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Mortality, Summary List of Causes

2003



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Statistics Canada
Health Statistics Division

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Note of appreciation

Canada owes the success of its statistical system to a long standing partnership between Statistics Canada, the citizens of Canada, its businesses, governments and other institutions. Accurate and timely statistical information could not be produced without their continued cooperation and goodwill.

User information

Symbols

The following standard symbols are used in Statistics Canada publications:

- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- 0 true zero or a value rounded to zero
- 0^s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- p preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- E use with caution
- F too unreliable to be published

Acknowledgements

The cooperation of provincial and territorial Vital Statistics registries who supply the mortality data in this report to Statistics Canada is gratefully acknowledged.

Introduction

This publication contains statistical tables showing the number of deaths by age, sex and grouped underlying cause for Canada, the provinces and territories. Also included are age-specific and age-standardized mortality rates by grouped underlying cause of death.

Content note

Underlying cause of death is classified to the Tenth Revision of the International Classification of Diseases (ICD-10) from 2000 to the present. Underlying cause of death was classified to the Ninth Revision of the International Classification of Diseases (ICD-9) from 1979 to 1999.

History note

Starting with the data year 2000 issue, this publication replaces the shelf tables **Mortality, summary list of causes**, catalogue no. 84F0209X (published in paper format for data years 1997 to 1999) and catalogue no. 84F0209X (published in PDF format for data year 1997 only). The shelf tables replaced the publication **Mortality – Summary list of causes**, catalogue no. 84-209-X.

Publication, data year 2003 issue

This issue of the annual HTML/PDF publication contains tables for data year 2003 with the corresponding highlights and analysis.

CANSIM data for 2000 to 2003, available with the first issue of this publication

Free access to the 2000 to 2003 data is provided through a special CANSIM interface. The CANSIM tables can be linked directly from three different locations in the HTML product:

Tables section:

- Related CANSIM tables
- Individual tables, in the Source

Related products section:

- Selected CANSIM tables from Statistics Canada

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Highlights

- Life expectancy at birth for both men and women reached a record high in 2003, according to new mortality data.
- The number of deaths has been on an upward trend for a number of years, the result of a growing and aging population. In 2003, a total of 226,169 people died in Canada, up 1.2% from 223,603 the year before. In the same period, Canada's population grew by 1.0%.
- To control for the impact of population aging on death rates, comparisons over time are made using the "age-standardized mortality rate." The age-standardized mortality rate for both sexes fell in 2003 to 586.9 deaths per 100,000, from 598.2 in 2002. This rate has been dropping consistently each year since its last peak of 694.9 in 1993.
- Life expectancy at the age of 65, which refers to the number of years on average that a person aged 65 could expect to live, improved for both men and women in 2003.
- The infant mortality rate, which represents the number of deaths of infants less than one year of age, declined to 5.3 deaths per 1,000 live births from 5.4 deaths in 2002.
- In the last quarter century, the leading causes of death in Canada have been diseases of the circulatory system and malignant neoplasms, or cancer.
- In 2003, diseases of circulatory system and cancer combined caused six deaths out of 10 (62.0%).
- Over 55% of all cancer deaths in 2003 are located in one of five sites: lung, colorectal, female breast, male prostate and pancreas.
- Lung cancer accounted for 26.3% of all cancer deaths in 2003, the largest proportion for any cancer site. The number of deaths due to lung cancer rose to 17,374 in 2003, up 1.1% from 2002.
- The age-standardized mortality rate for lung cancer, which eliminates the impact of an aging population, fell for both sexes combined in 2003 to 47.0 deaths per 100,000, from 47.8 a year earlier.
- Canada experienced two important infectious disease outbreaks in 2003. The national mortality data show 511 deaths due to *Clostridium difficile* (*C. difficile*) infection and 30 deaths due to Sudden Acute Respiratory Syndrome (SARS) of Canadians in 2003. All SARS deaths occurred in Ontario.

Analysis

Life expectancy at birth for both men and women reached a record high in 2003, according to new mortality data.

Combined, life expectancy at birth/ for men and women went up from 79.7 years in 2002 to an all-time high of 79.9 years.

Both sexes contributed to this gain. Life expectancy at birth for women in 2003 rose 0.3 years from the previous year, putting their life expectancy at an unprecedented high of 82.4 years.

Life expectancy at birth for men in 2003 also rose to a record high of 77.4, up 0.2 years from the previous year. This increase was slightly lower than the increase for women.

As a result, the gap between male and female life expectancy widened very slightly in 2003 to 5.0 years from 4.9 years in 2002.

The widest gap between male and female life expectancy in the last quarter century was in 1979, at 7.4 years. From 1979 to 2003, the gap narrowed as life expectancy for men improved by 6.0 years, whereas life expectancy for women advanced 3.6 years.

Over this 24-year period, men gained on average one year of life expectancy every four calendar years, while women gained on average one year of life expectancy every 6.7 calendar years.

Provincially, life expectancy in 2003 for both sexes combined was highest in British Columbia and Ontario.

Number of deaths on rise as population ages

The number of deaths has been on an upward trend for a number of years, the result of a growing and aging population. In 2003, a total of 226,169 people died in Canada, up 1.2% from 223,603 the year before. In the same period, Canada's population grew by 1.0%.

The number of deaths rose in every province and territory, except for Prince Edward Island, Quebec and the Yukon, where the number of deaths declined.

Decline in age-standardized mortality rate

To control for the impact of population aging on death rates, comparisons over time are made using the "age-standardized mortality rate." The age-standardized mortality rate for both sexes fell in 2003 to 586.9 deaths per 100,000, from 598.2 in 2002. This rate has been dropping consistently each year since its last peak of 694.9 in 1993.

The age-standardized mortality rate continued its downward trend for men in 2003, reaching 733.4 deaths per 100,000 population from 747.8 deaths in 2002. This was down from the most recent peak of 902.1 in 1993.

The age-standardized mortality rate for women also fell to 475.4 deaths per 100,000 population after rising to 485.7 in 2002. That increase had been the first in nine years.

Improvement in life expectancy for seniors

Life expectancy at the age of 65, which refers to the number of years on average that a person aged 65 could expect to live, improved for both men and women in 2003.

Men aged 65 in 2003 could anticipate living on average an additional 17.4 years, while women could expect an additional 20.8 years.

In 2002, the comparable figures were 17.2 years for men and 20.6 for women. The gap between the two sexes remained the same at 3.4 years.

Infant mortality rate down slightly

The infant mortality rate, which represents the number of deaths of infants less than one year of age, declined to 5.3 deaths per 1,000 live births from 5.4 deaths in 2002.

The decrease in the infant mortality rate was due to a reduction in both the number of deaths and the mortality rate of infants age 7 to 364 days. The number of these deaths dropped 4.0% in 2003, from 696 in 2002 to 668. Their mortality rate dropped from 2.1 deaths per 1,000 births to 2.0.

The mortality rates for infants under 1 day old and for infants age 1 to 6 days old stayed the same as in 2002, at 2.5 and 0.7 deaths per 1,000 births respectively.

In 2003, the male infant mortality rate was 5.7 deaths per 1,000, while for females the rate was 4.8. Both rates declined by a slight 0.1 years from 2002.

The number of infant deaths remained virtually unchanged: 1,765 in 2003 compared with 1,762 in 2002. In comparison, the number of live births in 2003 jumped 1.9% from 2002.

The infant mortality rate was higher than the national rate in the three Prairie provinces – Manitoba, Saskatchewan and Alberta – and in the three territories. Alberta's infant mortality rate showed a substantial decrease in 2003 to 6.6 infant deaths per 1,000 live births compared with 7.3 infant deaths in 2002.

Six in 10 deaths due to diseases of circulatory system, cancer

In the last quarter century, the leading causes of death in Canada have been diseases of the circulatory system and malignant neoplasms, or cancer.

In 2003, diseases of circulatory system and cancer combined caused six deaths out of 10 (62.0%).

Deaths due to diseases of the circulatory system amounted to nearly 1 in 3 deaths (32.8%) in 2003. However, this group of causes was responsible for nearly 1 in 2 (47.3%) deaths in 1979.

Cancer caused 65,990 deaths in 2003, a 1.4% increase from 2002. Since 1979, the proportion of deaths due to cancer has increased from 22.9% to 29.2% in 2003.

Both diseases of the circulatory system and cancer deaths become more common as people get older, and Canada's population is aging. Age-standardized rates eliminate the effect of population aging on mortality trends.

The age-standardized mortality rate for diseases of the circulatory system dropped substantially in the last quarter century, from 408.8 deaths per 100,000 population in 1979 to 185.9 deaths in 2003.

In the same period, the age-standardized mortality rate for cancers decreased much more slowly, down to 175.6 deaths per 100,000 in 2003, from 187.8 deaths in 1979.

