.00227	5.9	96005	3255352	33.87	0.14
45 years	95895	231	0.99760	0.00240	6.2	95779	3159347	32.95	0.14
46 years	95664	247	0.99742	0.00258	6.8	95541	3063568	32.02	0.15
47 years	95417	269	0.99718	0.00282	6.7	95283	2968027	31.11	0.15
48 years	95148	298	0.99687	0.00313	5.7	94999	2872744	30.19	0.15
49 years	94850	331	0.99650	0.00350	5.1	94684	2777745	29.29	0.16
50 years	94519	370	0.99609	0.00391	5.5	94334	2683061	28.39	0.16
51 years	94149	410	0.99564	0.00436	6.0	93945	2588727	27.50	0.17
52 years	93739	454	0.99516	0.00484	5.8	93512	2494782	26.61	0.17
53 years	93285	499	0.99465	0.00535	5.0	93036	2401270	25.74	0.18
54 years	92786	544	0.99413	0.00587	4.4	92514	2308234	24.88	0.18
55 years	92242	594	0.99356	0.00644	4.7	91945	2215720	24.02	0.19
56 years	91648	650	0.99291	0.00709	5.2	91323	2123775	23.17	0.19
57 years	90998	715	0.99214	0.00786	5.1	90640	2032452	22.34	0.20
58 years	90283	788	0.99127	0.00873	4.3	89889	1941812	21.51	0.20
59 years	89495	866	0.99033	0.00967	3.7	89062	1851923	20.69	0.21
60 years	88629	949	0.98929	0.01071	3.9	88154	1762861	19.89	0.22
61 years	87680	1042	0.98811	0.01189	4.2	87159	1674707	19.10	0.22
62 years	86638	1146	0.98678	0.01322	4.1	86065	1587548	18.32	0.23
63 years	85492	1255	0.98531	0.01469	3.4	84865	1501483	17.56	0.24
64 years	84237	1371	0.98373	0.01627	3.0	83551	1416618	16.82	0.25
65 years	82866	1491	0.98200	0.01800	3.1	82120	1333067	16.09	0.26
66 years	81375	1622	0.98008	0.01992	3.3	80564	1250947	15.37	0.27
67 years	79753	1760	0.97793	0.02207	3.3	78873	1170383	14.68	0.28
68 years	77993	1904	0.97559	0.02441	2.8	77041	1091510	13.99	0.29
69 years	76089	2049	0.97308	0.02692	2.5	75065	1014469	13.33	0.30
70 years	74040	2195	0.97035	0.02965	2.6	72943	939404	12.69	0.32
71 years	71845	2345	0.96736	0.03264	2.9	70672	866461	12.06	0.33
72 years	69500	2499	0.96403	0.03597	2.8	68251	795789	11.45	0.35
73 years	67001	2646	0.96051	0.03949	2.4	65678	727538	10.86	0.36
74 years	64355	2778	0.95683	0.04317	2.3	62965	661860	10.28	0.38
75 years	61577	2907	0.95279	0.04721	2.5	60124	598895	9.73	0.41
76 years	58670	3038	0.94822	0.05178	2.8	57151	538771	9.18	0.44
77 years	55632	3176	0.94291	0.05709	2.8	54043	481620	8.66	0.46
78 years	52456	3309	0.93691	0.06309	2.4	50802	427577	8.15	0.49
79 years	49147	3424	0.93035	0.06965	2.2	47435	376775	7.67	0.53

Table 7a. Complete life table, Ontario, 1995-1997: 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	45723	3513	0.92316	0.07684	2.5	43966	329340	7.20	0.57
81 years	42210	3575	0.91530	0.08470	2.8	40423	285374	6.76	0.62
82 years	38635	3605	0.90671	0.09329	2.7	36832	244951	6.34	0.67
83 years	35030	3593	0.89743	0.10257	2.4	33234	208119	5.94	0.73
84 years	31437	3537	0.88749	0.11251	2.6	29669	174885	5.56	0.81
85 years	27900	3436	0.87684	0.12316	3.2	26181	145216	5.20	0.91
86 years	24464	3292	0.86542	0.13458	3.4	22818	119035	4.87	1.00
87 years	21172	3109	0.85319	0.14681	3.2	19618	96217	4.54	1.08
88 years	18063	2916	0.83857	0.16143	3.4	16605	76599	4.24	1.21
89 years	15147	2660	0.82435	0.17565	3.6	13817	59994	3.96	1.37
90 years	12487	2382	0.80922	0.19078	3.9	11296	46177	3.70	1.54
91 years	10105	2090	0.79318	0.20682	4.1	9060	34881	3.45	1.75
92 years	8015	1794	0.77619	0.22381	4.4	7118	25821	3.22	2.02
93 years	6221	1504	0.75827	0.24173	4.9	5469	18703	3.01	2.35
94 years	4717	1229	0.73940	0.26060	5.3	4102	13234	2.81	2.77
95 years	3488	978	0.71960	0.28040	6.1	2999	9132	2.62	3.33
96 years	2510	756	0.69888	0.30112	6.9	2132	6133	2.44	4.05
97 years	1754	566	0.67725	0.32275	8.6	1471	4001	2.28	5.04
98 years	1188	410	0.65473	0.34527	9.5	983	2530	2.13	6.14
99 years	778	287	0.63137	0.36863	11.6	635	1547	1.99	7.85
100 years	491	193	0.60720	0.39280	15.8	394	912	1.86	10.17
101 years	298	124	0.58226	0.41774	17.5	236	518	1.74	12.17
102 years	174	77	0.55660	0.44340	21.5	135	282	1.62	15.17
103 years	97	46	0.53029	0.46971	22.0	74	147	1.52	18.14
104 years	51	25	0.50338	0.49662	31.7	39	73	1.42	25.38
105 years	26	14	0.47594	0.52406	37.8	19	34	1.33	32.30
106 years	12	6	0.44804	0.55196	51.8	9	15	1.25	42.99
107 years	6	4	0.41975	0.58025	45.8	3	6	1.17	46.46
108 years	2	1	0.39115	0.60885	76.6	2	3	1.10	73.66
109 years	1	1	0.36232	0.63768	..	1	1	1.03	94.52

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution; ".." indicates a cv of at least 100.0%.

Table 7b. Complete life table, Ontario, 1995-1997: 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	503	0.99497	0.00503	3.1	99559	8119665	81.20	0.06
1 year	99497	35	0.99965	0.00035	10.9	99479	8020106	80.61	0.06
2 years	99462	20	0.99980	0.00020	16.9	99451	7920627	79.63	0.06
3 years	99442	18	0.99982	0.00018	13.4	99433	7821176	78.65	0.06
4 years	99424	16	0.99984	0.00017	17.6	99416	7721743	77.66	0.07
5 years	99408	14	0.99987	0.00013	26.0	99401	7622327	76.68	0.07
6 years	99394	9	0.99990	0.00010	37.1	99389	7522926	75.69	0.07
7 years	99385	8	0.99992	0.00008	42.2	99381	7423537	74.69	0.07
8 years	99377	8	0.99992	0.00008	37.5	99374	7324156	73.70	0.07
9 years	99369	8	0.99991	0.00009	33.7	99365	7224782	72.71	0.07
10 years	99361	10	0.99990	0.00010	31.5	99355	7125417	71.71	0.07
11 years	99351	11	0.99990	0.00010	30.7	99346	7026062	70.72	0.07
12 years	99340	14	0.99986	0.00014	31.0	99333	6926716	69.73	0.07
13 years	99326	17	0.99983	0.00017	25.0	99317	6827383	68.74	0.07
14 years	99309	20	0.99980	0.00020	20.7	99300	6728066	67.75	0.07
15 years	99289	23	0.99977	0.00023	20.8	99277	6628766	66.76	0.08
16 years	99266	25	0.99974	0.00026	22.5	99254	6529489	65.78	0.08
17 years	99241	28	0.99972	0.00028	22.8	99227	6430235	64.79	0.08
18 years	99213	28	0.99972	0.00028	20.6	99200	6331008	63.81	0.08
19 years	99185	27	0.99972	0.00028	18.2	99171	6231808	62.83	0.08
20 years	99158	28	0.99973	0.00027	18.3	99144	6132637	61.85	0.08
21 years	99130	26	0.99973	0.00027	21.0	99118	6033493	60.86	0.08
22 years	99104	27	0.99973	0.00027	22.4	99090	5934375	59.88	0.08
23 years	99077	28	0.99972	0.00028	20.2	99063	5835285	58.90	0.08
24 years	99049	29	0.99971	0.00029	17.3	99035	5736222	57.91	0.09
25 years	99020	30	0.99969	0.00031	16.9	99005	5637187	56.93	0.09
26 years	98990	32	0.99968	0.00032	18.4	98974	5538182	55.95	0.09
27 years	98958	34	0.99966	0.00034	18.8	98941	5439208	54.96	0.09
28 years	98924	36	0.99964	0.00036	16.7	98906	5340267	53.98	0.09
29 years	98888	37	0.99962	0.00038	14.2	98870	5241361	53.00	0.09
30 years	98851	39	0.99960	0.00040	13.7	98831	5142491	52.02	0.09
31 years	98812	42	0.99958	0.00042	14.9	98791	5043660	51.04	0.10
32 years	98770	44	0.99955	0.00045	14.9	98749	4944869	50.06	0.10
33 years	98726	48	0.99952	0.00048	13.1	98702	4846120	49.09	0.10
34 years	98678	51	0.99948	0.00052	11.4	98652	4747418	48.11	0.10
35 years	98627	55	0.99944	0.00056	11.6	98600	4648766	47.13	0.10
36 years	98572	60	0.99939	0.00061	12.6	98542	4550166	46.16	0.11
37 years	98512	66	0.99933	0.00067	12.3	98479	4451624	45.19	0.11
38 years	98446	73	0.99926	0.00074	10.5	98410	4353145	44.22	0.11
39 years	98373	80	0.99918	0.00082	9.2	98333	4254735	43.25	0.11

Table 7b. Complete life table, Ontario, 1995-1997: 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	98293	90	0.99909	0.00091	9.5	98247	4156402	42.29	0.11
41 years	98203	99	0.99899	0.00101	10.3	98154	4058155	41.32	0.12
42 years	98104	110	0.99888	0.00112	10.1	98049	3960001	40.37	0.12
43 years	97994	121	0.99877	0.00123	8.6	97934	3861952	39.41	0.12
44 years	97873	132	0.99865	0.00135	7.5	97807	3764018	38.46	0.12
45 years	97741	146	0.99851	0.00149	7.8	97668	3666211	37.51	0.13
46 years	97595	159	0.99836	0.00164	8.5	97516	3568543	36.56	0.13
47 years	97436	177	0.99819	0.00181	8.3	97347	3471027	35.62	0.13
48 years	97259	195	0.99799	0.00201	7.1	97162	3373680	34.69	0.14
49 years	97064	215	0.99778	0.00222	6.4	96956	3276518	33.76	0.14
50 years	96849	237	0.99755	0.00245	6.9	96731	3179562	32.83	0.14
51 years	96612	262	0.99729	0.00271	7.5	96480	3082831	31.91	0.15
52 years	96350	288	0.99701	0.00299	7.4	96206	2986351	30.99	0.15
53 years	96062	317	0.99670	0.00330	6.3	95903	2890145	30.09	0.15
54 years	95745	347	0.99638	0.00362	5.6	95571	2794242	29.18	0.16
55 years	95398	379	0.99602	0.00398	5.9	95209	2698671	28.29	0.16
56 years	95019	416	0.99563	0.00437	6.5	94810	2603462	27.40	0.16
57 years	94603	456	0.99518	0.00482	6.4	94375	2508652	26.52	0.17
58 years	94147	502	0.99467	0.00533	5.4	93896	2414277	25.64	0.17
59 years	93645	551	0.99412	0.00588	4.7	93370	2320381	24.78	0.18
60 years	93094	603	0.99352	0.00648	4.8	92792	2227011	23.92	0.18
61 years	92491	660	0.99287	0.00713	5.3	92161	2134219	23.07	0.19
62 years	91831	720	0.99216	0.00784	5.2	91471	2042058	22.24	0.19
63 years	91111	780	0.99144	0.00856	4.5	90721	1950587	21.41	0.20
64 years	90331	840	0.99070	0.00930	3.9	89910	1859866	20.59	0.20
65 years	89491	905	0.98989	0.01011	4.0	89038	1769956	19.78	0.21
66 years	88586	979	0.98896	0.01104	4.3	88097	1680918	18.98	0.22
67 years	87607	1064	0.98785	0.01215	4.2	87075	1592821	18.18	0.22
68 years	86543	1157	0.98662	0.01338	3.6	85965	1505746	17.40	0.23
69 years	85386	1256	0.98530	0.01470	3.1	84758	1419781	16.63	0.24
70 years	84130	1361	0.98381	0.01619	3.2	83449	1335023	15.87	0.25
71 years	82769	1482	0.98210	0.01790	3.5	82028	1251574	15.12	0.26
72 years	81287	1619	0.98009	0.01991	3.4	80478	1169546	14.39	0.27
73 years	79668	1762	0.97788	0.02212	2.9	78787	1089068	13.67	0.28
74 years	77906	1907	0.97552	0.02448	2.7	76953	1010281	12.97	0.29
75 years	75999	2063	0.97285	0.02715	2.9	74967	933328	12.28	0.31
76 years	73936	2237	0.96975	0.03025	3.2	72817	858361	11.61	0.33
77 years	71699	2434	0.96606	0.03394	3.1	70482	785544	10.96	0.34
78 years	69265	2642	0.96186	0.03814	2.6	67944	715062	10.32	0.36
79 years	66623	2848	0.95725	0.04275	2.4	65200	647118	9.71	0.38