Cancer deaths mainly in five sites

Over 55% of all cancer deaths in 2003 are located in one of five sites: lung, colorectal, female breast, male prostate and pancreas.

Lung cancer accounted for 26.3% of all cancer deaths in 2003, the largest proportion for any cancer site. The number of deaths due to lung cancer rose to 17,374 in 2003, up 1.1% from 2002.

The age-standardized mortality rate for lung cancer, which eliminates the impact of an aging population, fell for both sexes combined in 2003 to 47.0 deaths per 100,000, from 47.8 a year earlier.

For men, the lung cancer age-standardized mortality rate dropped to 65.1 deaths per 100,000 from 65.6 in 2002. Men's lung cancer mortality rate peaked in the late 1980s, at 81.3 deaths per 100,000 in 1988. The age-standardized mortality rates for colorectal cancer and prostate cancer also decreased for men in 2003, to 23.0 and 22.8 deaths per 100,000 respectively. Both rates had peaked in 1995.

In the last quarter century, women's lung cancer mortality rate has more than doubled, from 16.3 deaths in 1979 to 35.4 deaths per 100,000 in 2003. In contrast, death rates for colorectal cancer and for female breast cancer dropped in 2003 for women, to 14.6 and 24.1 deaths per 100,000 respectively, continuing the downward trend that started in the mid-1980s.

Deaths from pancreatic cancer jumped 7.5% in 2003 to 3,411 for both sexes combined. Changes in the age-standardized rate for this cancer site increased only marginally in 2003, to 9.1 deaths per 100,000 from 8.7 in 2002. The mortality rate for men was 10.3 deaths per 100,000 and the rate for women was 8.1, both up very slightly from 2002.

Infectious disease outbreaks in 2003

Canada experienced two important infectious disease outbreaks in 2003. The national mortality data show 511 deaths due to *Clostridium difficile* (*C. difficile*) infection and 30 deaths due to Sudden Acute Respiratory Syndrome (SARS) of Canadians in 2003. All SARS deaths occurred in Ontario.

Because SARS was a new disease, no trend information is available. For *C. difficile* infection, there was an increase in 2003 of 67.5% in deaths due to this condition compared with 2002.

Almost all of the increase was in Quebec, where the number of deaths due to this infection rose to 355 in 2003, more than double the number that occurred in 2002.

Related products

Selected publications from Statistics Canada

82-221-X	Health indicators
84-208-X	Causes of death
84-548-X	Comparability of ICD-10 and ICD-9 for Mortality Statistics in Canada
84F0211X	Deaths

Selected CANSIM tables from Statistics Canada

102-0521	Deaths, by cause, Chapter I: Certain infectious and parasitic diseases (A00-B99), age group and sex, Canada
102-0522	Deaths, by cause, Chapter II: Neoplasms (C00-D48), age group and sex, Canada
102-0523	Deaths, by cause, Chapter III: Diseases of blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89), age group and sex, Canada
102-0524	Deaths, by cause, Chapter IV: Endocrine, nutritional and metabolic diseases (E00-E90), age group and sex, Canada
102-0525	Deaths, by cause, Chapter V: Mental and behavioural disorders (F00-F99), age group and sex, Canada
102-0526	Deaths, by cause, Chapter VI: Diseases of the nervous system (G00-G99), age group and sex, Canada
102-0527	Deaths, by cause, Chapter VII: Diseases of the eye and adnexa (H00-H59), age group and sex, Canada
102-0528	Deaths, by cause, Chapter VIII: Diseases of the ear and mastoid process (H60-H95), age group and sex, Canada
102-0529	Deaths, by cause, Chapter IX: Diseases of the circulatory system (I00-I99), age group and sex, Canada
102-0530	Deaths, by cause, Chapter X: Diseases of the respiratory system (J00-J99), age group and sex, Canada
102-0531	Deaths, by cause, Chapter XI: Diseases of the digestive system (K00-K93), age group and sex, Canada

102-0532	Deaths, by cause, Chapter XII: Diseases of the skin and subcutaneous tissue (L00-L99), age group and sex, Canada
102-0533	Deaths, by cause, Chapter XIII: Diseases of the musculoskeletal system and connective tissue (M00-M99), age group and sex, Canada
102-0534	Deaths, by cause, Chapter XIV: Diseases of the genitourinary system (N00-N99), age group and sex, Canada
102-0535	Deaths, by cause, Chapter XV: Pregnancy, childbirth and the puerperium (O00-O99), age group and sex, Canada
102-0536	Deaths, by cause, Chapter XVI: Certain conditions originating in the perinatal period (P00-P96), age group and sex, Canada
102-0537	Deaths, by cause, Chapter XVII: Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99), age group and sex, Canada
102-0538	Deaths, by cause, Chapter XVIII: Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99), age group and sex, Canada
102-0540	Deaths, by cause, Chapter XX: External causes of morbidity and mortality (V01-Y89), age group and sex, Canada
102-0551	Deaths, by selected grouped causes, age group and sex, Canada, provinces and territories
102-0552	Deaths, by selected grouped causes and sex, Canada, provinces and territories

Selected surveys from Statistics Canada

3231	Vital Statistics - Birth Database
3233	Vital Statistics - Death Database
3604	Estimates of Population by Age and Sex for Canada, the Provinces and the Territories

Selected tables of Canadian statistics from Statistics Canada

- *Infant mortality rates, by province and territory*
- *Suicides, and suicide rate, by sex and by age group*
- *Life expectancy at birth, by sex, by provinces*
- *Age-standardized mortality rates by selected causes, by sex*

Statistical tables

Table 1-1

Deaths by selected grouped causes, sex and geography — Canada¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{3, 4, 5}	226,169	114,905	111,264	714.4	732.9	696.2	586.9	733.4	475.4
Salmonella infections (A01-A02)	8	0	8	0.0	0.0	0.1	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	576	239	337	1.8	1.5	2.1	1.4	1.6	1.3
Tuberculosis (A16-A19)	93	51	42	0.3	0.3	0.3	0.2	0.3	0.2
Respiratory tuberculosis (A16)	71	40	31	0.2	0.3	0.2	0.2	0.3	0.1
Other tuberculosis (A17-A19)	22	11	11	0.1	0.1	0.1	0.1	0.1	0.0
Whooping cough (A37)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	2	0	2	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	21	6	15	0.1	0.0	0.1	0.1	0.0	0.1
Septicaemia (A40-A41)	1,552	738	814	4.9	4.7	5.1	4.0	4.8	3.5
Syphilis (A50-A53)	5	4	1	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	394	259	135	1.2	1.7	0.8	1.0	1.4	0.7
Human immunodeficiency virus [HIV] disease (B20-B24)	440	373	67	1.4	2.4	0.4	1.3	2.1	0.4
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	485	258	227	1.5	1.6	1.4	1.3	1.7	1.0
Malignant neoplasms (C00-C97)	65,990	34,701	31,289	208.4	221.3	195.8	175.6	215.3	148.1
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1,018	691	327	3.2	4.4	2.0	2.7	4.1	1.5
Malignant neoplasm of oesophagus (C15)	1,413	1,052	361	4.5	6.7	2.3	3.8	6.3	1.7
Malignant neoplasm of stomach (C16)	1,944	1,188	756	6.1	7.6	4.7	5.2	7.4	3.5
Malignant neoplasms of colon, rectum and anus (C18-C21)	6,938	3,711	3,227	21.9	23.7	20.2	18.3	23.0	14.6
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1,501	945	556	4.7	6.0	3.5	4.0	5.7	2.6
Malignant neoplasm of pancreas (C25)	3,441	1,687	1,754	10.9	10.8	11.0	9.1	10.3	8.1
Malignant neoplasm of larynx (C32)	465	375	90	1.5	2.4	0.6	1.3	2.3	0.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	17,374	10,203	7,171	54.9	65.1	44.9	47.0	62.7	35.4
Malignant melanoma of skin (C43)	748	455	293	2.4	2.9	1.8	2.0	2.7	1.5
Malignant neoplasm of breast (C50)	5,097	37	5,060	16.1	0.2	31.7	13.3	0.2	24.1
Malignant neoplasm of cervix uteri (C53)	...	...	377	...	...	2.4	...	...	1.9
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	731	...	...	4.6	...	...	3.5
Malignant neoplasm of ovary (C56)	...	...	1,573	...	...	9.8	...	...	7.6
Malignant neoplasm of prostate (C61)	...	3,658	...	...	23.3	...	...	24.1	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	1,384	862	522	4.4	5.5	3.3	3.7	5.3	2.4
Malignant neoplasm of bladder (C67)	1,586	1,100	486	5.0	7.0	3.0	4.1	7.0	2.1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	1,587	897	690	5.0	5.7	4.3	4.4	5.3	3.6
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	6,243	3,417	2,826	19.7	21.8	17.7	16.7	21.2	13.2
Hodgkin's disease (C81)	107	59	48	0.3	0.4	0.3	0.3	0.4	0.3
Non-Hodgkin's lymphoma (C82-C85)	2,550	1,380	1,170	8.1	8.8	7.3	6.8	8.4	5.5
Leukaemia (C91-C95)	2,303	1,308	995	7.3	8.3	6.2	6.2	8.2	4.6
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	1,279	668	611	4.0	4.3	3.8	3.4	4.2	2.8
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	4	2	2	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	8,912	4,423	4,489	28.1	28.2	28.1	23.5	27.7	20.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	1,433	739	694	4.5	4.7	4.3	3.7	4.8	3.0
Anaemias (D50-D64)	532	210	322	1.7	1.3	2.0	1.3	1.4	1.2
Diabetes mellitus (E10-E14)	7,970	3,991	3,979	25.2	25.5	24.9	20.5	25.2	16.9
Nutritional deficiencies (E40-E64)	232	88	144	0.7	0.6	0.9	0.6	0.6	0.5
Malnutrition (E40-E46)	194	70	124	0.6	0.4	0.8	0.5	0.5	0.5
Other nutritional deficiencies (E50-E64)	38	18	20	0.1	0.1	0.1	0.1	0.1	0.1
Meningitis (G00, G03)	55	28	27	0.2	0.2	0.2	0.2	0.2	0.2
Parkinson's disease (G20-G21)	1,679	928	751	5.3	5.9	4.7	4.2	6.1	3.0
Alzheimer's disease (G30)	5,504	1,631	3,873	17.4	10.4	24.2	13.1	11.1	13.9
Major cardiovascular diseases (I00-I78)	73,827	37,004	36,823	233.2	236.0	230.4	185.0	238.4	144.0
Diseases of heart (I00-I09, I11, I13, I20-I51)	52,974	27,950	25,024	167.3	178.3	156.6	133.3	178.9	98.2
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	502	173	329	1.6	1.1	2.1	1.3	1.1	1.5
Hypertensive heart disease (I11)	594	224	370	1.9	1.4	2.3	1.5	1.4	1.4
Hypertensive heart and renal disease (I13)	122	54	68	0.4	0.3	0.4	0.3	0.4	0.3
Ischaemic heart diseases (I20-I25)	40,608	22,452	18,156	128.3	143.2	113.6	102.4	142.9	71.3
Acute myocardial infarction (I21-I22)	18,662	10,643	8,019	58.9	67.9	50.2	47.5	67.0	32.2
Other acute ischaemic heart diseases (I24)	627	322	305	2.0	2.1	1.9	1.6	2.0	1.2