Table 7b. Complete life table, Ontario, 1995-1997: 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	63775	3054	0.95211	0.04789	2.6	62248	581918	9.12	0.41
81 years	60721	3260	0.94632	0.05368	2.8	59091	519670	8.56	0.44
82 years	57461	3460	0.93978	0.06022	2.7	55731	460579	8.02	0.46
83 years	54001	3642	0.93255	0.06745	2.3	52180	404848	7.50	0.49
84 years	50359	3792	0.92472	0.07528	2.4	48463	352668	7.00	0.54
85 years	46567	3904	0.91616	0.08384	2.8	44615	304205	6.53	0.59
86 years	42663	3977	0.90677	0.09323	2.9	40674	259590	6.08	0.63
87 years	38686	4007	0.89642	0.10358	2.7	36683	218916	5.66	0.68
88 years	34679	4091	0.88203	0.11797	2.7	32633	182233	5.25	0.74
89 years	30588	3995	0.86940	0.13060	2.7	28591	149600	4.89	0.81
90 years	26593	3834	0.85583	0.14417	2.8	24676	121009	4.55	0.90
91 years	22759	3612	0.84130	0.15870	2.8	20953	96333	4.23	1.00
92 years	19147	3335	0.82581	0.17419	3.0	17479	75380	3.94	1.13
93 years	15812	3014	0.80937	0.19063	3.2	14305	57901	3.66	1.28
94 years	12798	2663	0.79198	0.20802	3.4	11467	43596	3.41	1.46
95 years	10135	2293	0.77367	0.22633	3.7	8988	32129	3.17	1.69
96 years	7842	1926	0.75447	0.24553	4.1	6879	23141	2.95	1.97
97 years	5916	1571	0.73441	0.26559	4.5	5131	16262	2.75	2.30
98 years	4345	1245	0.71355	0.28645	4.9	3722	11131	2.56	2.74
99 years	3100	955	0.69195	0.30805	5.8	2623	7409	2.39	3.36
100 years	2145	708	0.66966	0.33034	6.8	1791	4786	2.23	4.13
101 years	1437	508	0.64678	0.35322	8.1	1183	2995	2.08	5.12
102 years	929	350	0.62337	0.37663	9.2	754	1812	1.95	6.38
103 years	579	232	0.59953	0.40047	11.7	463	1058	1.83	8.36
104 years	347	147	0.57535	0.42465	15.3	274	595	1.71	10.90
105 years	200	90	0.55093	0.44907	16.9	155	321	1.61	13.74
106 years	110	52	0.52636	0.47364	22.6	84	166	1.51	19.21
107 years	58	29	0.50174	0.49826	30.7	43	82	1.42	27.39
108 years	29	15	0.47717	0.52283	48.8	22	39	1.34	40.16
109 years	14	8	0.45275	0.54725	44.0	10	17	1.26	49.18

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution.

Table 8a. Complete life table, Manitoba, 1995-1997: 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	797	0.99203	0.00797	7.2	99315	7517337	75.17	0.23
1 year	99203	50	0.99949	0.00051	30.6	99174	7418022	74.78	0.23
2 years	99153	40	0.99960	0.00040	27.7	99129	7318848	73.81	0.23
3 years	99113	34	0.99966	0.00034	30.6	99096	7219719	72.84	0.23
4 years	99079	29	0.99971	0.00029	40.0	99066	7120623	71.87	0.24
5 years	99050	22	0.99977	0.00023	60.4	99039	7021557	70.89	0.24
6 years	99028	17	0.99983	0.00017	84.5	99019	6922518	69.90	0.24
7 years	99011	13	0.99987	0.00013	93.6	99004	6823499	68.92	0.25
8 years	98998	14	0.99986	0.00014	86.0	98991	6724495	67.93	0.25
9 years	98984	15	0.99984	0.00016	77.6	98977	6625504	66.93	0.25
10 years	98969	20	0.99980	0.00020	69.3	98958	6526527	65.95	0.26
11 years	98949	22	0.99978	0.00022	63.7	98938	6427569	64.96	0.26
12 years	98927	33	0.99967	0.00033	59.9	98910	6328631	63.97	0.26
13 years	98894	44	0.99955	0.00045	42.9	98872	6229721	62.99	0.27
14 years	98850	59	0.99940	0.00060	34.3	98821	6130849	62.02	0.27
15 years	98791	75	0.99924	0.00076	34.5	98753	6032028	61.06	0.27
16 years	98716	89	0.99910	0.00090	36.0	98672	5933275	60.10	0.28
17 years	98627	99	0.99900	0.00100	35.1	98578	5834603	59.16	0.28
18 years	98528	103	0.99895	0.00105	31.1	98476	5736025	58.22	0.28
19 years	98425	105	0.99893	0.00107	27.2	98372	5637549	57.28	0.29
20 years	98320	105	0.99894	0.00106	27.6	98268	5539177	56.34	0.29
21 years	98215	103	0.99895	0.00105	31.7	98163	5440909	55.40	0.29
22 years	98112	104	0.99894	0.00106	33.8	98060	5342746	54.46	0.30
23 years	98008	106	0.99892	0.00108	30.9	97955	5244686	53.51	0.30
24 years	97902	109	0.99889	0.00111	27.0	97847	5146731	52.57	0.30
25 years	97793	112	0.99886	0.00114	27.0	97737	5048884	51.63	0.31
26 years	97681	114	0.99883	0.00117	30.4	97624	4951147	50.69	0.31
27 years	97567	117	0.99880	0.00120	32.0	97508	4853523	49.75	0.32
28 years	97450	119	0.99878	0.00122	29.2	97391	4756015	48.80	0.32
29 years	97331	121	0.99876	0.00124	25.2	97270	4658624	47.86	0.33
30 years	97210	122	0.99875	0.00125	24.6	97149	4561354	46.92	0.33
31 years	97088	123	0.99873	0.00127	27.3	97027	4464205	45.98	0.34
32 years	96965	126	0.99870	0.00130	28.8	96902	4367178	45.04	0.34
33 years	96839	129	0.99867	0.00133	26.2	96774	4270276	44.10	0.35
34 years	96710	131	0.99864	0.00136	22.9	96645	4173502	43.15	0.35
35 years	96579	135	0.99860	0.00140	23.0	96511	4076857	42.21	0.36
36 years	96444	139	0.99856	0.00144	25.6	96375	3980346	41.27	0.37
37 years	96305	144	0.99851	0.00149	26.6	96233	3883971	40.33	0.38
38 years	96161	149	0.99845	0.00155	24.0	96087	3787738	39.39	0.38
39 years	96012	153	0.99840	0.00160	21.4	95936	3691651	38.45	0.39

Table 8a. Complete life table, Manitoba, 1995-1997: 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	95859	160	0.99833	0.00167	22.2	95778	3595715	37.51	0.40
41 years	95699	168	0.99824	0.00176	24.7	95615	3499937	36.57	0.41
42 years	95531	180	0.99812	0.00188	24.9	95441	3404322	35.64	0.42
43 years	95351	194	0.99797	0.00203	21.7	95255	3308881	34.70	0.43
44 years	95157	210	0.99779	0.00221	19.1	95052	3213626	33.77	0.44
45 years	94947	229	0.99759	0.00242	19.9	94832	3118574	32.85	0.45
46 years	94718	252	0.99734	0.00266	21.6	94592	3023742	31.92	0.46
47 years	94466	279	0.99705	0.00295	21.0	94327	2929150	31.01	0.47
48 years	94187	309	0.99672	0.00328	17.9	94033	2834823	30.10	0.48
49 years	93878	341	0.99636	0.00364	16.2	93707	2740790	29.20	0.50
50 years	93537	378	0.99596	0.00404	17.4	93348	2647083	28.30	0.51
51 years	93159	420	0.99549	0.00451	19.0	92949	2553735	27.41	0.53
52 years	92739	469	0.99494	0.00506	18.3	92505	2460786	26.53	0.54
53 years	92270	525	0.99431	0.00569	15.4	92007	2368281	25.67	0.55
54 years	91745	588	0.99359	0.00641	13.6	91451	2276274	24.81	0.57
55 years	91157	655	0.99281	0.00719	14.4	90829	2184823	23.97	0.58
56 years	90502	725	0.99199	0.00801	15.7	90140	2093994	23.14	0.60
57 years	89777	796	0.99114	0.00886	15.4	89379	2003854	22.32	0.61
58 years	88981	861	0.99032	0.00968	13.2	88550	1914475	21.52	0.63
59 years	88120	923	0.98953	0.01047	11.6	87658	1825925	20.72	0.64
60 years	87197	989	0.98866	0.01134	12.0	86703	1738267	19.94	0.66
61 years	86208	1067	0.98763	0.01237	13.1	85674	1651564	19.16	0.68
62 years	85141	1163	0.98633	0.01367	12.8	84559	1565890	18.39	0.70
63 years	83978	1284	0.98472	0.01528	10.8	83336	1481331	17.64	0.72
64 years	82694	1418	0.98285	0.01715	9.3	81985	1397995	16.91	0.74
65 years	81276	1561	0.98080	0.01920	9.5	80496	1316010	16.19	0.77
66 years	79715	1699	0.97868	0.02132	10.3	78865	1235514	15.50	0.80
67 years	78016	1829	0.97656	0.02344	10.1	77102	1156649	14.83	0.82
68 years	76187	1934	0.97462	0.02538	8.8	75220	1079547	14.17	0.84
69 years	74253	2020	0.97279	0.02721	7.8	73243	1004327	13.53	0.87
70 years	72233	2108	0.97082	0.02918	8.1	71179	931084	12.89	0.91
71 years	70125	2212	0.96846	0.03154	9.0	69019	859905	12.26	0.96
72 years	67913	2347	0.96545	0.03455	8.8	66739	790886	11.65	0.99
73 years	65566	2504	0.96180	0.03820	7.6	64314	724147	11.04	1.03
74 years	63062	2668	0.95769	0.04231	6.8	61728	659833	10.46	1.09
75 years	60394	2833	0.95309	0.04691	7.4	58978	598105	9.90	1.16
76 years	57561	2993	0.94801	0.05199	8.1	56064	539127	9.37	1.23
77 years	54568	3141	0.94243	0.05757	7.9	52997	483063	8.85	1.29
78 years	51427	3276	0.93630	0.06370	6.8	49789	430066	8.36	1.35
79 years	48151	3388	0.92964	0.07036	6.2	46457	380277	7.90	1.45

Table 8a. Complete life table, Manitoba, 1995-1997: 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	44763	3469	0.92250	0.07750	6.8	43028	333820	7.46	1.58
81 years	41294	3511	0.91499	0.08501	7.5	39539	290792	7.04	1.70
82 years	37783	3507	0.90716	0.09284	7.4	36029	251253	6.65	1.82
83 years	34276	3463	0.89898	0.10102	6.6	32545	215224	6.28	1.97
84 years	30813	3377	0.89039	0.10961	7.0	29124	182679	5.93	2.17
85 years	27436	3253	0.88146	0.11854	8.5	25810	153555	5.60	2.41
86 years	24183	3088	0.87228	0.12772	9.2	22639	127745	5.28	2.61
87 years	21095	2892	0.86292	0.13708	8.7	19648	105106	4.98	2.81
88 years	18203	2665	0.85360	0.14640	9.1	16871	85458	4.69	3.09
89 years	15538	2448	0.84246	0.15754	9.8	14314	68587	4.41	3.44
90 years	13090	2219	0.83049	0.16951	10.1	11981	54273	4.15	3.83
91 years	10871	1982	0.81762	0.18238	10.9	9880	42292	3.89	4.33
92 years	8889	1744	0.80380	0.19620	11.5	8017	32412	3.65	4.92
93 years	7145	1508	0.78898	0.21102	12.2	6390	24395	3.41	5.69
94 years	5637	1279	0.77309	0.22691	14.3	4998	18005	3.19	6.72
95 years	4358	1063	0.75608	0.24392	15.6	3826	13007	2.98	7.89
96 years	3295	864	0.73788	0.26212	18.5	2863	9181	2.79	9.48
97 years	2431	684	0.71844	0.28156	18.6	2089	6318	2.60	11.34
98 years	1747	528	0.69769	0.30231	24.5	1483	4229	2.42	14.46
99 years	1219	396	0.67559	0.32441	30.4	1021	2746	2.25	18.12
100 years	823	286	0.65208	0.34792	35.0	680	1725	2.10	22.49
101 years	537	200	0.62711	0.37289	34.3	437	1045	1.95	28.79
102 years	337	135	0.60065	0.39935	77.5	269	608	1.81	42.06
103 years	202	86	0.57266	0.42734	53.5	159	339	1.67	35.01
104 years	116	53	0.54311	0.45689	52.1	90	180	1.55	39.60
105 years	63	31	0.51200	0.48800	71.6	47	90	1.44	52.10
106 years	32	17	0.47931	0.52069	84.8	24	43	1.33	57.42

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution.