See footnotes at the end of the table.

Table 1-1 – continued

Deaths by selected grouped causes, sex and geography — Canada¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	21,319	11,487	9,832	67.3	73.3	61.5	53.4	73.8	37.8
Atherosclerotic cardiovascular disease, so described (I25.0)	1,554	920	634	4.9	5.9	4.0	4.0	5.7	2.6
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	19,765	10,567	9,198	62.4	67.4	57.6	49.3	68.1	35.2
Other heart diseases (I26-I51)	11,148	5,047	6,101	35.2	32.2	38.2	27.8	33.2	23.8
Acute and subacute endocarditis (I33)	90	54	36	0.3	0.3	0.2	0.2	0.3	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	81	38	43	0.3	0.2	0.3	0.2	0.2	0.2
Heart failure (I50)	4,284	1,756	2,528	13.5	11.2	15.8	10.3	12.1	9.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	6,693	3,199	3,494	21.1	20.4	21.9	17.1	20.6	14.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1,259	448	811	4.0	2.9	5.1	3.1	3.0	3.0
Cerebrovascular diseases (I60-I69)	15,283	6,332	8,951	48.3	40.4	56.0	37.7	41.6	34.7
Atherosclerosis (I70)	1,335	609	726	4.2	3.9	4.5	3.2	4.1	2.7
Other diseases of circulatory system (I71-I78)	2,976	1,665	1,311	9.4	10.6	8.2	7.7	10.8	5.4
Aortic aneurysm and dissection (I71)	1,870	1,136	734	5.9	7.2	4.6	4.9	7.3	3.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	1,106	529	577	3.5	3.4	3.6	2.8	3.5	2.3
Other disorders of circulatory system (I80-I99)	428	184	244	1.4	1.2	1.5	1.1	1.1	1.1
Influenza and pneumonia (J10-J18)	4,957	2,176	2,781	15.7	13.9	17.4	12.0	15.0	10.4
Influenza (J10-J11)	218	84	134	0.7	0.5	0.8	0.5	0.6	0.5
Pneumonia (J12-J18)	4,739	2,092	2,647	15.0	13.3	16.6	11.5	14.4	9.8
Other acute lower respiratory infections (J20-J22)	69	25	44	0.2	0.2	0.3	0.2	0.2	0.2
Acute bronchitis and bronchiolitis (J20-J21)	40	13	27	0.1	0.1	0.2	0.1	0.1	0.1
Unspecified acute lower respiratory infection (J22)	29	12	17	0.1	0.1	0.1	0.1	0.1	0.1
Chronic lower respiratory diseases (J40-J47)	10,162	5,468	4,694	32.1	34.9	29.4	25.8	36.0	19.9
Bronchitis, chronic and unspecified (J40-J42)	157	73	84	0.5	0.5	0.5	0.4	0.5	0.3
Emphysema (J43)	698	437	261	2.2	2.8	1.6	1.8	2.8	1.2
Asthma (J45-J46)	287	96	191	0.9	0.6	1.2	0.8	0.6	0.9
Other chronic lower respiratory diseases (J44, J47)	9,020	4,862	4,158	28.5	31.0	26.0	22.8	32.1	17.5
Pneumoconioses and chemical effects (J60-J66, J68)	71	70	1	0.2	0.4	0.0	0.2	0.4	0.0
Pneumonitis due to solids and liquids (J69)	1,051	556	495	3.3	3.5	3.1	2.6	3.7	1.9
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2,162	1,186	976	6.8	7.6	6.1	5.6	7.6	4.2
Peptic ulcer (K25-K28)	413	193	220	1.3	1.2	1.4	1.0	1.2	0.9
Diseases of appendix (K35-K38)	42	22	20	0.1	0.1	0.1	0.1	0.1	0.1
Hernia (K40-K46)	240	102	138	0.8	0.7	0.9	0.6	0.7	0.5
Chronic liver disease and cirrhosis (K70, K73-K74)	2,352	1,539	813	7.4	9.8	5.1	6.4	8.9	4.1
Alcoholic liver disease (K70)	1,155	845	310	3.6	5.4	1.9	3.1	4.8	1.7
Other chronic liver disease and cirrhosis (K73-K74)	1,197	694	503	3.8	4.4	3.1	3.2	4.1	2.4
Cholelithiasis and other disorders of gallbladder (K80-K82)	316	155	161	1.0	1.0	1.0	0.8	1.0	0.6
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	3,503	1,723	1,780	11.1	11.0	11.1	8.7	11.4	7.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	25	12	13	0.1	0.1	0.1	0.1	0.1	0.1
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	48	29	19	0.2	0.2	0.1	0.1	0.2	0.1
Renal failure (N17-N19)	3,426	1,681	1,745	10.8	10.7	10.9	8.5	11.1	6.8
Other disorders of kidney (N25, N27)	4	1	3	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	97	31	66	0.3	0.2	0.4	0.2	0.2	0.3
Hyperplasia of prostate (N40)	...	58	...	...	0.4	...	...	0.4	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	13	...	...	0.1	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	23	...	...	0.1	...	...	0.2
Pregnancy with abortive outcome (O00-O07)	...	...	2	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	21	...	...	0.1	...	...	0.2
Certain conditions originating in the perinatal period (P00-P96)	991	552	439	3.1	3.5	2.7	4.2	4.6	3.8
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	912	461	451	2.9	2.9	2.8	3.3	3.3	3.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	3,079	1,605	1,474	9.7	10.2	9.2	8.4	10.4	6.5
All other diseases (residual) ⁷	20,330	8,347	11,983	64.2	53.2	75.0	51.4	54.0	48.3
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	9,047	5,451	3,596	28.6	34.8	22.5	25.5	35.1	16.6
Transport accidents (V01-V99, Y85)	3,125	2,220	905	9.9	14.2	5.7	9.7	14.2	5.4
Motor vehicle accidents ⁸	2,866	2,007	859	9.1	12.8	5.4	9.0	12.9	5.1
Other land transport accidents ⁹	67	52	15	0.2	0.3	0.1	0.2	0.3	0.1
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	192	161	31	0.6	1.0	0.2	0.6	1.0	0.2
Nontransport accidents (W00-X59, Y86)	5,922	3,231	2,691	18.7	20.6	16.8	15.7	20.9	11.2
Falls (W00-W19)	1,978	1,024	954	6.2	6.5	6.0	5.0	6.7	3.7
Accidental discharge of firearms (W32-W34)	27	26	1	0.1	0.2	0.0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	266	214	52	0.8	1.4	0.3	0.8	1.4	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	196	120	76	0.6	0.8	0.5	0.6	0.8	0.4

See footnotes at the end of the table.