Table 8b. Complete life table, Manitoba, 1995-1997: 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	638	0.99362	0.00638	8.2	99439	8060280	80.60	0.21
1 year	99362	58	0.99942	0.00058	24.8	99329	7960841	80.12	0.21
2 years	99304	42	0.99957	0.00043	33.7	99282	7861512	79.17	0.21
3 years	99262	41	0.99959	0.00041	31.7	99244	7762230	78.20	0.21
4 years	99221	39	0.99961	0.00039	32.4	99206	7662986	77.23	0.22
5 years	99182	34	0.99966	0.00034	45.9	99165	7563780	76.26	0.22
6 years	99148	24	0.99975	0.00025	67.1	99136	7464615	75.29	0.22
7 years	99124	18	0.99982	0.00018	83.0	99115	7365479	74.31	0.22
8 years	99106	16	0.99984	0.00016	83.8	99098	7266364	73.32	0.22
9 years	99090	14	0.99985	0.00015	81.0	99083	7167266	72.33	0.23
10 years	99076	15	0.99985	0.00015	78.8	99068	7068183	71.34	0.23
11 years	99061	14	0.99986	0.00014	79.5	99054	6969115	70.35	0.23
12 years	99047	18	0.99982	0.00018	84.3	99038	6870061	69.36	0.24
13 years	99029	19	0.99980	0.00020	70.4	99020	6771023	68.37	0.24
14 years	99010	24	0.99977	0.00023	58.6	98998	6672003	67.39	0.24
15 years	98986	27	0.99973	0.00027	58.4	98973	6573005	66.40	0.25
16 years	98959	30	0.99969	0.00031	62.5	98944	6474032	65.42	0.25
17 years	98929	33	0.99967	0.00033	62.5	98912	6375088	64.44	0.25
18 years	98896	34	0.99965	0.00035	55.9	98879	6276176	63.46	0.26
19 years	98862	35	0.99965	0.00035	49.1	98845	6177297	62.48	0.26
20 years	98827	35	0.99965	0.00035	50.1	98810	6078452	61.51	0.26
21 years	98792	35	0.99964	0.00036	56.9	98774	5979642	60.53	0.27
22 years	98757	37	0.99963	0.00037	59.3	98739	5880868	59.55	0.27
23 years	98720	38	0.99961	0.00039	52.6	98701	5782129	58.57	0.27
24 years	98682	41	0.99959	0.00041	45.3	98662	5683428	57.59	0.28
25 years	98641	44	0.99956	0.00044	45.4	98619	5584766	56.62	0.28
26 years	98597	46	0.99953	0.00047	50.0	98574	5486147	55.64	0.29
27 years	98551	49	0.99950	0.00050	51.1	98527	5387573	54.67	0.29
28 years	98502	52	0.99948	0.00052	45.5	98476	5289046	53.69	0.29
29 years	98450	53	0.99946	0.00054	39.0	98424	5190570	52.72	0.30
30 years	98397	55	0.99944	0.00056	38.2	98369	5092146	51.75	0.30
31 years	98342	57	0.99942	0.00058	41.7	98314	4993777	50.78	0.31
32 years	98285	61	0.99938	0.00062	42.2	98254	4895463	49.81	0.31
33 years	98224	66	0.99933	0.00067	36.5	98191	4797209	48.84	0.32
34 years	98158	72	0.99926	0.00074	31.1	98122	4699018	47.87	0.33
35 years	98086	79	0.99920	0.00080	31.2	98046	4600896	46.91	0.33
36 years	98007	86	0.99912	0.00088	33.9	97964	4502850	45.94	0.34
37 years	97921	92	0.99906	0.00094	33.9	97875	4404886	44.98	0.34
38 years	97829	99	0.99900	0.00100	29.9	97779	4307011	44.03	0.35
39 years	97730	103	0.99894	0.00106	26.4	97679	4209232	43.07	0.36

Table 8b. Complete life table, Manitoba, 1995-1997: 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	97627	109	0.99889	0.00111	27.4	97573	4111553	42.11	0.36
41 years	97518	115	0.99881	0.00119	30.3	97460	4013980	41.16	0.37
42 years	97403	126	0.99871	0.00129	30.1	97340	3916520	40.21	0.38
43 years	97277	139	0.99857	0.00143	25.6	97207	3819180	39.26	0.39
44 years	97138	155	0.99840	0.00160	22.2	97060	3721973	38.32	0.40
45 years	96983	173	0.99822	0.00178	23.0	96897	3624913	37.38	0.41
46 years	96810	191	0.99803	0.00197	24.9	96714	3528016	36.44	0.41
47 years	96619	209	0.99783	0.00217	24.5	96514	3431302	35.51	0.42
48 years	96410	225	0.99766	0.00234	21.5	96298	3334788	34.59	0.43
49 years	96185	240	0.99751	0.00249	19.7	96065	3238490	33.67	0.44
50 years	95945	254	0.99735	0.00265	21.4	95818	3142425	32.75	0.45
51 years	95691	276	0.99712	0.00288	23.8	95553	3046607	31.84	0.46
52 years	95415	304	0.99681	0.00319	23.2	95263	2951054	30.93	0.47
53 years	95111	344	0.99638	0.00362	19.4	94939	2855791	30.03	0.48
54 years	94767	393	0.99586	0.00414	16.9	94570	2760852	29.13	0.49
55 years	94374	445	0.99529	0.00471	17.7	94152	2666282	28.25	0.51
56 years	93929	498	0.99469	0.00531	19.2	93680	2572130	27.38	0.52
57 years	93431	550	0.99411	0.00589	18.8	93155	2478450	26.53	0.53
58 years	92881	597	0.99358	0.00642	16.1	92583	2385295	25.68	0.54
59 years	92284	640	0.99306	0.00694	14.0	91964	2292712	24.84	0.55
60 years	91644	686	0.99252	0.00748	14.5	91301	2200748	24.01	0.56
61 years	90958	734	0.99193	0.00807	16.0	90590	2109447	23.19	0.58
62 years	90224	791	0.99124	0.00876	15.9	89829	2018857	22.38	0.59
63 years	89433	852	0.99047	0.00953	13.7	89007	1929028	21.57	0.60
64 years	88581	918	0.98964	0.01036	11.7	88122	1840021	20.77	0.61
65 years	87663	987	0.98874	0.01126	11.9	87170	1751899	19.98	0.63
66 years	86676	1062	0.98775	0.01225	12.9	86145	1664729	19.21	0.65
67 years	85614	1140	0.98668	0.01332	12.8	85043	1578584	18.44	0.66
68 years	84474	1218	0.98559	0.01441	11.1	83865	1493541	17.68	0.68
69 years	83256	1291	0.98449	0.01551	9.6	82611	1409676	16.93	0.70
70 years	81965	1371	0.98328	0.01672	9.7	81280	1327065	16.19	0.72
71 years	80594	1465	0.98182	0.01818	10.5	79862	1245785	15.46	0.75
72 years	79129	1581	0.98001	0.01999	10.3	78339	1165923	14.73	0.78
73 years	77548	1713	0.97791	0.02209	8.8	76691	1087584	14.02	0.81
74 years	75835	1853	0.97557	0.02443	7.9	74908	1010893	13.33	0.84
75 years	73982	2002	0.97294	0.02706	8.4	72981	935985	12.65	0.89
76 years	71980	2164	0.96993	0.03007	9.1	70899	863004	11.99	0.93
77 years	69816	2340	0.96648	0.03352	8.8	68646	792105	11.35	0.97
78 years	67476	2514	0.96274	0.03726	7.5	66219	723459	10.72	1.01
79 years	64962	2679	0.95876	0.04124	6.8	63622	657240	10.12	1.07

Table 8b. Complete life table, Manitoba, 1995-1997: 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	62283	2846	0.95430	0.04570	7.2	60860	593618	9.53	1.14
81 years	59437	3024	0.94913	0.05087	7.9	57925	532758	8.96	1.22
82 years	56413	3216	0.94299	0.05701	7.6	54805	474833	8.42	1.30
83 years	53197	3401	0.93606	0.06394	6.6	51496	420028	7.90	1.38
84 years	49796	3561	0.92849	0.07151	6.7	48016	368532	7.40	1.50
85 years	46235	3697	0.92004	0.07996	7.9	44386	320516	6.93	1.63
86 years	42538	3808	0.91048	0.08952	8.2	40634	276130	6.49	1.74
87 years	38730	3890	0.89956	0.10044	7.4	36785	235496	6.08	1.85
88 years	34840	3766	0.89190	0.10810	7.5	32957	198711	5.70	2.00
89 years	31074	3686	0.88138	0.11862	7.7	29231	165754	5.33	2.17
90 years	27388	3560	0.87002	0.12998	8.1	25607	136523	4.98	2.38
91 years	23828	3389	0.85778	0.14222	7.7	22134	110916	4.65	2.60
92 years	20439	3176	0.84463	0.15537	8.2	18851	88782	4.34	2.93
93 years	17263	2926	0.83051	0.16949	9.1	15800	69931	4.05	3.30
94 years	14337	2646	0.81540	0.18460	9.2	13014	54131	3.78	3.72
95 years	11691	2347	0.79926	0.20074	9.5	10518	41117	3.52	4.27
96 years	9344	2036	0.78207	0.21793	11.1	8325	30599	3.27	5.02
97 years	7308	1726	0.76380	0.23620	12.5	6445	22274	3.05	5.89
98 years	5582	1427	0.74442	0.25558	13.0	4868	15829	2.84	6.93
99 years	4155	1147	0.72393	0.27607	17.1	3582	10961	2.64	8.49
100 years	3008	895	0.70232	0.29768	16.0	2560	7379	2.45	9.86
101 years	2113	677	0.67959	0.32041	20.4	1774	4819	2.28	12.62
102 years	1436	495	0.65575	0.34425	25.6	1189	3045	2.12	16.05
103 years	941	347	0.63081	0.36919	31.6	767	1856	1.97	20.22
104 years	594	235	0.60479	0.39521	34.8	477	1089	1.83	25.23
105 years	359	151	0.57774	0.42226	39.7	283	612	1.70	33.90
106 years	208	94	0.54968	0.45032	64.2	161	329	1.58	50.28
107 years	114	55	0.52068	0.47932	88.4	87	168	1.47	68.69
108 years	59	30	0.49078	0.50922	..	44	81	1.37	88.47
109 years	29	16	0.46005	0.53995	..	21	37	1.27	83.53

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution; ".." indicates a cv of at least 100.0%.

Table 9a. Complete life table, Saskatchewan, 1995-1997: 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	924	0.99076	0.00924	7.2	99206	7537907	75.38	0.25
1 year	99076	76	0.99924	0.00076	23.2	99033	7438701	75.08	0.24
2 years	99000	65	0.99934	0.00066	30.2	98963	7339668	74.14	0.25
3 years	98935	59	0.99941	0.00059	26.3	98906	7240705	73.19	0.25
4 years	98876	53	0.99946	0.00055	24.4	98852	7141799	72.23	0.25
5 years	98823	44	0.99956	0.00044	38.0	98801	7042947	71.27	0.25
6 years	98779	31	0.99968	0.00032	59.1	98763	6944146	70.30	0.26
7 years	98748	22	0.99978	0.00022	74.3	98737	6845383	69.32	0.26
8 years	98726	20	0.99980	0.00020	74.1	98716	6746646	68.34	0.26
9 years	98706	20	0.99980	0.00020	70.4	98696	6647930	67.35	0.27
10 years	98686	22	0.99977	0.00023	65.9	98674	6549234	66.36	0.27
11 years	98664	22	0.99978	0.00022	63.5	98653	6450560	65.38	0.27
12 years	98642	32	0.99968	0.00032	61.5	98626	6351907	64.39	0.28
13 years	98610	40	0.99960	0.00040	46.5	98590	6253281	63.41	0.28
14 years	98570	50	0.99948	0.00052	37.8	98545	6154691	62.44	0.29
15 years	98520	64	0.99936	0.00064	37.8	98488	6056146	61.47	0.29
16 years	98456	75	0.99923	0.00077	39.1	98419	5957658	60.51	0.29
17 years	98381	86	0.99913	0.00087	37.3	98337	5859239	59.56	0.30
18 years	98295	94	0.99904	0.00096	31.8	98248	5760902	58.61	0.30
19 years	98201	103	0.99896	0.00104	27.7	98150	5662654	57.66	0.30
20 years	98098	109	0.99889	0.00111	28.9	98044	5564504	56.72	0.31
21 years	97989	115	0.99882	0.00118	32.6	97931	5466460	55.79	0.31
22 years	97874	120	0.99877	0.00123	33.8	97814	5368529	54.85	0.32
23 years	97754	124	0.99873	0.00127	30.5	97692	5270715	53.92	0.32
24 years	97630	127	0.99870	0.00130	26.8	97566	5173023	52.99	0.32
25 years	97503	129	0.99868	0.00132	27.4	97439	5075457	52.05	0.33
26 years	97374	130	0.99867	0.00133	31.4	97309	4978018	51.12	0.33
27 years	97244	130	0.99866	0.00134	33.9	97179	4880709	50.19	0.33
28 years	97114	128	0.99868	0.00132	31.8	97050	4783530	49.26	0.34
29 years	96986	124	0.99873	0.00127	28.1	96924	4686480	48.32	0.34
30 years	96862	119	0.99877	0.00123	27.4	96803	4589556	47.38	0.35
31 years	96743	116	0.99880	0.00120	30.7	96685	4492753	46.44	0.35
32 years	96627	116	0.99880	0.00120	32.8	96569	4396068	45.50	0.36
33 years	96511	119	0.99876	0.00124	29.6	96452	4299499	44.55	0.37
34 years	96392	127	0.99869	0.00131	25.4	96328	4203047	43.60	0.37
35 years	96265	134	0.99860	0.00140	25.1	96198	4106719	42.66	0.38
36 years	96131	144	0.99851	0.00149	27.2	96059	4010521	41.72	0.39
37 years	95987	153	0.99841	0.00159	27.5	95911	3914462	40.78	0.39
38 years	95834	161	0.99832	0.00168	24.4	95753	3818551	39.85	0.40
39 years	95673	170	0.99822	0.00178	21.4	95588	3722798	38.91	0.41

Table 9a. Complete life table, Saskatchewan, 1995-1997: 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	95503	180	0.99812	0.00188	22.0	95413	3627210	37.98	0.42
41 years	95323	191	0.99800	0.00200	24.4	95227	3531797	37.05	0.43
42 years	95132	203	0.99787	0.00213	24.7	95030	3436570	36.12	0.44
43 years	94929	214	0.99775	0.00225	21.9	94823	3341540	35.20	0.45
44 years	94715	224	0.99763	0.00237	19.9	94603	3246717	34.28	0.46
45 years	94491	237	0.99749	0.00251	21.3	94373	3152114	33.36	0.47
46 years	94254	254	0.99730	0.00270	23.5	94127	3057741	32.44	0.48
47 years	94000	280	0.99702	0.00298	23.0	93859	2963614	31.53	0.49
48 years	93720	316	0.99663	0.00337	19.3	93562	2869755	30.62	0.50
49 years	93404	361	0.99614	0.00386	17.1	93224	2776193	29.72	0.51
50 years	93043	410	0.99559	0.00441	18.3	92837	2682969	28.84	0.53
51 years	92633	459	0.99504	0.00496	19.9	92404	2590132	27.96	0.54
52 years	92174	504	0.99453	0.00547	19.5	91921	2497728	27.10	0.55
53 years	91670	540	0.99412	0.00588	17.0	91400	2405807	26.24	0.56
54 years	91130	567	0.99377	0.00623	15.2	90847	2314407	25.40	0.58
55 years	90563	598	0.99340	0.00660	16.1	90264	2223560	24.55	0.59
56 years	89965	637	0.99292	0.00708	17.9	89646	2133296	23.71	0.61
57 years	89328	695	0.99222	0.00778	17.6	88981	2043650	22.88	0.62
58 years	88633	772	0.99128	0.00872	14.8	88247	1954669	22.05	0.63
59 years	87861	865	0.99016	0.00984	12.5	87429	1866422	21.24	0.65
60 years	86996	965	0.98891	0.01109	12.7	86513	1778993	20.45	0.67
61 years	86031	1067	0.98759	0.01241	13.6	85498	1692480	19.67	0.69
62 years	84964	1168	0.98626	0.01374	13.3	84380	1606982	18.91	0.70
63 years	83796	1259	0.98498	0.01502	11.4	83166	1522602	18.17	0.72
64 years	82537	1344	0.98371	0.01629	9.9	81865	1439436	17.44	0.74
65 years	81193	1432	0.98237	0.01763	10.1	80477	1357571	16.72	0.76
66 years	79761	1528	0.98084	0.01916	11.0	78997	1277094	16.01	0.79
67 years	78233	1639	0.97904	0.02096	10.9	77414	1198097	15.31	0.81
68 years	76594	1761	0.97701	0.02299	9.4	75714	1120683	14.63	0.83
69 years	74833	1884	0.97482	0.02518	8.2	73890	1044969	13.96	0.86
70 years	72949	2015	0.97238	0.02762	8.5	71942	971079	13.31	0.90
71 years	70934	2153	0.96965	0.03035	9.3	69857	899137	12.68	0.94
72 years	68781	2301	0.96654	0.03346	9.1	67631	829280	12.06	0.98
73 years	66480	2455	0.96308	0.03693	7.8	65253	761649	11.46	1.01
74 years	64025	2606	0.95930	0.04070	7.0	62722	696396	10.88	1.06
75 years	61419	2753	0.95518	0.04482	7.5	60042	633674	10.32	1.12
76 years	58666	2891	0.95071	0.04929	8.2	57221	573632	9.78	1.18
77 years	55775	3019	0.94587	0.05413	8.1	54265	516411	9.26	1.24
78 years	52756	3128	0.94072	0.05928	7.0	51192	462146	8.76	1.29
79 years	49628	3212	0.93528	0.06472	6.4	48023	410954	8.28	1.38

Table 9a. Complete life table, Saskatchewan, 1995-1997: 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	46416	3275	0.92944	0.07056	7.0	44779	362931	7.82	1.49
81 years	43141	3317	0.92310	0.07690	7.8	41483	318152	7.37	1.60
82 years	39824	3339	0.91616	0.08384	7.7	38154	276669	6.95	1.70
83 years	36485	3331	0.90869	0.09131	6.8	34820	238515	6.54	1.82
84 years	33154	3291	0.90075	0.09925	7.2	31508	203695	6.14	2.00
85 years	29863	3218	0.89224	0.10776	8.6	28254	172187	5.77	2.20
86 years	26645	3116	0.88305	0.11695	9.2	25087	143933	5.40	2.38
87 years	23529	2986	0.87309	0.12691	8.7	22036	118846	5.05	2.55
88 years	20543	2897	0.85896	0.14104	8.8	19094	96810	4.71	2.80
89 years	17646	2712	0.84634	0.15366	9.1	16290	77716	4.40	3.10
90 years	14934	2497	0.83278	0.16722	9.6	13686	61426	4.11	3.46
91 years	12437	2260	0.81826	0.18174	9.5	11307	47740	3.84	3.88
92 years	10177	2008	0.80273	0.19727	11.0	9172	36433	3.58	4.48
93 years	8169	1747	0.78615	0.21385	11.5	7296	27261	3.34	5.12
94 years	6422	1487	0.76849	0.23151	12.6	5679	19965	3.11	5.97
95 years	4935	1235	0.74971	0.25029	14.2	4317	14286	2.89	7.05
96 years	3700	1000	0.72980	0.27020	15.6	3201	9969	2.69	8.40
97 years	2700	786	0.70874	0.29127	17.6	2307	6768	2.51	10.26
98 years	1914	600	0.68649	0.31351	22.1	1614	4461	2.33	12.86
99 years	1314	443	0.66307	0.33693	24.9	1092	2847	2.17	15.85
100 years	871	315	0.63847	0.36153	33.6	714	1755	2.01	20.29
101 years	556	215	0.61269	0.38731	32.9	448	1041	1.87	24.27
102 years	341	141	0.58575	0.41425	41.9	270	593	1.74	33.18
103 years	200	89	0.55768	0.44232	64.7	156	323	1.62	47.01
104 years	111	52	0.52851	0.47149	89.0	85	167	1.50	59.65
105 years	59	30	0.49828	0.50172	86.5	44	82	1.39	55.84

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution.

Table 9b. Complete life table, Saskatchewan, 1995-1997: 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	787	0.99213	0.00787	8.0	99309	8116971	81.17	0.22
1 year	99213	53	0.99946	0.00054	33.3	99182	8017662	80.81	0.22
2 years	99160	38	0.99962	0.00038	32.6	99141	7918480	79.86	0.22
3 years	99122	36	0.99964	0.00036	37.7	99107	7819339	78.89	0.22
4 years	99086	34	0.99965	0.00035	28.5	99073	7720232	77.91	0.22
5 years	99052	30	0.99970	0.00030	45.3	99037	7621159	76.94	0.23
6 years	99022	25	0.99975	0.00025	70.9	99009	7522122	75.96	0.23
7 years	98997	20	0.99980	0.00020	79.4	98987	7423113	74.98	0.23
8 years	98977	19	0.99982	0.00018	78.3	98968	7324126	74.00	0.23
9 years	98958	17	0.99983	0.00017	75.1	98950	7225158	73.01	0.24
10 years	98941	17	0.99983	0.00017	72.7	98932	7126208	72.02	0.24
11 years	98924	15	0.99984	0.00016	73.0	98917	7027276	71.04	0.24
12 years	98909	19	0.99981	0.00019	81.4	98899	6928359	70.05	0.24
13 years	98890	23	0.99977	0.00023	63.7	98878	6829460	69.06	0.25
14 years	98867	29	0.99970	0.00030	51.2	98853	6730582	68.08	0.25
15 years	98838	37	0.99963	0.00037	50.6	98819	6631729	67.10	0.25
16 years	98801	42	0.99957	0.00043	53.0	98780	6532910	66.12	0.26
17 years	98759	46	0.99953	0.00047	52.5	98736	6434130	65.15	0.26
18 years	98713	48	0.99952	0.00048	47.4	98689	6335394	64.18	0.26
19 years	98665	47	0.99952	0.00048	42.6	98642	6236705	63.21	0.27
20 years	98618	47	0.99953	0.00047	44.8	98594	6138063	62.24	0.27
21 years	98571	44	0.99954	0.00046	52.8	98549	6039469	61.27	0.27
22 years	98527	45	0.99955	0.00045	57.3	98504	5940920	60.30	0.28
23 years	98482	45	0.99954	0.00046	52.6	98460	5842416	59.32	0.28
24 years	98437	46	0.99953	0.00047	46.2	98414	5743956	58.35	0.28
25 years	98391	48	0.99952	0.00048	46.8	98366	5645542	57.38	0.29
26 years	98343	49	0.99950	0.00050	52.8	98319	5547176	56.41	0.29
27 years	98294	50	0.99950	0.00050	56.1	98269	5448857	55.43	0.30
28 years	98244	49	0.99950	0.00050	52.4	98220	5350588	54.46	0.30
29 years	98195	48	0.99951	0.00049	46.4	98171	5252368	53.49	0.31
30 years	98147	46	0.99953	0.00047	45.4	98124	5154197	52.51	0.31
31 years	98101	46	0.99953	0.00047	50.1	98078	5056073	51.54	0.32
32 years	98055	49	0.99950	0.00050	51.1	98030	4957995	50.56	0.32
33 years	98006	53	0.99945	0.00055	43.6	97980	4859965	49.59	0.33
34 years	97953	61	0.99938	0.00062	36.8	97922	4761985	48.62	0.33
35 years	97892	69	0.99930	0.00070	36.6	97858	4664063	47.64	0.34
36 years	97823	77	0.99921	0.00079	38.6	97784	4566205	46.68	0.35
37 years	97746	87	0.99911	0.00089	37.2	97703	4468421	45.71	0.35
38 years	97659	96	0.99901	0.00099	31.6	97610	4370718	44.75	0.36
39 years	97563	107	0.99891	0.00109	27.4	97510	4273108	43.80	0.36

Table 9b. Complete life table, Saskatchewan, 1995-1997: 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	97456	116	0.99880	0.00120	28.4	97398	4175598	42.85	0.37
41 years	97340	128	0.99869	0.00131	31.0	97275	4078200	41.90	0.38
42 years	97212	139	0.99857	0.00143	30.8	97143	3980925	40.95	0.39
43 years	97073	149	0.99846	0.00154	26.9	96998	3883782	40.01	0.39
44 years	96924	160	0.99835	0.00165	24.0	96844	3786784	39.07	0.40
45 years	96764	171	0.99823	0.00177	25.4	96678	3689940	38.13	0.41
46 years	96593	184	0.99810	0.00190	28.2	96501	3593262	37.20	0.42
47 years	96409	200	0.99793	0.00207	28.1	96309	3496761	36.27	0.43
48 years	96209	218	0.99773	0.00227	24.2	96100	3400452	35.34	0.43
49 years	95991	239	0.99751	0.00249	21.6	95872	3304352	34.42	0.44
50 years	95752	262	0.99726	0.00274	23.0	95620	3208480	33.51	0.45
51 years	95490	287	0.99700	0.00300	25.4	95347	3112860	32.60	0.46
52 years	95203	309	0.99675	0.00325	25.4	95048	3017513	31.70	0.47
53 years	94894	331	0.99651	0.00349	22.2	94729	2922465	30.80	0.48
54 years	94563	352	0.99629	0.00371	19.6	94386	2827736	29.90	0.49
55 years	94211	373	0.99604	0.00396	20.5	94025	2733350	29.01	0.50
56 years	93838	398	0.99575	0.00425	22.7	93639	2639325	28.13	0.51
57 years	93440	433	0.99537	0.00463	22.5	93224	2545686	27.24	0.52
58 years	93007	473	0.99491	0.00509	19.3	92770	2452462	26.37	0.53
59 years	92534	519	0.99439	0.00561	16.6	92275	2359692	25.50	0.54
60 years	92015	570	0.99381	0.00619	16.9	91730	2267417	24.64	0.56
61 years	91445	626	0.99316	0.00684	18.3	91132	2175687	23.79	0.57
62 years	90819	685	0.99246	0.00754	17.9	90476	2084555	22.95	0.58
63 years	90134	749	0.99168	0.00832	15.2	89760	1994079	22.12	0.59
64 years	89385	819	0.99084	0.00916	13.0	88975	1904319	21.30	0.60
65 years	88566	890	0.98995	0.01005	13.1	88121	1815344	20.50	0.62
66 years	87676	964	0.98900	0.01100	14.2	87194	1727223	19.70	0.64
67 years	86712	1038	0.98802	0.01198	14.1	86193	1640029	18.91	0.65
68 years	85674	1106	0.98710	0.01290	12.2	85121	1553836	18.14	0.67
69 years	84568	1164	0.98623	0.01377	10.7	83986	1468715	17.37	0.68
70 years	83404	1229	0.98526	0.01474	11.0	82789	1384729	16.60	0.71
71 years	82175	1309	0.98407	0.01593	12.0	81520	1301940	15.84	0.74
72 years	80866	1415	0.98251	0.01749	11.8	80159	1220420	15.09	0.76
73 years	79451	1542	0.98058	0.01942	10.0	78679	1140261	14.35	0.78
74 years	77909	1684	0.97839	0.02161	8.8	77067	1061582	13.63	0.81
75 years	76225	1837	0.97591	0.02409	9.1	75307	984515	12.92	0.85
76 years	74388	1996	0.97316	0.02684	9.8	73390	909208	12.22	0.90
77 years	72392	2164	0.97012	0.02988	9.5	71310	835818	11.55	0.93
78 years	70228	2318	0.96699	0.03301	8.2	69068	764508	10.89	0.97
79 years	67910	2461	0.96377	0.03623	7.4	66680	695440	10.24	1.03

Table 9b. Complete life table, Saskatchewan, 1995-1997: 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	65449	2606	0.96017	0.03983	7.9	64146	628760	9.61	1.10
81 years	62843	2772	0.95590	0.04410	8.7	61457	564614	8.98	1.17
82 years	60071	2964	0.95066	0.04934	8.4	58590	503157	8.38	1.25
83 years	57107	3161	0.94464	0.05536	7.2	55526	444567	7.78	1.33
84 years	53946	3342	0.93804	0.06196	7.4	52275	389041	7.21	1.45
85 years	50604	3514	0.93057	0.06943	8.6	48847	336766	6.65	1.60
86 years	47090	3676	0.92194	0.07806	9.0	45252	287919	6.11	1.73
87 years	43414	3827	0.91184	0.08816	8.1	41501	242667	5.59	1.88
88 years	39587	4508	0.88612	0.11388	8.4	37333	201166	5.08	2.10
89 years	35079	4552	0.87024	0.12976	8.0	32803	163833	4.67	2.29
90 years	30527	4488	0.85300	0.14700	8.0	28283	131030	4.29	2.53
91 years	26039	4310	0.83445	0.16555	8.3	23884	102747	3.95	2.83
92 years	21729	4028	0.81464	0.18536	8.0	19715	78863	3.63	3.17
93 years	17701	3652	0.79367	0.20633	9.2	15875	59148	3.34	3.67
94 years	14049	3208	0.77165	0.22835	9.6	12444	43273	3.08	4.17
95 years	10841	2724	0.74872	0.25128	10.1	9479	30829	2.84	4.81
96 years	8117	2232	0.72505	0.27495	11.2	7001	21350	2.63	5.66
97 years	5885	1761	0.70083	0.29917	12.5	5005	14349	2.44	6.69
98 years	4124	1335	0.67624	0.32376	13.7	3457	9344	2.27	7.94
99 years	2789	972	0.65151	0.34849	16.3	2303	5887	2.11	9.63
100 years	1817	678	0.62685	0.37315	17.4	1478	3584	1.97	11.47
101 years	1139	453	0.60248	0.39752	21.3	912	2106	1.85	14.41
102 years	686	289	0.57861	0.42139	22.3	542	1194	1.74	17.91
103 years	397	176	0.55546	0.44454	30.4	309	652	1.64	25.06
104 years	221	103	0.53323	0.46677	44.7	169	343	1.56	35.10
105 years	118	58	0.51211	0.48789	55.4	89	174	1.48	45.26
106 years	60	30	0.49226	0.50774	85.9	45	85	1.41	58.79

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution.