Table 1-1 – continued

Deaths by selected grouped causes, sex and geography — Canada¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	886	615	271	2.8	3.9	1.7	2.7	3.8	1.6
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	2,569	1,232	1,337	8.1	7.9	8.4	6.6	8.2	5.2
Intentional self-harm (suicide) (X60-X84, Y87.0)	3,765	2,903	862	11.9	18.5	5.4	11.3	17.8	5.1
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	618	585	33	2.0	3.7	0.2	1.8	3.5	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	3,147	2,318	829	9.9	14.8	5.2	9.5	14.3	4.8
Assault (homicide) (X85-Y09, Y87.1)	447	326	121	1.4	2.1	0.8	1.5	2.1	0.8
Assault (homicide) by discharge of firearms (X93-X95)	138	112	26	0.4	0.7	0.2	0.5	0.8	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	309	214	95	1.0	1.4	0.6	1.0	1.4	0.6
Legal intervention (Y35, Y89.0)	6	6	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	643	430	213	2.0	2.7	1.3	1.9	2.6	1.2
Discharge of firearms, undetermined intent (Y22-Y24)	7	7	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	636	423	213	2.0	2.7	1.3	1.9	2.5	1.2
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	193	88	105	0.6	0.6	0.7	0.5	0.6	0.5

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: *Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM tables 102-0551 and 102-0552).*

Table 1-2

Deaths by selected grouped causes, sex and geography — Newfoundland and Labrador¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{3, 4, 5}	4,281	2,265	2,016	825.9	888.6	765.2	696.2	878.7	552.3
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	5	2	3	1.0	0.8	1.1	0.8	0.8	0.9
Tuberculosis (A16-A19)	2	1	1	0.4	0.4	0.4	0.3	0.4	0.2
Respiratory tuberculosis (A16)	1	0	1	0.2	0.0	0.4	0.1	0.0	0.2
Other tuberculosis (A17-A19)	1	1	0	0.2	0.4	0.0	0.1	0.4	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	22	9	13	4.2	3.5	4.9	3.6	3.7	3.9
Syphilis (A50-A53)	1	1	0	0.2	0.4	0.0	0.1	0.2	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	3	0	3	0.6	0.0	1.1	0.6	0.0	1.1
Human immunodeficiency virus [HIV] disease (B20-B24)	2	2	0	0.4	0.8	0.0	0.3	0.7	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	3	0	3	0.6	0.0	1.1	0.5	0.0	0.8
Malignant neoplasms (C00-C97)	1,173	648	525	226.3	254.2	199.3	190.7	238.9	153.0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	13	12	1	2.5	4.7	0.4	2.1	4.4	0.3
Malignant neoplasm of oesophagus (C15)	26	20	6	5.0	7.8	2.3	4.4	7.6	1.5
Malignant neoplasm of stomach (C16)	55	28	27	10.6	11.0	10.2	8.9	10.3	7.7
Malignant neoplasms of colon, rectum and anus (C18-C21)	133	67	66	25.7	26.3	25.1	21.7	24.1	19.4
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	14	12	2	2.7	4.7	0.8	2.4	4.5	0.7
Malignant neoplasm of pancreas (C25)	58	29	29	11.2	11.4	11.0	8.9	9.9	7.8
Malignant neoplasm of larynx (C32)	7	6	1	1.4	2.4	0.4	1.1	2.3	0.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	293	194	99	56.5	76.1	37.6	49.0	70.9	30.7
Malignant melanoma of skin (C43)	20	12	8	3.9	4.7	3.0	3.3	4.2	2.5
Malignant neoplasm of breast (C50)	91	2	89	17.6	0.8	33.8	14.2	0.8	24.4
Malignant neoplasm of cervix uteri (C53)	...	...	5	...	...	1.9	...	...	1.6
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	12	...	...	4.6	...	...	3.4
Malignant neoplasm of ovary (C56)	...	...	30	...	...	11.4	...	...	9.1
Malignant neoplasm of prostate (C61)	...	66	...	...	25.9	...	...	26.6	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	26	15	11	5.0	5.9	4.2	4.0	5.2	3.2
Malignant neoplasm of bladder (C67)	29	22	7	5.6	8.6	2.7	4.6	8.5	2.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	39	23	16	7.5	9.0	6.1	6.7	7.7	5.8
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	54	27	27	10.4	10.6	10.2	8.3	9.2	7.1
Hodgkin's disease (C81)	2	1	1	0.4	0.4	0.4	0.3	0.4	0.2
Non-Hodgkin's lymphoma (C82-C85)	24	13	11	4.6	5.1	4.2	3.6	4.2	3.0
Leukaemia (C91-C95)	17	8	9	3.3	3.1	3.4	2.5	2.6	2.1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	11	5	6	2.1	2.0	2.3	1.8	1.9	1.7
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	202	113	89	39.0	44.3	33.8	32.9	42.7	25.6
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	48	27	21	9.3	10.6	8.0	7.7	10.0	6.1
Anaemias (D50-D64)	11	5	6	2.1	2.0	2.3	2.0	2.3	1.6
Diabetes mellitus (E10-E14)	253	104	149	48.8	40.8	56.6	41.2	40.6	40.6
Nutritional deficiencies (E40-E64)	3	1	2	0.6	0.4	0.8	0.5	0.4	0.4
Malnutrition (E40-E46)	1	0	1	0.2	0.0	0.4	0.2	0.0	0.2
Other nutritional deficiencies (E50-E64)	2	1	1	0.4	0.4	0.4	0.3	0.4	0.2
Meningitis (G00, G03)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Parkinson's disease (G20-G21)	32	17	15	6.2	6.7	5.7	5.2	6.9	4.1
Alzheimer's disease (G30)	123	39	84	23.7	15.3	31.9	19.1	16.6	21.1
Major cardiovascular diseases (I00-I78)	1,532	824	708	295.6	323.3	268.7	244.3	319.7	184.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	1,111	619	492	214.3	242.9	186.7	177.7	239.0	129.4
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	3	1	2	0.6	0.4	0.8	0.5	0.4	0.6
Hypertensive heart disease (I11)	15	4	11	2.9	1.6	4.2	2.4	1.8	2.9
Hypertensive heart and renal disease (I13)	2	0	2	0.4	0.0	0.8	0.3	0.0	0.5
Ischaemic heart diseases (I20-I25)	867	513	354	167.3	201.3	134.4	138.6	195.2	93.5
Acute myocardial infarction (I21-I22)	352	207	145	67.9	81.2	55.0	56.0	78.1	38.4
Other acute ischaemic heart diseases (I24)	4	1	3	0.8	0.4	1.1	0.7	0.3	1.0

See footnotes at the end of the table.