Table 10a. Complete life table, Alberta, 1995-1997: 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	666	0.99334	0.00666	5.0	99428	7576285	75.76	0.15
1 year	99334	48	0.99952	0.00048	18.7	99307	7476857	75.27	0.15
2 years	99286	37	0.99963	0.00037	20.7	99264	7377550	74.31	0.15
3 years	99249	30	0.99969	0.00031	21.0	99234	7278286	73.33	0.15
4 years	99219	26	0.99974	0.00026	25.8	99207	7179052	72.36	0.16
5 years	99193	21	0.99979	0.00021	38.3	99182	7079845	71.37	0.16
6 years	99172	17	0.99983	0.00017	52.4	99163	6980663	70.39	0.16
7 years	99155	13	0.99987	0.00014	58.1	99149	6881500	69.40	0.16
8 years	99142	12	0.99989	0.00011	63.7	99136	6782351	68.41	0.17
9 years	99130	10	0.99989	0.00011	64.7	99125	6683215	67.42	0.17
10 years	99120	13	0.99987	0.00013	58.0	99113	6584090	66.43	0.17
11 years	99107	13	0.99986	0.00014	51.8	99101	6484977	65.43	0.17
12 years	99094	21	0.99979	0.00021	46.4	99083	6385876	64.44	0.17
13 years	99073	33	0.99966	0.00034	29.1	99057	6286793	63.46	0.18
14 years	99040	51	0.99949	0.00051	23.1	99014	6187736	62.48	0.18
15 years	98989	69	0.99930	0.00070	23.1	98954	6088722	61.51	0.18
16 years	98920	88	0.99912	0.00088	23.3	98876	5989768	60.55	0.18
17 years	98832	101	0.99898	0.00102	21.9	98782	5890892	59.61	0.19
18 years	98731	111	0.99888	0.00112	18.6	98675	5792110	58.67	0.19
19 years	98620	118	0.99880	0.00120	15.8	98561	5693435	57.73	0.19
20 years	98502	124	0.99874	0.00126	16.0	98440	5594874	56.80	0.19
21 years	98378	127	0.99871	0.00129	18.2	98314	5496434	55.87	0.20
22 years	98251	128	0.99870	0.00130	19.5	98187	5398120	54.94	0.20
23 years	98123	125	0.99873	0.00127	18.5	98060	5299933	54.01	0.20
24 years	97998	117	0.99880	0.00120	16.7	97940	5201873	53.08	0.20
25 years	97881	109	0.99889	0.00111	16.8	97826	5103933	52.14	0.20
26 years	97772	101	0.99896	0.00104	19.5	97722	5006107	51.20	0.21
27 years	97671	99	0.99899	0.00101	21.4	97621	4908385	50.25	0.21
28 years	97572	102	0.99896	0.00104	19.3	97521	4810764	49.30	0.21
29 years	97470	109	0.99888	0.00112	16.3	97416	4713243	48.36	0.22
30 years	97361	117	0.99879	0.00121	15.5	97302	4615827	47.41	0.22
31 years	97244	126	0.99870	0.00130	16.7	97181	4518525	46.47	0.23
32 years	97118	133	0.99864	0.00136	17.1	97051	4421344	45.53	0.23
33 years	96985	135	0.99860	0.00140	15.5	96918	4324293	44.59	0.23
34 years	96850	138	0.99858	0.00142	13.5	96781	4227375	43.65	0.24
35 years	96712	139	0.99856	0.00144	13.5	96642	4130594	42.71	0.24
36 years	96573	142	0.99853	0.00147	15.0	96502	4033952	41.77	0.25
37 years	96431	146	0.99848	0.00152	15.6	96358	3937450	40.83	0.25
38 years	96285	155	0.99840	0.00160	13.9	96208	3841092	39.89	0.26
39 years	96130	164	0.99829	0.00171	12.2	96048	3744884	38.96	0.26

Table 10a. Complete life table, Alberta, 1995-1997: 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	95966	175	0.99818	0.00182	12.7	95879	3648836	38.02	0.27
41 years	95791	186	0.99805	0.00195	14.0	95698	3552957	37.09	0.28
42 years	95605	199	0.99792	0.00208	14.2	95506	3457259	36.16	0.28
43 years	95406	210	0.99780	0.00220	12.6	95301	3361753	35.24	0.29
44 years	95196	220	0.99768	0.00232	11.4	95086	3266452	34.31	0.30
45 years	94976	233	0.99755	0.00245	12.1	94860	3171366	33.39	0.30
46 years	94743	247	0.99739	0.00261	13.5	94619	3076506	32.47	0.31
47 years	94496	266	0.99718	0.00282	13.5	94363	2981887	31.56	0.32
48 years	94230	288	0.99694	0.00306	11.8	94086	2887524	30.64	0.33
49 years	93942	312	0.99668	0.00332	10.8	93785	2793438	29.74	0.34
50 years	93630	340	0.99638	0.00362	11.8	93460	2699653	28.83	0.35
51 years	93290	372	0.99601	0.00399	13.0	93104	2606193	27.94	0.36
52 years	92918	413	0.99556	0.00444	12.7	92712	2513089	27.05	0.37
53 years	92505	462	0.99501	0.00499	10.7	92274	2420377	26.16	0.38
54 years	92043	517	0.99438	0.00562	9.5	91785	2328103	25.29	0.39
55 years	91526	577	0.99369	0.00631	10.1	91237	2236318	24.43	0.40
56 years	90949	642	0.99295	0.00705	11.0	90628	2145081	23.59	0.41
57 years	90307	706	0.99218	0.00782	10.7	89954	2054453	22.75	0.42
58 years	89601	769	0.99142	0.00858	9.2	89216	1964499	21.93	0.43
59 years	88832	831	0.99066	0.00934	8.1	88416	1875283	21.11	0.44
60 years	88001	894	0.98983	0.01017	8.4	87555	1786867	20.30	0.46
61 years	87107	969	0.98888	0.01112	9.2	86622	1699312	19.51	0.48
62 years	86138	1055	0.98775	0.01225	9.0	85611	1612690	18.72	0.49
63 years	85083	1153	0.98645	0.01355	7.7	84506	1527079	17.95	0.50
64 years	83930	1257	0.98502	0.01498	6.7	83302	1442573	17.19	0.52
65 years	82673	1368	0.98345	0.01655	7.0	81989	1359271	16.44	0.54
66 years	81305	1490	0.98168	0.01832	7.6	80559	1277282	15.71	0.57
67 years	79815	1621	0.97969	0.02031	7.4	79005	1196723	14.99	0.59
68 years	78194	1758	0.97752	0.02248	6.3	77315	1117718	14.29	0.61
69 years	76436	1896	0.97519	0.02481	5.7	75488	1040403	13.61	0.63
70 years	74540	2040	0.97264	0.02736	6.2	73520	964915	12.94	0.67
71 years	72500	2188	0.96982	0.03018	6.8	71406	891395	12.30	0.70
72 years	70312	2342	0.96670	0.03330	6.6	69141	819989	11.66	0.73
73 years	67970	2489	0.96338	0.03662	5.7	66726	750848	11.05	0.76
74 years	65481	2626	0.95990	0.04010	5.3	64168	684122	10.45	0.80
75 years	62855	2761	0.95608	0.04392	5.8	61475	619954	9.86	0.85
76 years	60094	2900	0.95174	0.04826	6.4	58644	558479	9.29	0.90
77 years	57194	3048	0.94671	0.05329	6.3	55671	499835	8.74	0.95
78 years	54146	3188	0.94112	0.05888	5.4	52552	444164	8.20	1.00
79 years	50958	3307	0.93510	0.06490	5.1	49304	391612	7.68	1.07

Table 10a. Complete life table, Alberta, 1995-1997: 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	47651	3410	0.92843	0.07157	5.7	45946	342308	7.18	1.17
81 years	44241	3500	0.92089	0.07911	6.3	42491	296362	6.70	1.27
82 years	40741	3576	0.91225	0.08775	6.2	38953	253871	6.23	1.36
83 years	37165	3617	0.90266	0.09734	5.4	35356	214918	5.78	1.47
84 years	33548	3614	0.89228	0.10772	5.7	31741	179562	5.35	1.64
85 years	29934	3566	0.88087	0.11913	6.9	28151	147821	4.94	1.83
86 years	26368	3475	0.86823	0.13177	7.4	24631	119670	4.54	2.02
87 years	22893	3339	0.85412	0.14588	6.8	21224	95039	4.15	2.21
88 years	19554	3455	0.82334	0.17666	7.0	17826	73815	3.78	2.52
89 years	16099	3163	0.80352	0.19648	7.2	14518	55989	3.48	2.84
90 years	12936	2813	0.78252	0.21748	7.8	11529	41471	3.21	3.25
91 years	10123	2425	0.76044	0.23956	8.4	8911	29942	2.96	3.72
92 years	7698	2022	0.73738	0.26262	8.9	6687	21031	2.73	4.29
93 years	5676	1626	0.71346	0.28654	9.7	4863	14344	2.53	5.00
94 years	4050	1260	0.68883	0.31117	10.5	3419	9481	2.34	5.91
95 years	2790	939	0.66363	0.33637	12.0	2321	6062	2.17	7.17
96 years	1851	670	0.63804	0.36196	13.9	1516	3741	2.02	8.78
97 years	1181	458	0.61223	0.38777	15.8	952	2225	1.88	10.88
98 years	723	299	0.58638	0.41362	20.2	574	1273	1.76	14.06
99 years	424	186	0.56068	0.43932	25.0	331	699	1.65	17.59
100 years	238	111	0.53530	0.46470	28.3	182	368	1.55	21.14
101 years	127	62	0.51042	0.48958	34.3	96	186	1.46	25.81
102 years	65	33	0.48621	0.51379	36.4	49	90	1.38	29.17
103 years	32	17	0.46283	0.53717	39.3	23	41	1.31	34.29
104 years	15	9	0.44042	0.55958	46.9	10	18	1.24	44.51
105 years	6	3	0.41914	0.58087	79.3	5	8	1.19	63.52

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution.

Table 10b. Complete life table, Alberta, 1995-1997: 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	527	0.99473	0.00527	5.8	99536	8116954	81.17	0.14
1 year	99473	43	0.99957	0.00043	26.5	99448	8017418	80.60	0.14
2 years	99430	28	0.99972	0.00028	21.3	99415	7917970	79.63	0.14
3 years	99402	26	0.99974	0.00026	15.7	99391	7818555	78.66	0.15
4 years	99376	24	0.99976	0.00024	20.0	99367	7719164	77.68	0.15
5 years	99352	18	0.99981	0.00019	31.6	99343	7619797	76.69	0.15
6 years	99334	13	0.99988	0.00012	54.6	99328	7520454	75.71	0.15
7 years	99321	7	0.99993	0.00007	80.2	99317	7421126	74.72	0.15
8 years	99314	7	0.99993	0.00007	79.4	99311	7321809	73.72	0.16
9 years	99307	8	0.99992	0.00008	73.5	99303	7222498	72.73	0.16
10 years	99299	9	0.99990	0.00010	65.1	99295	7123195	71.73	0.16
11 years	99290	10	0.99990	0.00010	58.9	99285	7023900	70.74	0.16
12 years	99280	16	0.99985	0.00015	55.7	99272	6924615	69.75	0.16
13 years	99264	21	0.99979	0.00021	39.5	99253	6825343	68.76	0.17
14 years	99243	28	0.99971	0.00029	31.5	99230	6726090	67.77	0.17
15 years	99215	36	0.99963	0.00037	31.6	99197	6626860	66.79	0.17
16 years	99179	44	0.99957	0.00043	33.2	99157	6527663	65.82	0.17
17 years	99135	47	0.99953	0.00047	33.2	99112	6428506	64.85	0.17
18 years	99088	47	0.99952	0.00048	30.5	99064	6329394	63.88	0.18
19 years	99041	45	0.99955	0.00045	27.4	99019	6230330	62.91	0.18
20 years	98996	41	0.99958	0.00042	28.1	98976	6131311	61.93	0.18
21 years	98955	37	0.99962	0.00038	33.6	98936	6032335	60.96	0.18
22 years	98918	36	0.99964	0.00036	38.1	98900	5933399	59.98	0.19
23 years	98882	35	0.99965	0.00035	36.1	98865	5834499	59.00	0.19
24 years	98847	34	0.99965	0.00035	31.9	98829	5735634	58.03	0.19
25 years	98813	36	0.99964	0.00036	31.4	98795	5636805	57.05	0.19
26 years	98777	36	0.99963	0.00037	34.5	98760	5538010	56.07	0.20
27 years	98741	38	0.99962	0.00038	35.5	98722	5439250	55.09	0.20
28 years	98703	40	0.99959	0.00041	31.2	98683	5340528	54.11	0.20
29 years	98663	43	0.99956	0.00044	26.3	98642	5241845	53.13	0.21
30 years	98620	46	0.99953	0.00047	25.6	98596	5143203	52.15	0.21
31 years	98574	51	0.99949	0.00051	27.3	98549	5044607	51.18	0.22
32 years	98523	55	0.99944	0.00056	27.0	98495	4946058	50.20	0.22
33 years	98468	60	0.99939	0.00061	23.2	98439	4847563	49.23	0.22
34 years	98408	65	0.99934	0.00066	19.8	98375	4749124	48.26	0.23
35 years	98343	71	0.99928	0.00072	19.8	98308	4650749	47.29	0.23
36 years	98272	77	0.99921	0.00079	21.4	98233	4552441	46.32	0.24
37 years	98195	84	0.99914	0.00086	21.2	98153	4454208	45.36	0.24
38 years	98111	92	0.99907	0.00093	18.4	98065	4356055	44.40	0.25
39 years	98019	98	0.99900	0.00100	16.2	97970	4257990	43.44	0.25