Table 1-2 – continued

Deaths by selected grouped causes, sex and geography — Newfoundland and Labrador¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	511	305	206	98.6	119.7	78.2	82.0	116.7	54.1
Atherosclerotic cardiovascular disease, so described (I25.0)	137	81	56	26.4	31.8	21.3	22.1	29.3	15.2
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	374	224	150	72.2	87.9	56.9	59.9	87.4	38.9
Other heart diseases (I26-I51)	224	101	123	43.2	39.6	46.7	35.9	41.6	32.0
Acute and subacute endocarditis (I33)	2	2	0	0.4	0.8	0.0	0.4	0.8	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Heart failure (I50)	91	37	54	17.6	14.5	20.5	14.2	16.3	13.5
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	131	62	69	25.3	24.3	26.2	21.4	24.5	18.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	41	13	28	7.9	5.1	10.6	6.6	5.7	7.2
Cerebrovascular diseases (I60-I69)	303	145	158	58.5	56.9	60.0	47.4	57.0	39.9
Atherosclerosis (I70)	21	11	10	4.1	4.3	3.8	3.4	4.4	2.6
Other diseases of circulatory system (I71-I78)	56	36	20	10.8	14.1	7.6	9.2	13.6	5.6
Aortic aneurysm and dissection (I71)	33	23	10	6.4	9.0	3.8	5.4	8.5	2.7
Other diseases of arteries, arterioles and capillaries (I72-I78)	23	13	10	4.4	5.1	3.8	3.9	5.1	2.9
Other disorders of circulatory system (I80-I99)	11	9	2	2.1	3.5	0.8	1.8	3.7	0.5
Influenza and pneumonia (J10-J18)	79	34	45	15.2	13.3	17.1	12.2	14.6	10.4
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia (J12-J18)	79	34	45	15.2	13.3	17.1	12.2	14.6	10.4
Other acute lower respiratory infections (J20-J22)	3	1	2	0.6	0.4	0.8	0.5	0.6	0.5
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	3	1	2	0.6	0.4	0.8	0.5	0.6	0.5
Chronic lower respiratory diseases (J40-J47)	200	127	73	38.6	49.8	27.7	32.3	51.8	19.7
Bronchitis, chronic and unspecified (J40-J42)	3	1	2	0.6	0.4	0.8	0.5	0.4	0.6
Emphysema (J43)	10	8	2	1.9	3.1	0.8	1.7	3.2	0.7
Asthma (J45-J46)	2	1	1	0.4	0.4	0.4	0.4	0.6	0.2
Other chronic lower respiratory diseases (J44, J47)	185	117	68	35.7	45.9	25.8	29.7	47.7	18.2
Pneumoconioses and chemical effects (J60-J66, J68)	1	1	0	0.2	0.4	0.0	0.2	0.3	0.0
Pneumonitis due to solids and liquids (J69)	16	8	8	3.1	3.1	3.0	3.0	3.4	2.8
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	32	19	13	6.2	7.5	4.9	5.1	7.5	3.4
Peptic ulcer (K25-K28)	5	2	3	1.0	0.8	1.1	0.7	0.8	0.7
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	6	2	4	1.2	0.8	1.5	1.0	0.8	1.2
Chronic liver disease and cirrhosis (K70, K73-K74)	32	16	16	6.2	6.3	6.1	5.5	5.9	4.9
Alcoholic liver disease (K70)	12	11	1	2.3	4.3	0.4	2.1	4.0	0.3
Other chronic liver disease and cirrhosis (K73-K74)	20	5	15	3.9	2.0	5.7	3.4	1.9	4.5
Cholelithiasis and other disorders of gallbladder (K80-K82)	9	6	3	1.7	2.4	1.1	1.5	2.3	0.9
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	88	40	48	17.0	15.7	18.2	13.5	16.7	12.1
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	1	0	0.2	0.4	0.0	0.1	0.5	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	1	1	0	0.2	0.4	0.0	0.1	0.4	0.0
Renal failure (N17-N19)	86	38	48	16.6	14.9	18.2	13.2	15.9	12.1
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	1	0	1	0.2	0.0	0.4	0.2	0.0	0.2
Hyperplasia of prostate (N40)	...	1	...	...	0.4	...	...	0.6	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	1	...	...	0.4	...	...	0.6
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	1	...	...	0.4	...	...	0.6
Certain conditions originating in the perinatal period (P00-P96)	13	8	5	2.5	3.1	1.9	4.0	4.9	3.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	18	9	9	3.5	3.5	3.4	4.2	4.6	3.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	30	16	14	5.8	6.3	5.3	5.3	6.9	3.3
All other diseases (residual) ⁷	331	155	176	63.9	60.8	66.8	54.0	61.5	47.8
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	127	85	42	24.5	33.3	15.9	21.9	31.8	12.1
Transport accidents (V01-V99, Y85)	50	41	9	9.6	16.1	3.4	9.2	15.3	3.4
Motor vehicle accidents ⁸	42	33	9	8.1	12.9	3.4	7.7	12.2	3.4
Other land transport accidents ⁹	1	1	0	0.2	0.4	0.0	0.2	0.4	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	7	7	0	1.4	2.7	0.0	1.3	2.6	0.0
Nontransport accidents (W00-X59, Y86)	77	44	33	14.9	17.3	12.5	12.7	16.6	8.7
Falls (W00-W19)	16	7	9	3.1	2.7	3.4	2.5	2.2	2.5
Accidental discharge of firearms (W32-W34)	3	3	0	0.6	1.2	0.0	0.4	0.7	0.0
Accidental drowning and submersion (W65-W74)	5	5	0	1.0	2.0	0.0	0.8	1.7	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	5	5	0	1.0	2.0	0.0	1.0	2.1	0.0

See footnotes at the end of the table.

Table 1-2 – continued

Deaths by selected grouped causes, sex and geography — Newfoundland and Labrador¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	8	5	3	1.5	2.0	1.1	1.6	2.2	1.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	40	19	21	7.7	7.5	8.0	6.4	7.7	5.0
Intentional self-harm (suicide) (X60-X84, Y87.0)	48	37	11	9.3	14.5	4.2	9.1	14.6	3.8
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	13	13	0	2.5	5.1	0.0	2.5	5.2	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	35	24	11	6.8	9.4	4.2	6.5	9.4	3.8
Assault (homicide) (X85-Y09, Y87.1)	4	3	1	0.8	1.2	0.4	0.9	1.5	0.3
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	4	3	1	0.8	1.2	0.4	0.9	1.5	0.3
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	6	4	2	1.2	1.6	0.8	1.1	1.6	0.6
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	0	0.2	0.4	0.0	0.3	0.6	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	5	3	2	1.0	1.2	0.8	0.8	1.0	0.6
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	6	2	4	1.2	0.8	1.5	1.0	0.8	1.2

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: *Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM tables 102-0551 and 102-0552).*

Table 1-3

Deaths by selected grouped causes, sex and geography — Prince Edward Island¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{3, 4, 5}	1,183	594	589	861.8	889.1	836.0	639.7	819.1	514.6
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Tuberculosis (A16-A19)	1	1	0	0.7	1.5	0.0	0.5	1.3	0.0
Respiratory tuberculosis (A16)	1	1	0	0.7	1.5	0.0	0.5	1.3	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	3	2	1	2.2	3.0	1.4	2.0	2.9	1.3
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	3	3	0	2.2	4.5	0.0	1.8	3.8	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	1	1	0	0.7	1.5	0.0	0.7	1.5	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	2	1	1	1.5	1.5	1.4	0.9	1.3	0.6
Malignant neoplasms (C00-C97)	353	174	179	257.2	260.4	254.1	202.8	236.2	183.7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	1	0	0.7	1.5	0.0	0.5	1.0	0.0
Malignant neoplasm of oesophagus (C15)	3	2	1	2.2	3.0	1.4	1.5	2.5	1.1
Malignant neoplasm of stomach (C16)	12	8	4	8.7	12.0	5.7	7.1	10.8	3.8
Malignant neoplasms of colon, rectum and anus (C18-C21)	36	11	25	26.2	16.5	35.5	20.5	14.5	25.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	11	8	3	8.0	12.0	4.3	6.3	11.4	3.9
Malignant neoplasm of pancreas (C25)	21	11	10	15.3	16.5	14.2	12.1	14.2	9.6
Malignant neoplasm of larynx (C32)	6	5	1	4.4	7.5	1.4	3.7	6.6	1.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	94	50	44	68.5	74.8	62.4	55.5	68.8	47.3
Malignant melanoma of skin (C43)	2	1	1	1.5	1.5	1.4	1.1	1.3	0.7
Malignant neoplasm of breast (C50)	23	1	22	16.8	1.5	31.2	13.3	1.4	23.3
Malignant neoplasm of cervix uteri (C53)	...	...	1	...	...	1.4	...	...	1.1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	4	...	...	5.7	...	...	4.5
Malignant neoplasm of ovary (C56)	...	...	6	...	...	8.5	...	...	5.4
Malignant neoplasm of prostate (C61)	...	17	...	...	25.4	...	...	23.5	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	10	6	4	7.3	9.0	5.7	5.9	8.3	4.4
Malignant neoplasm of bladder (C67)	7	6	1	5.1	9.0	1.4	4.0	8.4	1.4
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	5	2	3	3.6	3.0	4.3	3.0	2.9	2.7
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	37	19	18	27.0	28.4	25.5	20.8	26.1	16.6
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	13	6	7	9.5	9.0	9.9	7.3	8.1	6.8
Leukaemia (C91-C95)	15	10	5	10.9	15.0	7.1	8.4	13.7	4.1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	9	3	6	6.6	4.5	8.5	5.2	4.3	5.7
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	57	26	31	41.5	38.9	44.0	31.9	34.5	31.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	9	3	6	6.6	4.5	8.5	5.2	3.8	6.5
Anaemias (D50-D64)	3	0	3	2.2	0.0	4.3	1.4	0.0	2.3
Diabetes mellitus (E10-E14)	19	11	8	13.8	16.5	11.4	10.7	15.0	7.2
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningitis (G00, G03)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Parkinson's disease (G20-G21)	8	6	2	5.8	9.0	2.8	4.2	8.6	1.3
Alzheimer's disease (G30)	28	8	20	20.4	12.0	28.4	13.0	11.2	14.0
Major cardiovascular diseases (I00-I78)	433	212	221	315.4	317.3	313.7	219.2	288.4	169.0
Diseases of heart (I00-I09, I11, I13, I20-I51)	318	160	158	231.7	239.5	224.3	161.7	216.4	118.2
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	3	0	3	2.2	0.0	4.3	1.4	0.0	2.6
Hypertensive heart disease (I11)	4	1	3	2.9	1.5	4.3	2.1	1.4	2.2
Hypertensive heart and renal disease (I13)	1	1	0	0.7	1.5	0.0	0.6	1.1	0.0
Ischaemic heart diseases (I20-I25)	232	122	110	169.0	182.6	156.1	119.3	162.7	84.1
Acute myocardial infarction (I21-I22)	80	45	35	58.3	67.4	49.7	43.0	59.1	28.7
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 1-3 – continued