Table 10b. Complete life table, Alberta, 1995-1997: 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	97921	106	0.99891	0.00109	17.0	97867	4160020	42.48	0.26
41 years	97815	115	0.99883	0.00117	18.7	97758	4062153	41.53	0.26
42 years	97700	125	0.99872	0.00128	18.6	97637	3964395	40.58	0.27
43 years	97575	135	0.99861	0.00139	16.2	97507	3866758	39.63	0.27
44 years	97440	147	0.99850	0.00150	14.4	97367	3769251	38.68	0.28
45 years	97293	158	0.99837	0.00163	15.3	97214	3671884	37.74	0.29
46 years	97135	172	0.99823	0.00177	16.9	97049	3574670	36.80	0.29
47 years	96963	188	0.99806	0.00194	16.7	96868	3477621	35.87	0.30
48 years	96775	205	0.99789	0.00211	14.5	96673	3380753	34.93	0.31
49 years	96570	222	0.99770	0.00230	13.2	96459	3284080	34.01	0.31
50 years	96348	241	0.99750	0.00250	14.4	96228	3187621	33.08	0.32
51 years	96107	263	0.99726	0.00274	15.9	95975	3091393	32.17	0.33
52 years	95844	292	0.99696	0.00304	15.5	95698	2995418	31.25	0.34
53 years	95552	326	0.99659	0.00341	13.1	95389	2899720	30.35	0.34
54 years	95226	367	0.99615	0.00385	11.5	95043	2804331	29.45	0.35
55 years	94859	410	0.99568	0.00432	12.2	94654	2709288	28.56	0.36
56 years	94449	452	0.99521	0.00479	13.4	94223	2614634	27.68	0.37
57 years	93997	492	0.99477	0.00523	13.3	93750	2520411	26.81	0.38
58 years	93505	523	0.99441	0.00559	11.6	93244	2426661	25.95	0.39
59 years	92982	548	0.99411	0.00589	10.3	92707	2333417	25.10	0.40
60 years	92434	574	0.99379	0.00621	10.8	92147	2240710	24.24	0.41
61 years	91860	609	0.99338	0.00662	12.0	91555	2148563	23.39	0.42
62 years	91251	657	0.99279	0.00721	11.9	90923	2057008	22.54	0.43
63 years	90594	723	0.99202	0.00798	10.1	90232	1966085	21.70	0.44
64 years	89871	797	0.99113	0.00887	8.8	89473	1875853	20.87	0.46
65 years	89074	881	0.99011	0.00989	9.0	88633	1786380	20.06	0.47
66 years	88193	971	0.98899	0.01101	9.8	87707	1697747	19.25	0.49
67 years	87222	1067	0.98777	0.01223	9.5	86689	1610040	18.46	0.50
68 years	86155	1164	0.98649	0.01351	8.1	85573	1523351	17.68	0.52
69 years	84991	1264	0.98513	0.01487	7.1	84359	1437778	16.92	0.54
70 years	83727	1368	0.98366	0.01634	7.4	83043	1353419	16.16	0.56
71 years	82359	1480	0.98203	0.01797	8.1	81619	1270376	15.42	0.58
72 years	80879	1602	0.98019	0.01981	7.9	80078	1188757	14.70	0.61
73 years	79277	1723	0.97826	0.02174	6.8	78416	1108679	13.98	0.63
74 years	77554	1840	0.97627	0.02373	6.2	76633	1030263	13.28	0.66
75 years	75714	1965	0.97405	0.02595	6.6	74732	953630	12.60	0.69
76 years	73749	2107	0.97143	0.02857	7.3	72695	878898	11.92	0.73
77 years	71642	2274	0.96825	0.03175	7.1	70505	806203	11.25	0.76
78 years	69368	2451	0.96467	0.03533	6.1	68142	735698	10.61	0.80
79 years	66917	2625	0.96078	0.03922	5.5	65605	667556	9.98	0.85

Table 10b. Complete life table, Alberta, 1995-1997: 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	64292	2805	0.95637	0.04363	6.0	62889	601951	9.36	0.91
81 years	61487	3001	0.95120	0.04880	6.6	59987	539062	8.77	0.98
82 years	58486	3214	0.94504	0.05496	6.3	56879	479075	8.19	1.04
83 years	55272	3425	0.93804	0.06196	5.4	53560	422196	7.64	1.11
84 years	51847	3611	0.93036	0.06964	5.6	50042	368636	7.11	1.21
85 years	48236	3773	0.92177	0.07823	6.5	46349	318594	6.60	1.33
86 years	44463	3912	0.91203	0.08797	6.8	42507	272245	6.12	1.43
87 years	40551	4018	0.90092	0.09908	6.2	38543	229738	5.67	1.54
88 years	36533	4206	0.88486	0.11514	6.2	34430	191195	5.23	1.70
89 years	32327	4164	0.87119	0.12881	6.3	30244	156765	4.85	1.87
90 years	28163	4043	0.85646	0.14354	6.5	26142	126521	4.49	2.06
91 years	24120	3843	0.84066	0.15934	6.6	22198	100379	4.16	2.30
92 years	20277	3573	0.82381	0.17619	6.8	18491	78181	3.86	2.59
93 years	16704	3242	0.80593	0.19407	7.2	15083	59690	3.57	2.95
94 years	13462	2866	0.78707	0.21293	8.1	12029	44607	3.31	3.40
95 years	10596	2466	0.76729	0.23271	8.5	9363	32578	3.07	3.90
96 years	8130	2060	0.74664	0.25336	9.3	7101	23215	2.86	4.54
97 years	6070	1668	0.72521	0.27479	9.9	5236	16114	2.65	5.36
98 years	4402	1307	0.70311	0.29689	11.9	3749	10878	2.47	6.53
99 years	3095	989	0.68042	0.31958	13.0	2600	7129	2.30	7.85
100 years	2106	722	0.65728	0.34272	15.0	1745	4529	2.15	9.80
101 years	1384	507	0.63379	0.36621	19.7	1131	2784	2.01	12.63
102 years	877	342	0.61009	0.38991	23.6	706	1653	1.88	15.65
103 years	535	221	0.58631	0.41369	28.3	425	947	1.77	19.34
104 years	314	137	0.56259	0.43741	28.3	245	522	1.66	23.60
105 years	177	82	0.53905	0.46095	35.3	136	277	1.57	33.69
106 years	95	46	0.51583	0.48417	71.8	72	141	1.48	52.46
107 years	49	25	0.49305	0.50695	54.4	37	69	1.40	56.42
108 years	24	13	0.47084	0.52916	..	18	32	1.33	93.08
109 years	11	6	0.44931	0.55069	..	8	14	1.26	93.34

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution; ".." indicates a cv of at least 100.0%.

Table 11a. Complete life table, British Columbia, 1995-1997: 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	558	0.99442	0.00558	5.0	99520	7610949	76.11	0.12
1 year	99442	33	0.99967	0.00033	22.4	99423	7511429	75.54	0.12
2 years	99409	22	0.99977	0.00023	25.1	99396	7412006	74.56	0.12
3 years	99387	16	0.99984	0.00016	23.3	99378	7312610	73.58	0.13
4 years	99371	11	0.99989	0.00011	28.5	99366	7213232	72.59	0.13
5 years	99360	10	0.99990	0.00010	49.0	99354	7113866	71.60	0.13
6 years	99350	10	0.99990	0.00010	67.7	99345	7014512	70.60	0.13
7 years	99340	10	0.99990	0.00010	61.2	99335	6915167	69.61	0.13
8 years	99330	9	0.99991	0.00009	64.7	99325	6815832	68.62	0.13
9 years	99321	9	0.99991	0.00009	64.5	99316	6716507	67.62	0.14
10 years	99312	10	0.99990	0.00010	58.7	99307	6617191	66.63	0.14
11 years	99302	10	0.99990	0.00010	54.0	99297	6517884	65.64	0.14
12 years	99292	16	0.99984	0.00016	47.9	99284	6418587	64.64	0.14
13 years	99276	26	0.99975	0.00025	30.4	99263	6319303	63.65	0.14
14 years	99250	37	0.99962	0.00038	24.4	99231	6220040	62.67	0.15
15 years	99213	52	0.99948	0.00052	24.3	99187	6120809	61.69	0.15
16 years	99161	65	0.99934	0.00066	24.1	99129	6021622	60.73	0.15
17 years	99096	78	0.99921	0.00079	22.0	99056	5922493	59.77	0.15
18 years	99018	89	0.99910	0.00090	18.0	98974	5823437	58.81	0.15
19 years	98929	101	0.99898	0.00102	15.0	98878	5724463	57.86	0.16
20 years	98828	111	0.99888	0.00112	15.2	98773	5625585	56.92	0.16
21 years	98717	119	0.99879	0.00121	16.8	98658	5526812	55.99	0.16
22 years	98598	126	0.99873	0.00127	17.3	98535	5428154	55.05	0.16
23 years	98472	127	0.99871	0.00129	15.8	98409	5329619	54.12	0.16
24 years	98345	125	0.99873	0.00127	13.8	98282	5231210	53.19	0.16
25 years	98220	122	0.99876	0.00124	13.7	98159	5132928	52.26	0.17
26 years	98098	120	0.99878	0.00122	15.4	98038	5034769	51.32	0.17
27 years	97978	120	0.99877	0.00123	16.4	97918	4936731	50.39	0.17
28 years	97858	126	0.99871	0.00129	14.6	97795	4838813	49.45	0.17
29 years	97732	134	0.99863	0.00137	12.4	97665	4741018	48.51	0.18
30 years	97598	144	0.99853	0.00147	12.0	97526	4643353	47.58	0.18
31 years	97454	151	0.99844	0.00156	13.0	97378	4545827	46.65	0.18
32 years	97303	159	0.99837	0.00163	13.4	97223	4448449	45.72	0.19
33 years	97144	164	0.99832	0.00168	12.1	97062	4351226	44.79	0.19
34 years	96980	166	0.99828	0.00172	10.6	96897	4254164	43.87	0.19
35 years	96814	169	0.99826	0.00174	10.7	96729	4157267	42.94	0.19
36 years	96645	172	0.99822	0.00178	12.0	96559	4060538	42.02	0.20
37 years	96473	178	0.99816	0.00184	12.5	96384	3963979	41.09	0.20
38 years	96295	184	0.99808	0.00192	11.2	96203	3867595	40.16	0.21
39 years	96111	194	0.99799	0.00201	9.9	96014	3771392	39.24	0.21

Table 11a. Complete life table, British Columbia, 1995-1997: 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	95917	203	0.99788	0.00212	10.1	95815	3675378	38.32	0.21
41 years	95714	213	0.99777	0.00223	11.3	95608	3579563	37.40	0.22
42 years	95501	225	0.99765	0.00235	11.5	95388	3483955	36.48	0.22
43 years	95276	235	0.99754	0.00246	10.3	95158	3388567	35.57	0.23
44 years	95041	244	0.99743	0.00257	9.1	94920	3293409	34.65	0.23
45 years	94797	255	0.99731	0.00269	9.5	94669	3198489	33.74	0.24
46 years	94542	269	0.99715	0.00285	10.5	94408	3103820	32.83	0.25
47 years	94273	288	0.99694	0.00306	10.5	94129	3009412	31.92	0.25
48 years	93985	314	0.99666	0.00334	9.1	93827	2915283	31.02	0.26
49 years	93671	343	0.99634	0.00366	8.3	93500	2821456	30.12	0.26
50 years	93328	377	0.99597	0.00403	8.9	93139	2727956	29.23	0.27
51 years	92951	412	0.99557	0.00443	9.9	92745	2634817	28.35	0.28
52 years	92539	450	0.99514	0.00486	9.7	92315	2542072	27.47	0.28
53 years	92089	489	0.99469	0.00531	8.4	91845	2449757	26.60	0.29
54 years	91600	528	0.99423	0.00577	7.5	91336	2357912	25.74	0.30
55 years	91072	572	0.99372	0.00628	8.0	90786	2266576	24.89	0.31
56 years	90500	619	0.99316	0.00684	8.8	90190	2175790	24.04	0.32
57 years	89881	674	0.99250	0.00750	8.7	89544	2085600	23.20	0.32
58 years	89207	734	0.99178	0.00822	7.5	88839	1996056	22.38	0.33
59 years	88473	795	0.99101	0.00899	6.5	88076	1907217	21.56	0.34
60 years	87678	864	0.99015	0.00985	6.8	87246	1819141	20.75	0.35
61 years	86814	939	0.98918	0.01082	7.4	86344	1731895	19.95	0.36
62 years	85875	1026	0.98806	0.01194	7.2	85362	1645551	19.16	0.37
63 years	84849	1120	0.98679	0.01321	6.1	84289	1560189	18.39	0.39
64 years	83729	1222	0.98541	0.01459	5.3	83118	1475900	17.63	0.40
65 years	82507	1328	0.98390	0.01610	5.5	81844	1392782	16.88	0.41
66 years	81179	1443	0.98223	0.01777	6.0	80457	1310938	16.15	0.43
67 years	79736	1565	0.98037	0.01963	5.8	78954	1230481	15.43	0.44
68 years	78171	1688	0.97840	0.02160	5.0	77327	1151527	14.73	0.46
69 years	76483	1813	0.97631	0.02369	4.4	75576	1074200	14.05	0.48
70 years	74670	1939	0.97403	0.02597	4.7	73701	998624	13.37	0.50
71 years	72731	2075	0.97147	0.02853	5.2	71694	924923	12.72	0.53
72 years	70656	2221	0.96857	0.03143	5.1	69546	853229	12.08	0.55
73 years	68435	2367	0.96540	0.03460	4.4	67251	783683	11.45	0.57
74 years	66068	2509	0.96203	0.03797	4.0	64814	716432	10.84	0.60
75 years	63559	2649	0.95832	0.04168	4.4	62234	651618	10.25	0.64
76 years	60910	2795	0.95411	0.04589	4.8	59513	589384	9.68	0.68
77 years	58115	2949	0.94926	0.05074	4.7	56640	529871	9.12	0.72
78 years	55166	3093	0.94393	0.05607	4.1	53619	473231	8.58	0.76
79 years	52073	3217	0.93823	0.06177	3.8	50465	419612	8.06	0.82

Table 11a. Complete life table, British Columbia, 1995-1997: 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	48856	3326	0.93191	0.06809	4.2	47193	369147	7.56	0.89
81 years	45530	3429	0.92469	0.07531	4.7	43815	321954	7.07	0.96
82 years	42101	3522	0.91634	0.08366	4.5	40340	278139	6.61	1.04
83 years	38579	3587	0.90703	0.09297	4.0	36786	237799	6.16	1.13
84 years	34992	3607	0.89691	0.10309	4.3	33188	201013	5.74	1.26
85 years	31385	3586	0.88574	0.11426	5.2	29592	167825	5.35	1.41
86 years	27799	3524	0.87326	0.12674	5.6	26037	138233	4.97	1.54
87 years	24275	3417	0.85922	0.14078	5.1	22567	112196	4.62	1.68
88 years	20858	3242	0.84459	0.15541	5.4	19237	89629	4.30	1.88
89 years	17616	3005	0.82938	0.17062	5.5	16113	70392	4.00	2.12
90 years	14611	2730	0.81317	0.18683	6.1	13246	54279	3.72	2.43
91 years	11881	2424	0.79596	0.20404	6.7	10669	41033	3.45	2.78
92 years	9457	2102	0.77774	0.22226	6.9	8406	30364	3.21	3.19
93 years	7355	1776	0.75853	0.24147	7.6	6467	21958	2.99	3.76
94 years	5579	1460	0.73836	0.26164	8.7	4849	15491	2.78	4.50
95 years	4119	1164	0.71725	0.28275	10.0	3537	10642	2.58	5.43
96 years	2955	901	0.69524	0.30476	11.6	2504	7105	2.40	6.60
97 years	2054	673	0.67239	0.32761	13.1	1718	4601	2.24	8.06
98 years	1381	485	0.64876	0.35124	16.8	1138	2883	2.09	10.12
99 years	896	337	0.62440	0.37560	18.6	728	1745	1.95	12.21
100 years	559	224	0.59939	0.40061	24.1	447	1017	1.82	15.31
101 years	335	143	0.57382	0.42618	21.9	264	570	1.70	17.69
102 years	192	87	0.54777	0.45223	34.3	149	306	1.59	25.12
103 years	105	50	0.52133	0.47867	37.7	80	157	1.49	31.14
104 years	55	28	0.49460	0.50540	60.9	41	77	1.39	42.98
105 years	27	14	0.46766	0.53234	39.5	20	36	1.31	34.24
106 years	13	7	0.44062	0.55938	51.4	10	16	1.23	45.55
107 years	6	4	0.41358	0.58642	64.3	3	6	1.16	57.75
108 years	2	1	0.38662	0.61338	76.2	2	3	1.09	65.44

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution.

Table 11b. Complete life table, British Columbia, 1995-1997: 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	483	0.99517	0.00483	5.5	99576	8191193	81.91	0.11
1 year	99517	33	0.99966	0.00034	17.0	99499	8091617	81.31	0.11
2 years	99484	18	0.99982	0.00018	27.2	99474	7992118	80.34	0.11
3 years	99466	16	0.99984	0.00016	37.0	99459	7892644	79.35	0.11
4 years	99450	15	0.99985	0.00015	32.2	99444	7793185	78.36	0.12
5 years	99435	12	0.99987	0.00013	47.6	99429	7693741	77.37	0.12
6 years	99423	12	0.99989	0.00011	64.0	99417	7594312	76.38	0.12
7 years	99411	10	0.99990	0.00010	63.5	99407	7494895	75.39	0.12
8 years	99401	9	0.99990	0.00010	58.3	99396	7395488	74.40	0.12
9 years	99392	11	0.99990	0.00010	53.3	99386	7296092	73.41	0.12
10 years	99381	12	0.99988	0.00012	50.0	99376	7196706	72.42	0.12
11 years	99369	11	0.99988	0.00012	48.4	99363	7097330	71.42	0.13
12 years	99358	16	0.99984	0.00016	50.7	99350	6997967	70.43	0.13
13 years	99342	19	0.99980	0.00020	38.4	99333	6898617	69.44	0.13
14 years	99323	25	0.99975	0.00025	30.7	99311	6799284	68.46	0.13
15 years	99298	30	0.99969	0.00031	30.6	99283	6699973	67.47	0.13
16 years	99268	36	0.99964	0.00036	32.3	99250	6600690	66.49	0.13
17 years	99232	39	0.99961	0.00039	32.3	99212	6501440	65.52	0.14
18 years	99193	39	0.99961	0.00039	29.5	99174	6402228	64.54	0.14
19 years	99154	38	0.99962	0.00038	26.4	99136	6303054	63.57	0.14
20 years	99116	35	0.99964	0.00036	26.8	99098	6203918	62.59	0.14
21 years	99081	34	0.99966	0.00034	31.4	99064	6104820	61.61	0.14
22 years	99047	33	0.99967	0.00033	34.2	99031	6005756	60.64	0.14
23 years	99014	34	0.99966	0.00034	31.0	98996	5906725	59.66	0.15
24 years	98980	36	0.99964	0.00036	26.5	98963	5807729	58.68	0.15
25 years	98944	38	0.99962	0.00038	25.7	98925	5708766	57.70	0.15
26 years	98906	40	0.99959	0.00041	27.8	98886	5609841	56.72	0.15
27 years	98866	43	0.99956	0.00044	28.1	98844	5510955	55.74	0.16
28 years	98823	46	0.99954	0.00046	24.7	98800	5412111	54.77	0.16
29 years	98777	49	0.99951	0.00049	20.9	98752	5313311	53.79	0.16
30 years	98728	51	0.99948	0.00052	20.4	98703	5214559	52.82	0.16
31 years	98677	55	0.99944	0.00056	22.2	98649	5115856	51.84	0.17
32 years	98622	58	0.99941	0.00059	22.7	98593	5017207	50.87	0.17
33 years	98564	60	0.99939	0.00061	20.4	98534	4918614	49.90	0.17
34 years	98504	61	0.99938	0.00062	17.9	98474	4820080	48.93	0.18
35 years	98443	64	0.99936	0.00064	18.1	98410	4721606	47.96	0.18
36 years	98379	66	0.99933	0.00067	20.0	98347	4623196	46.99	0.18
37 years	98313	71	0.99928	0.00072	20.1	98277	4524849	46.02	0.19
38 years	98242	79	0.99920	0.00080	17.1	98202	4426572	45.06	0.19
39 years	98163	87	0.99911	0.00089	14.7	98120	4328370	44.09	0.19

Table 11b. Complete life table, British Columbia, 1995-1997: 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	98076	98	0.99900	0.00100	15.0	98026	4230250	43.13	0.20
41 years	97978	109	0.99889	0.00111	16.2	97923	4132224	42.18	0.20
42 years	97869	120	0.99878	0.00122	16.0	97809	4034301	41.22	0.20
43 years	97749	128	0.99868	0.00132	13.9	97686	3936492	40.27	0.21
44 years	97621	138	0.99859	0.00141	12.2	97551	3838806	39.32	0.21
45 years	97483	148	0.99849	0.00151	12.7	97409	3741255	38.38	0.22
46 years	97335	159	0.99837	0.00163	14.0	97256	3643846	37.44	0.22
47 years	97176	172	0.99823	0.00177	13.9	97090	3546590	36.50	0.23
48 years	97004	187	0.99807	0.00193	12.1	96910	3449500	35.56	0.23
49 years	96817	204	0.99790	0.00210	11.0	96715	3352590	34.63	0.24
50 years	96613	222	0.99770	0.00230	12.0	96503	3255875	33.70	0.25
51 years	96391	243	0.99748	0.00252	13.2	96269	3159372	32.78	0.25
52 years	96148	268	0.99721	0.00279	12.9	96015	3063103	31.86	0.26
53 years	95880	298	0.99689	0.00311	10.9	95731	2967088	30.95	0.26
54 years	95582	333	0.99652	0.00348	9.6	95415	2871357	30.04	0.27
55 years	95249	369	0.99612	0.00388	10.2	95065	2775942	29.14	0.28
56 years	94880	406	0.99572	0.00428	11.1	94677	2680877	28.26	0.28
57 years	94474	442	0.99532	0.00468	11.1	94253	2586200	27.37	0.29
58 years	94032	473	0.99498	0.00502	9.7	93795	2491947	26.50	0.30
59 years	93559	498	0.99468	0.00532	8.6	93311	2398152	25.63	0.30
60 years	93061	526	0.99435	0.00565	9.0	92798	2304841	24.77	0.31
61 years	92535	562	0.99393	0.00607	9.9	92254	2212043	23.90	0.32
62 years	91973	612	0.99335	0.00665	9.8	91668	2119789	23.05	0.33
63 years	91361	678	0.99258	0.00742	8.3	91022	2028121	22.20	0.34
64 years	90683	755	0.99167	0.00833	7.0	90305	1937099	21.36	0.35
65 years	89928	841	0.99065	0.00935	7.1	89507	1846794	20.54	0.36
66 years	89087	929	0.98957	0.01043	7.7	88623	1757287	19.73	0.37
67 years	88158	1017	0.98846	0.01154	7.5	87649	1668664	18.93	0.38
68 years	87141	1096	0.98743	0.01257	6.5	86593	1581015	18.14	0.39
69 years	86045	1166	0.98644	0.01356	5.7	85462	1494422	17.37	0.41
70 years	84879	1243	0.98536	0.01464	5.8	84258	1408960	16.60	0.42
71 years	83636	1337	0.98402	0.01598	6.4	82967	1324702	15.84	0.44
72 years	82299	1458	0.98228	0.01772	6.2	81570	1241735	15.09	0.46
73 years	80841	1603	0.98017	0.01983	5.2	80040	1160165	14.35	0.48
74 years	79238	1760	0.97779	0.02221	4.7	78357	1080125	13.63	0.50
75 years	77478	1929	0.97510	0.02490	5.0	76514	1001768	12.93	0.53
76 years	75549	2112	0.97205	0.02795	5.4	74493	925254	12.25	0.56
77 years	73437	2306	0.96859	0.03141	5.2	72284	850761	11.58	0.58
78 years	71131	2498	0.96489	0.03511	4.4	69882	778477	10.94	0.61
79 years	68633	2679	0.96096	0.03904	4.0	67293	708595	10.32	0.65

Table 11b. Complete life table, British Columbia, 1995-1997: 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	65954	2864	0.95659	0.04341	4.4	64522	641302	9.72	0.70
81 years	63090	3058	0.95152	0.04848	4.8	61562	576780	9.14	0.75
82 years	60032	3270	0.94553	0.05447	4.6	58396	515218	8.58	0.80
83 years	56762	3476	0.93877	0.06123	4.0	55024	456822	8.05	0.85
84 years	53286	3655	0.93140	0.06860	4.1	51459	401798	7.54	0.93
85 years	49631	3812	0.92319	0.07681	4.9	47725	350339	7.06	1.02
86 years	45819	3945	0.91390	0.08610	5.1	43846	302614	6.60	1.09
87 years	41874	4050	0.90328	0.09672	4.7	39849	258768	6.18	1.17
88 years	37824	3930	0.89611	0.10389	4.8	35859	218919	5.79	1.27
89 years	33894	3888	0.88529	0.11471	4.7	31951	183060	5.40	1.39
90 years	30006	3793	0.87359	0.12641	5.1	28109	151109	5.04	1.55
91 years	26213	3645	0.86095	0.13905	5.2	24391	123000	4.69	1.71
92 years	22568	3445	0.84735	0.15265	5.6	20846	98609	4.37	1.92
93 years	19123	3198	0.83275	0.16725	5.7	17524	77763	4.07	2.16
94 years	15925	2912	0.81712	0.18288	6.3	14469	60239	3.78	2.48
95 years	13013	2597	0.80043	0.19957	6.7	11714	45770	3.52	2.84
96 years	10416	2264	0.78267	0.21733	7.3	9284	34056	3.27	3.29
97 years	8152	1925	0.76383	0.23617	8.1	7189	24772	3.04	3.86
98 years	6227	1595	0.74389	0.25611	8.9	5430	17583	2.82	4.56
99 years	4632	1284	0.72286	0.27714	10.2	3990	12153	2.62	5.51
100 years	3348	1002	0.70075	0.29925	11.6	2847	8163	2.44	6.70
101 years	2346	756	0.67757	0.32243	14.0	1968	5316	2.27	8.32
102 years	1590	551	0.65337	0.34663	16.2	1315	3348	2.11	10.29
103 years	1039	387	0.62816	0.37184	20.0	845	2033	1.96	13.08
104 years	652	259	0.60200	0.39800	24.5	523	1188	1.82	16.53
105 years	393	167	0.57494	0.42506	30.1	309	665	1.69	20.73
106 years	226	102	0.54705	0.45295	34.2	175	356	1.58	25.31
107 years	124	60	0.51838	0.48162	37.6	94	181	1.47	32.04
108 years	64	33	0.48903	0.51097	60.6	47	87	1.36	46.19
109 years	31	17	0.45906	0.54094	67.8	23	40	1.27	50.50

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution.