Deaths by selected grouped causes, sex and geography — Prince Edward Island¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	152	77	75	110.7	115.3	106.4	76.4	103.7	55.4
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	152	77	75	110.7	115.3	106.4	76.4	103.7	55.4
Other heart diseases (I26-I51)	78	36	42	56.8	53.9	59.6	38.3	51.2	29.3
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Heart failure (I50)	39	17	22	28.4	25.4	31.2	18.0	23.7	14.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	39	19	20	28.4	28.4	28.4	20.3	27.5	15.2
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	3	1	2	2.2	1.5	2.8	1.5	1.5	1.9
Cerebrovascular diseases (I60-I69)	92	40	52	67.0	59.9	73.8	46.0	55.7	42.8
Atherosclerosis (I70)	6	3	3	4.4	4.5	4.3	2.8	4.3	1.7
Other diseases of circulatory system (I71-I78)	14	8	6	10.2	12.0	8.5	7.2	10.6	4.4
Aortic aneurysm and dissection (I71)	10	6	4	7.3	9.0	5.7	5.0	7.9	2.6
Other diseases of arteries, arterioles and capillaries (I72-I78)	4	2	2	2.9	3.0	2.8	2.2	2.7	1.8
Other disorders of circulatory system (I80-I99)	2	0	2	1.5	0.0	2.8	1.0	0.0	1.7
Influenza and pneumonia (J10-J18)	52	19	33	37.9	28.4	46.8	24.2	27.2	24.2
Influenza (J10-J11)	2	1	1	1.5	1.5	1.4	1.4	1.4	2.0
Pneumonia (J12-J18)	50	18	32	36.4	26.9	45.4	22.8	25.8	22.3
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	49	28	21	35.7	41.9	29.8	25.7	38.7	19.2
Bronchitis, chronic and unspecified (J40-J42)	2	1	1	1.5	1.5	1.4	0.9	1.4	0.7
Emphysema (J43)	5	3	2	3.6	4.5	2.8	3.4	4.3	2.6
Asthma (J45-J46)	2	0	2	1.5	0.0	2.8	0.9	0.0	1.6
Other chronic lower respiratory diseases (J44, J47)	40	24	16	29.1	35.9	22.7	20.4	33.0	14.3
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	6	4	2	4.4	6.0	2.8	2.7	5.1	1.4
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	13	9	4	9.5	13.5	5.7	7.2	12.1	3.4
Peptic ulcer (K25-K28)	1	0	1	0.7	0.0	1.4	0.7	0.0	1.3
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	2	0	2	1.5	0.0	2.8	1.1	0.0	1.8
Chronic liver disease and cirrhosis (K70, K73-K74)	5	4	1	3.6	6.0	1.4	2.6	4.3	0.7
Alcoholic liver disease (K70)	3	3	0	2.2	4.5	0.0	1.7	3.3	0.0
Other chronic liver disease and cirrhosis (K73-K74)	2	1	1	1.5	1.5	1.4	1.0	1.0	0.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	19	10	9	13.8	15.0	12.8	9.2	13.7	6.2
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	1	0	0.7	1.5	0.0	0.4	1.4	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Renal failure (N17-N19)	18	9	9	13.1	13.5	12.8	8.8	12.4	6.2
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	1	...	...	1.5	...	...	1.4	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	2	0	2	1.5	0.0	2.8	2.0	0.0	4.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	7	3	4	5.1	4.5	5.7	6.0	5.5	6.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	8	2	6	5.8	3.0	8.5	4.4	2.8	4.9
All other diseases (residual) ⁷	86	41	45	62.7	61.4	63.9	45.4	56.7	36.8
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	46	33	13	33.5	49.4	18.5	30.3	52.1	11.2
Transport accidents (V01-V99, Y85)	13	12	1	9.5	18.0	1.4	9.6	19.3	1.1
Motor vehicle accidents ⁸	11	10	1	8.0	15.0	1.4	8.8	16.9	1.1
Other land transport accidents ⁹	1	1	0	0.7	1.5	0.0	0.4	1.5	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	1	1	0	0.7	1.5	0.0	0.5	1.0	0.0
Nontransport accidents (W00-X59, Y86)	33	21	12	24.0	31.4	17.0	20.7	32.7	10.2
Falls (W00-W19)	8	4	4	5.8	6.0	5.7	4.5	5.4	3.3
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	1	1	0	0.7	1.5	0.0	0.8	1.7	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	2	0	2	1.5	0.0	2.8	1.3	0.0	2.4

See footnotes at the end of the table.

Table 1-3 – continued

Deaths by selected grouped causes, sex and geography — Prince Edward Island¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	4	3	1	2.9	4.5	1.4	3.4	6.0	1.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	18	13	5	13.1	19.5	7.1	10.7	19.7	3.4
Intentional self-harm (suicide) (X60-X84, Y87.0)	14	12	2	10.2	18.0	2.8	10.3	17.1	3.8
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	2	2	0	1.5	3.0	0.0	1.2	2.4	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	12	10	2	8.7	15.0	2.8	9.1	14.6	3.8
Assault (homicide) (X85-Y09, Y87.1)	1	1	0	0.7	1.5	0.0	0.4	1.5	0.0
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	1	1	0	0.7	1.5	0.0	0.4	1.5	0.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	3	2	1	2.2	3.0	1.4	1.7	2.5	1.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	3	2	1	2.2	3.0	1.4	1.7	2.5	1.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	3	3	0	2.2	4.5	0.0	1.5	4.3	0.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: *Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM tables 102-0551 and 102-0552).*

Table 1-4

Deaths by selected grouped causes, sex and geography — Nova Scotia¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{3, 4, 5}	8,064	4,003	4,061	861.4	873.3	849.9	634.9	791.6	516.2
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	6	1	5	0.6	0.2	1.0	0.4	0.2	0.5
Tuberculosis (A16-A19)	4	1	3	0.4	0.2	0.6	0.3	0.2	0.4
Respiratory tuberculosis (A16)	4	1	3	0.4	0.2	0.6	0.3	0.2	0.4
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	54	20	34	5.8	4.4	7.1	4.5	4.0	5.0
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	6	5	1	0.6	1.1	0.2	0.4	0.8	0.1
Human immunodeficiency virus [HIV] disease (B20-B24)	3	2	1	0.3	0.4	0.2	0.2	0.3	0.2
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	10	4	6	1.1	0.9	1.3	0.8	0.9	0.6
Malignant neoplasms (C00-C97)	2,423	1,246	1,177	258.8	271.8	246.3	200.5	240.8	171.7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	35	26	9	3.7	5.7	1.9	3.0	4.8	1.3
Malignant neoplasm of oesophagus (C15)	51	36	15	5.4	7.9	3.1	4.3	6.8	2.3
Malignant neoplasm of stomach (C16)	67	42	25	7.2	9.2	5.2	5.6	8.1	3.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	245	133	112	26.2	29.0	23.4	20.2	25.9	15.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	39	17	22	4.2	3.7	4.6	3.4	3.4	3.5
Malignant neoplasm of pancreas (C25)	123	73	50	13.1	15.9	10.5	10.1	13.8	7.2
Malignant neoplasm of larynx (C32)	15	15	0	1.6	3.3	0.0	1.2	2.8	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	677	400	277	72.3	87.3	58.0	57.3	77.5	41.9
Malignant melanoma of skin (C43)	33	17	16	3.5	3.7	3.3	2.8	3.2	2.5
Malignant neoplasm of breast (C50)	220	1	219	23.5	0.2	45.8	17.8	0.1	32.0
Malignant neoplasm of cervix uteri (C53)	...	...	15	...	...	3.1	...	...	2.7
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	22	...	...	4.6	...	...	3.4
Malignant neoplasm of ovary (C56)	...	...	46	...	...	9.6	...	...	6.5
Malignant neoplasm of prostate (C61)	...	106	...	...	23.1	...	...	21.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	48	30	18	5.1	6.5	3.8	3.7	5.4	2.3
Malignant neoplasm of bladder (C67)	54	35	19	5.8	7.6	4.0	4.4	6.9	2.7
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	55	30	25	5.9	6.5	5.2	5.0	5.8	4.1
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	197	106	91	21.0	23.1	19.0	16.4	20.5	13.2
Hodgkin's disease (C81)	3	2	1	0.3	0.4	0.2	0.3	0.4	0.3
Non-Hodgkin's lymphoma (C82-C85)	73	40	33	7.8	8.7	6.9	6.1	7.8	5.0
Leukaemia (C91-C95)	81	45	36	8.7	9.8	7.5	6.6	8.7	4.9
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	40	19	21	4.3	4.1	4.4	3.3	3.6	3.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	375	179	196	40.1	39.1	41.0	30.2	34.8	26.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	38	17	21	4.1	3.7	4.4	3.0	3.3	2.9
Anaemias (D50-D64)	18	8	10	1.9	1.7	2.1	1.4	1.7	1.1
Diabetes mellitus (E10-E14)	286	140	146	30.6	30.5	30.6	22.5	27.4	18.8
Nutritional deficiencies (E40-E64)	7	3	4	0.7	0.7	0.8	0.6	0.6	0.4
Malnutrition (E40-E46)	6	2	4	0.6	0.4	0.8	0.5	0.4	0.4
Other nutritional deficiencies (E50-E64)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Meningitis (G00, G03)	2	0	2	0.2	0.0	0.4	0.1	0.0	0.2
Parkinson's disease (G20-G21)	43	22	21	4.6	4.8	4.4	3.2	4.2	2.4
Alzheimer's disease (G30)	212	62	150	22.6	13.5	31.4	14.4	12.5	15.6
Major cardiovascular diseases (I00-I78)	2,744	1,379	1,365	293.1	300.8	285.7	204.1	271.0	154.3
Diseases of heart (I00-I09, I11, I13, I20-I51)	1,965	1,028	937	209.9	224.3	196.1	147.2	200.7	107.4
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	13	7	6	1.4	1.5	1.3	1.0	1.4	0.8
Hypertensive heart disease (I11)	30	7	23	3.2	1.5	4.8	2.1	1.2	2.4
Hypertensive heart and renal disease (I13)	5	1	4	0.5	0.2	0.8	0.3	0.2	0.4
Ischaemic heart diseases (I20-I25)	1,429	794	635	152.6	173.2	132.9	108.0	154.8	73.3
Acute myocardial infarction (I21-I22)	658	389	269	70.3	84.9	56.3	51.0	75.4	32.4
Other acute ischaemic heart diseases (I24)	8	3	5	0.9	0.7	1.0	0.5	0.5	0.5

See footnotes at the end of the table.

Table 1-4 – continued

Deaths by selected grouped causes, sex and geography — Nova Scotia¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	763	402	361	81.5	87.7	75.6	56.4	78.8	40.4
Atherosclerotic cardiovascular disease, so described (I25.0)	15	7	8	1.6	1.5	1.7	1.1	1.4	0.7
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	748	395	353	79.9	86.2	73.9	55.3	77.5	39.7
Other heart diseases (I26-I51)	488	219	269	52.1	47.8	56.3	35.8	43.1	30.5
Acute and subacute endocarditis (I33)	3	3	0	0.3	0.7	0.0	0.2	0.5	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	7	1	6	0.7	0.2	1.3	0.7	0.2	1.1
Heart failure (I50)	202	73	129	21.6	15.9	27.0	13.8	15.0	13.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	276	142	134	29.5	31.0	28.0	21.1	27.4	16.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	64	23	41	6.8	5.0	8.6	4.7	4.7	4.4
Cerebrovascular diseases (I60-I69)	549	227	322	58.6	49.5	67.4	39.6	45.2	34.9
Atherosclerosis (I70)	33	18	15	3.5	3.9	3.1	2.4	3.8	1.7
Other diseases of circulatory system (I71-I78)	133	83	50	14.2	18.1	10.5	10.2	16.7	6.0
Aortic aneurysm and dissection (I71)	80	51	29	8.5	11.1	6.1	6.2	10.3	3.5
Other diseases of arteries, arterioles and capillaries (I72-I78)	53	32	21	5.7	7.0	4.4	4.0	6.4	2.4
Other disorders of circulatory system (I80-I99)	17	7	10	1.8	1.5	2.1	1.5	1.4	1.7
Influenza and pneumonia (J10-J18)	215	88	127	23.0	19.2	26.6	15.0	17.4	13.1
Influenza (J10-J11)	9	2	7	1.0	0.4	1.5	0.6	0.4	0.7
Pneumonia (J12-J18)	206	86	120	22.0	18.8	25.1	14.4	17.0	12.4
Other acute lower respiratory infections (J20-J22)	6	3	3	0.6	0.7	0.6	0.5	0.7	0.3
Acute bronchitis and bronchiolitis (J20-J21)	5	2	3	0.5	0.4	0.6	0.4	0.5	0.3
Unspecified acute lower respiratory infection (J22)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Chronic lower respiratory diseases (J40-J47)	386	212	174	41.2	46.3	36.4	29.6	42.6	22.1
Bronchitis, chronic and unspecified (J40-J42)	6	4	2	0.6	0.9	0.4	0.4	0.8	0.2
Emphysema (J43)	13	7	6	1.4	1.5	1.3	1.1	1.3	0.8
Asthma (J45-J46)	13	4	9	1.4	0.9	1.9	1.0	0.7	1.2
Other chronic lower respiratory diseases (J44, J47)	354	197	157	37.8	43.0	32.9	27.1	39.8	20.0
Pneumoconioses and chemical effects (J60-J66, J68)	3	3	0	0.3	0.7	0.0	0.2	0.6	0.0
Pneumonitis due to solids and liquids (J69)	31	13	18	3.3	2.8	3.8	2.3	2.6	2.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	81	40	41	8.7	8.7	8.6	6.4	7.9	5.3
Peptic ulcer (K25-K28)	20	8	12	2.1	1.7	2.5	1.4	1.5	1.2
Diseases of appendix (K35-K38)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Hernia (K40-K46)	11	6	5	1.2	1.3	1.0	0.8	1.1	0.5
Chronic liver disease and cirrhosis (K70, K73-K74)	66	42	24	7.1	9.2	5.0	5.7	7.8	4.0
Alcoholic liver disease (K70)	30	21	9	3.2	4.6	1.9	2.7	3.9	1.8
Other chronic liver disease and cirrhosis (K73-K74)	36	21	15	3.8	4.6	3.1	3.0	4.0	2.2
Cholelithiasis and other disorders of gallbladder (K80-K82)	13	5	8	1.4	1.1	1.7	1.0	1.0	1.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	125	53	72	13.4	11.6	15.1	9.0	10.7	8.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	2	1	1	0.2	0.2	0.2	0.2	0.2	0.1
Renal failure (N17-N19)	122	51	71	13.0	11.1	14.9	8.7	10.3	7.9
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Hyperplasia of prostate (N40)	...	2	...	...	0.4	...	...	0.5	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	26	17	9	2.8	3.7	1.9	4.3	5.4	3.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	31	13	18	3.3	2.8	3.8	3.9	3.5	4.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	44	18	26	4.7	3.9	5.4	3.6	4.4	2.4
All other diseases (residual) ⁷	707	293	414	75.5	63.9	86.6	54.0	58.6	49.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	281	164	117	30.0	35.8	24.5	24.6	34.2	16.2
Transport accidents (V01-V99, Y85)	93	68	25	9.9	14.8	5.2	10.0	14.7	5.7
Motor vehicle accidents ⁸	81	57	24	8.7	12.4	5.0	8.8	12.5	5.5
Other land transport accidents ⁹	1	0	1	0.1	0.0	0.2	0.1	0.0	0.2
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	11	11	0	1.2	2.4	0.0	1.1	2.2	0.0
Nontransport accidents (W00-X59, Y86)	188	96	92	20.1	20.9	19.3	14.6	19.5	10.5
Falls (W00-W19)	105	48	57	11.2	10.5	11.9	7.5	9.9	5.7
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	8	8	0	0.9	1.7	0.0	0.9	1.8	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	13	8	5	1.4	1.7	1.0	1.3	1.7	1.1

See footnotes at the end of the table.