Table 12a. Abridged life table, Prince Edward Island, 1995-1997: 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	378	0.99622	0.00378	54.7	99665	7453522	74.54	0.73
1-4 years	99622	138	0.99861	0.00139	86.5	398211	7353857	73.82	0.70
5-9 years	99484	33	0.99967	0.00033	..	497335	6955646	69.92	0.73
10-14 years	99451	64	0.99936	0.00064	..	497211	6458311	64.94	0.79
15-19 years	99387	601	0.99395	0.00605	39.6	495487	5961100	59.98	0.85
20-24 years	98786	333	0.99663	0.00337	54.7	493090	5465613	55.33	0.89
25-29 years	98453	565	0.99426	0.00574	43.2	490924	4972523	50.51	0.96
30-34 years	97888	676	0.99310	0.00690	36.8	487834	4481599	45.78	1.03
35-39 years	97212	969	0.99003	0.00997	30.5	483719	3993765	41.08	1.13
40-44 years	96243	1057	0.98901	0.01099	29.5	478687	3510046	36.47	1.24
45-49 years	95186	1511	0.98412	0.01588	25.1	472467	3031359	31.85	1.39
50-54 years	93675	2575	0.97252	0.02748	21.9	462433	2558892	27.32	1.59
55-59 years	91100	3891	0.95728	0.04272	18.9	446690	2096459	23.01	1.82
60-64 years	87209	6982	0.91994	0.08006	14.2	419934	1649769	18.92	2.10
65-69 years	80227	10346	0.87104	0.12896	11.7	376481	1229835	15.33	2.42
70-74 years	69881	12800	0.81684	0.18316	10.1	318624	853354	12.21	2.80
75-79 years	57081	16196	0.71626	0.28374	8.7	245654	534730	9.37	3.43
80-84 years	40885	16339	0.60036	0.39964	7.9	163063	289076	7.07	4.28
85-89 years	24546	13731	0.44059	0.55941	7.5	86661	126013	5.13	5.88
90-94 years	10815	7985	0.26166	0.73834	8.8	31757	39352	3.64	9.74
95-99 years	2830	2437	0.13888	0.86112	10.5	6690	7595	2.68	16.13
100+ years	393	393	0.00000	1.00000	0.0	905	905	2.30	0.00

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution; ".." indicates a cv of at least 100.0%.

Table 12b. Abridged life table, Prince Edward Island, 1995-1997: 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	519	0.99481	0.00519	47.9	99539	8146575	81.47	0.67
1-4 years	99481	112	0.99887	0.00113	99.9	397699	8047036	80.89	0.63
5-9 years	99369	34	0.99966	0.00034	..	496759	7649337	76.98	0.65
10-14 years	99335	99	0.99901	0.00099	100.0	496450	7152578	72.00	0.69
15-19 years	99236	134	0.99864	0.00136	86.5	495877	6656128	67.07	0.74
20-24 years	99102	248	0.99750	0.00250	65.4	494868	6160251	62.16	0.79
25-29 years	98854	36	0.99963	0.00037	..	494178	5665383	57.31	0.84
30-34 years	98818	245	0.99752	0.00248	61.2	493512	5171205	52.33	0.92
35-39 years	98573	209	0.99788	0.00212	65.4	492391	4677693	47.45	1.00
40-44 years	98364	488	0.99504	0.00496	44.6	490672	4185302	42.55	1.11
45-49 years	97876	552	0.99436	0.00564	41.9	488238	3694630	37.75	1.24
50-54 years	97324	1619	0.98336	0.01664	28.6	483084	3206392	32.95	1.40
55-59 years	95705	3004	0.96861	0.03139	22.4	471490	2723308	28.46	1.56
60-64 years	92701	3907	0.95786	0.04214	19.8	454176	2251818	24.29	1.71
65-69 years	88794	5117	0.94238	0.05762	17.8	432038	1797642	20.25	1.91
70-74 years	83677	8036	0.90396	0.09604	13.7	399383	1365604	16.32	2.18
75-79 years	75641	10334	0.86338	0.13662	11.8	354179	966221	12.77	2.54
80-84 years	65307	16723	0.74394	0.25606	8.8	287004	612042	9.37	3.24
85-89 years	48584	21255	0.56250	0.43750	7.3	189652	325038	6.69	4.48
90-94 years	27329	16094	0.41111	0.58889	7.9	93686	135386	4.95	6.47
95-99 years	11235	8180	0.27188	0.72812	9.1	33332	41700	3.71	9.33
100+ years	3055	3055	0.00000	1.00000	0.0	8368	8368	2.74	0.00

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution; ".." indicates a cv of at least 100.0%.

Table 13a. Abridged life table, Yukon, Northwest Territories and Nunavut, 1995-1997: 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	1069	0.98931	0.01069	29.5	99086	7177851	71.78	1.24
1-4 years	98931	247	0.99750	0.00250	61.2	395231	7078765	71.55	1.21
5-9 years	98684	255	0.99741	0.00259	61.2	492783	6683534	67.73	1.27
10-14 years	98429	359	0.99636	0.00364	54.7	491396	6190751	62.90	1.37
15-19 years	98070	967	0.99013	0.00987	35.2	488152	5699355	58.12	1.47
20-24 years	97103	1410	0.98549	0.01451	29.5	482019	5211203	53.67	1.56
25-29 years	95693	1107	0.98843	0.01157	30.4	475580	4729184	49.42	1.66
30-34 years	94586	834	0.99117	0.00883	33.2	470865	4253604	44.97	1.81
35-39 years	93752	1205	0.98715	0.01285	28.3	465812	3782739	40.35	2.01
40-44 years	92547	1145	0.98763	0.01237	30.9	460016	3316927	35.84	2.26
45-49 years	91402	1886	0.97936	0.02064	25.8	452614	2856911	31.26	2.59
50-54 years	89516	2676	0.97010	0.02990	25.7	441366	2404297	26.86	3.02
55-59 years	86840	4174	0.95193	0.04807	24.4	424592	1962931	22.60	3.59
60-64 years	82666	6652	0.91953	0.08047	22.0	398070	1538339	18.61	4.36
65-69 years	76014	10757	0.85849	0.14151	18.9	354734	1140269	15.00	5.44
70-74 years	65257	14124	0.78357	0.21643	18.7	291787	785535	12.04	6.95
75-79 years	51133	14648	0.71353	0.28647	19.2	219412	493748	9.66	8.93
80-84 years	36485	15883	0.56468	0.43532	18.8	141794	274336	7.52	12.35
85-89 years	20602	10205	0.50463	0.49537	20.0	75150	132542	6.43	15.79
90-94 years	10397	4619	0.55576	0.44424	45.7	39202	57392	5.52	22.78
95-99 years	5778	4280	0.25924	0.74076	36.0	16692	18190	3.15	29.65
100+ years	1498	1498	0.00000	1.00000	0.0	1498	1498	1.00	0.00

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution.

Table 13b. Abridged life table, Yukon, Northwest Territories and Nunavut, 1995-1997: 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	1130	0.98870	0.01130	30.0	99012	7748981	77.49	1.41
1-4 years	98870	229	0.99769	0.00231	65.4	395021	7649969	77.37	1.39
5-9 years	98641	169	0.99828	0.00172	77.4	492781	7254948	73.55	1.46
10-14 years	98472	197	0.99801	0.00199	77.4	491960	6762167	68.67	1.56
15-19 years	98275	617	0.99372	0.00628	46.1	489839	6270207	63.80	1.67
20-24 years	97658	219	0.99776	0.00224	77.4	487690	5780368	59.19	1.79
25-29 years	97439	358	0.99632	0.00368	54.7	486320	5292678	54.32	1.95
30-34 years	97081	304	0.99687	0.00313	57.6	484686	4806358	49.51	2.13
35-39 years	96777	552	0.99429	0.00571	44.6	482590	4321672	44.66	2.36
40-44 years	96225	712	0.99260	0.00740	43.1	479435	3839082	39.90	2.65
45-49 years	95513	995	0.98959	0.01041	39.5	475450	3359647	35.17	3.00
50-54 years	94518	2497	0.97358	0.02642	31.2	466823	2884197	30.51	3.47
55-59 years	92021	3272	0.96445	0.03555	31.6	452697	2417374	26.27	4.04
60-64 years	88749	6201	0.93013	0.06987	26.4	428983	1964677	22.14	4.79
65-69 years	82548	6815	0.91744	0.08256	29.3	397109	1535694	18.60	5.70
70-74 years	75733	12945	0.82907	0.17093	23.5	347424	1138585	15.03	7.05
75-79 years	62788	12196	0.80575	0.19425	27.5	283179	791161	12.60	8.32
80-84 years	50592	11656	0.76960	0.23040	28.7	224357	507982	10.04	9.97
85-89 years	38936	14782	0.62035	0.37965	26.3	157862	283625	7.28	13.62
90-94 years	24154	12327	0.48966	0.51034	31.3	88848	125763	5.21	19.46
95-99 years	11827	9478	0.19864	0.80136	24.4	31276	36915	3.12	30.71
100+ years	2349	2349	0.00000	1.00000	0.0	5639	5639	2.40	0.00

Note: Estimates with a coefficient of variation (cv) greater than 33.3% are to be used with great caution.

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 1935 who died at age 60 in June 1995: 1935 + 60 = 1995.

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 1935 who died at age 60 in January 1996: 1935 + 60 = 1996 - 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 1995-1997 period.

Tables A1 and A2 present a list of the separation factors at ages 0 to 4 years used in the calculation of the 1995-1997 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 1-4 years. Furthermore, as explained in Section 2.2, regional separation factors were calculated for the 1995-1997 tables (the 1990-1992 tables used provincial separation factors). In addition, these separation factors exclude areas with small counts (PEI and the territories) for the detailed life tables, but include them for the abridged life tables.

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 -- excludes PEI (Nfld, NB, NS)	0.11792	0.36842	0.55556	0.66667	0.37500	0.12155	0.50000	0.55556	0.28571	0.54545
Quebec	0.10512	0.43137	0.40909	0.40426	0.37838	0.09790	0.56000	0.45455	0.37037	0.46875
Ontario	0.10833	0.42553	0.50704	0.52542	0.42857	0.12202	0.48571	0.50909	0.46667	0.52273
Western (Man., Sask., Alta., BC)	0.14092	0.43333	0.43478	0.51111	0.54545	0.12134	0.41860	0.51163	0.56818	0.61111
Canada	0.12058	0.42578	0.46193	0.49068	0.45113	0.11765	0.47111	0.50000	0.47273	0.53968

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 (Nfld, PEI, NB, NS)	0.11261	0.43478	0.11340	0.47727
Quebec[1]	0.10512	0.40782	0.09790	0.47887
Ontario[1]	0.10833	0.46992	0.12202	0.49749
Western & Northern (Man., Sask., Alta., BC, Yukon, NWT, Nunavut)	0.14521	0.47266	0.12552	0.50000

[1] Separation factors for Quebec and Ontario are provided for information purposes only; no abridged life tables were produced 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 1995-1997, E_x and E_{x+1}, were then calculated as follows. For example, as of January 1, 1995, there was an estimated population of 186,608 females in Canada age 0 years (i.e. they were born in 1994 and they survived past the end of December 31, 1994). This count is derived from the 1994 count of live births, from which is subtracted the deaths and emigrations and to which is added the immigrations for this birth cohort. Thus $P_0^{1995} = 186{,}608$.

Then, given that there were 22 females in Canada who were born in 1994 but who died in 1995 before they reached their first birthday, that is ${}_{\delta}D_0^{1995} = 22$, we can use Equation (48) to get:

$$E_1^{1995} = P_0^{1995} - {}_{\delta}D_0^{1995}$$
$$= 186{,}608 - 22$$
$$= 186{,}586$$

as the estimated number of females who attained age 1 in 1995.

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

For the 1990-1992 life tables, the approach was taken to start with actual birth counts for the E_0^z, and then, with death counts, estimate the needed P_x^zs and subsequent E_x^zs. Appendix 2 of that publication shows how this was done[3]. But that approach did not take migration into account, and the result was that each year's births died off in succeeding years, e.g.:

$$E_0^{1994} \geq P_0^{1995} \geq P_1^{1996} \geq P_2^{1997} \geq \ldots \text{ (etc.)}$$

But actual January 1 population estimates showed instead that

$$P_0^{1995} < P_1^{1996} < P_2^{1997} < \ldots \text{ (etc.)}$$

Moreover, the Statistics Canada series of January 1 population estimates account for migration.[1]

Therefore, for the 1995-1997 life tables, the observed P_x^z, ${}_{\alpha}D_x^z$ and ${}_{\delta}D_x^z$ were used, and then E_x^z were estimated from these.

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 (1995-1997) are desired, the following are first defined:

E_x the number of persons who attained age x during the period 1995-1997,

E_{x+1} the number of persons who attained age x+1 during the period 1995-1997,

P_x' the number of persons who attained age x during the period 1995-1997 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 1995-1997.

It then follows that

$$(49)\quad E_x = \sum_{z=1995}^{1997} E_x^z = \sum_{z=1995}^{1997} (P_x^{z+1} + {}_{\alpha}D_x^z)$$

$$(50)\quad E_{x+1} = \sum_{z=1995}^{1997} E_{x+1}^z = \sum_{z=1995}^{1997} (P_x^z - {}_{\delta}D_x^z)$$

$$(51)\quad P_x' = \sum_{z=1995}^{1997} P_x^{z+1}$$

$$(52)\quad P_x'' = \sum_{z=1995}^{1997} P_x^z$$

In the above equations, E_x^z is defined for x = 0 to 4 and z = 1995 to 1997. Variance estimation followed that used for other age groups:

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

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.