Table 1-4 – continued

Deaths by selected grouped causes, sex and geography — Nova Scotia¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	17	10	7	1.8	2.2	1.5	1.5	1.9	1.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	45	22	23	4.8	4.8	4.8	3.4	4.2	2.5
Intentional self-harm (suicide) (X60-X84, Y87.0)	99	78	21	10.6	17.0	4.4	10.1	16.1	4.3
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	31	31	0	3.3	6.8	0.0	3.0	6.1	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	68	47	21	7.3	10.3	4.4	7.1	10.0	4.3
Assault (homicide) (X85-Y09, Y87.1)	7	6	1	0.7	1.3	0.2	0.8	1.4	0.3
Assault (homicide) by discharge of firearms (X93-X95)	3	2	1	0.3	0.4	0.2	0.4	0.4	0.3
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	4	4	0	0.4	0.9	0.0	0.5	1.0	0.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	22	13	9	2.4	2.8	1.9	2.3	2.5	2.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	22	13	9	2.4	2.8	1.9	2.3	2.5	2.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	13	7	6	1.4	1.5	1.3	1.1	1.4	0.9

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: *Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM tables 102-0551 and 102-0552).*

Table 1-5

Deaths by selected grouped causes, sex and geography — New Brunswick¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{3, 4, 5}	6,257	3,217	3,040	833.3	867.8	799.6	629.2	811.6	491.6
Salmonella infections (A01-A02)	1	0	1	0.1	0.0	0.3	0.1	0.0	0.2
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	3	1	2	0.4	0.3	0.5	0.3	0.3	0.4
Tuberculosis (A16-A19)	1	1	0	0.1	0.3	0.0	0.1	0.3	0.0
Respiratory tuberculosis (A16)	1	1	0	0.1	0.3	0.0	0.1	0.3	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	1	0	1	0.1	0.0	0.3	0.1	0.0	0.1
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	15	5	10	2.0	1.3	2.6	1.5	1.3	1.7
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	6	4	2	0.8	1.1	0.5	0.6	0.9	0.4
Human immunodeficiency virus [HIV] disease (B20-B24)	2	2	0	0.3	0.5	0.0	0.2	0.4	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	12	9	3	1.6	2.4	0.8	1.3	2.4	0.5
Malignant neoplasms (C00-C97)	1,808	988	820	240.8	266.5	215.7	189.6	245.6	152.4
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	28	18	10	3.7	4.9	2.6	3.0	4.4	1.7
Malignant neoplasm of oesophagus (C15)	31	22	9	4.1	5.9	2.4	3.3	5.3	1.8
Malignant neoplasm of stomach (C16)	44	31	13	5.9	8.4	3.4	4.4	7.5	2.1
Malignant neoplasms of colon, rectum and anus (C18-C21)	158	80	78	21.0	21.6	20.5	16.3	20.1	13.8
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	22	8	14	2.9	2.2	3.7	2.2	1.9	2.6
Malignant neoplasm of pancreas (C25)	97	49	48	12.9	13.2	12.6	10.3	12.4	8.9
Malignant neoplasm of larynx (C32)	12	10	2	1.6	2.7	0.5	1.2	2.2	0.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	514	330	184	68.5	89.0	48.4	55.7	82.0	36.7
Malignant melanoma of skin (C43)	23	10	13	3.1	2.7	3.4	2.7	2.5	2.9
Malignant neoplasm of breast (C50)	128	1	127	17.0	0.3	33.4	13.1	0.3	23.3
Malignant neoplasm of cervix uteri (C53)	...	...	19	...	...	5.0	...	...	3.8
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	9	...	...	2.4	...	...	1.6
Malignant neoplasm of ovary (C56)	...	...	44	...	...	11.6	...	...	8.6
Malignant neoplasm of prostate (C61)	...	123	...	...	33.2	...	...	31.5	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	44	26	18	5.9	7.0	4.7	4.7	6.5	3.1
Malignant neoplasm of bladder (C67)	41	30	11	5.5	8.1	2.9	4.1	7.6	1.6
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	40	24	16	5.3	6.5	4.2	4.3	5.6	3.1
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	162	93	69	21.6	25.1	18.1	17.2	23.3	12.7
Hodgkin's disease (C81)	3	0	3	0.4	0.0	0.8	0.3	0.0	0.5
Non-Hodgkin's lymphoma (C82-C85)	71	47	24	9.5	12.7	6.3	7.5	11.7	4.6
Leukaemia (C91-C95)	52	26	26	6.9	7.0	6.8	5.6	6.6	4.8
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	36	20	16	4.8	5.4	4.2	3.8	5.0	2.9
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	269	133	136	35.8	35.9	35.8	27.5	32.7	23.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	29	18	11	3.9	4.9	2.9	3.2	4.7	1.7
Anaemias (D50-D64)	23	5	18	3.1	1.3	4.7	2.0	1.3	2.4
Diabetes mellitus (E10-E14)	262	143	119	34.9	38.6	31.3	25.6	35.6	18.5
Nutritional deficiencies (E40-E64)	9	2	7	1.2	0.5	1.8	0.8	0.4	1.0
Malnutrition (E40-E46)	5	1	4	0.7	0.3	1.1	0.5	0.2	0.6
Other nutritional deficiencies (E50-E64)	4	1	3	0.5	0.3	0.8	0.3	0.2	0.3
Meningitis (G00, G03)	2	1	1	0.3	0.3	0.3	0.3	0.4	0.1
Parkinson's disease (G20-G21)	30	17	13	4.0	4.6	3.4	2.9	4.3	2.0
Alzheimer's disease (G30)	164	53	111	21.8	14.3	29.2	14.2	14.0	14.5
Major cardiovascular diseases (I00-I78)	2,135	1,048	1,087	284.3	282.7	285.9	205.1	262.2	158.7
Diseases of heart (I00-I09, I11, I13, I20-I51)	1,568	826	742	208.8	222.8	195.2	151.6	206.3	107.7
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	8	1	7	1.1	0.3	1.8	0.8	0.3	1.2
Hypertensive heart disease (I11)	16	6	10	2.1	1.6	2.6	1.4	1.5	1.2
Hypertensive heart and renal disease (I13)	2	0	2	0.3	0.0	0.5	0.2	0.0	0.3
Ischaemic heart diseases (I20-I25)	1,088	603	485	144.9	162.7	127.6	105.6	150.5	69.4
Acute myocardial infarction (I21-I22)	572	333	239	76.2	89.8	62.9	56.8	82.3	36.4
Other acute ischaemic heart diseases (I24)	7	5	2	0.9	1.3	0.5	0.7	1.3	0.4

See footnotes at the end of the table.

Table 1-5 – continued

Deaths by selected grouped causes, sex and geography — New Brunswick¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	509	265	244	67.8	71.5	64.2	48.1	66.8	32.6
Atherosclerotic cardiovascular disease, so described (I25.0)	3	3	0	0.4	0.8	0.0	0.3	0.7	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	506	262	244	67.4	70.7	64.2	47.7	66.1	32.6
Other heart diseases (I26-I51)	454	216	238	60.5	58.3	62.6	43.6	54.1	35.5
Acute and subacute endocarditis (I33)	2	2	0	0.3	0.5	0.0	0.2	0.5	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	5	1	4	0.7	0.3	1.1	0.6	0.3	0.8
Heart failure (I50)	185	83	102	24.6	22.4	26.8	16.6	21.2	13.7
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	262	130	132	34.9	35.1	34.7	26.2	32.2	21.0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	40	10	30	5.3	2.7	7.9	3.8	2.6	4.5
Cerebrovascular diseases (I60-I69)	411	145	266	54.7	39.1	70.0	38.4	36.3	38.7
Atherosclerosis (I70)	13	9	4	1.7	2.4	1.1	1.2	2.2	0.6
Other diseases of circulatory system (I71-I78)	103	58	45	13.7	15.6	11.8	10.1	14.8	7.1
Aortic aneurysm and dissection (I71)	64	39	25	8.5	10.5	6.6	6.4	9.8	4.2
Other diseases of arteries, arterioles and capillaries (I72-I78)	39	19	20	5.2	5.1	5.3	3.7	5.0	2.9
Other disorders of circulatory system (I80-I99)	13	9	4	1.7	2.4	1.1	1.4	2.1	0.7
Influenza and pneumonia (J10-J18)	136	68	68	18.1	18.3	17.9	12.3	17.6	8.8
Influenza (J10-J11)	11	4	7	1.5	1.1	1.8	1.0	1.0	0.8
Pneumonia (J12-J18)	125	64	61	16.6	17.3	16.0	11.3	16.6	7.9
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	300	165	135	40.0	44.5	35.5	29.5	42.4	22.1
Bronchitis, chronic and unspecified (J40-J42)	3	1	2	0.4	0.3	0.5	0.3	0.3	0.2
Emphysema (J43)	19	11	8	2.5	3.0	2.1	2.1	2.7	1.6
Asthma (J45-J46)	13	6	7	1.7	1.6	1.8	1.2	1.5	1.1
Other chronic lower respiratory diseases (J44, J47)	265	147	118	35.3	39.7	31.0	25.9	37.9	19.2
Pneumoconioses and chemical effects (J60-J66, J68)	1	1	0	0.1	0.3	0.0	0.1	0.2	0.0
Pneumonitis due to solids and liquids (J69)	18	7	11	2.4	1.9	2.9	1.8	1.8	1.6
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	66	35	31	8.8	9.4	8.2	6.8	8.9	5.4
Peptic ulcer (K25-K28)	7	1	6	0.9	0.3	1.6	0.7	0.3	1.0
Diseases of appendix (K35-K38)	1	0	1	0.1	0.0	0.3	0.1	0.0	0.1
Hernia (K40-K46)	7	4	3	0.9	1.1	0.8	0.7	0.9	0.4
Chronic liver disease and cirrhosis (K70, K73-K74)	53	35	18	7.1	9.4	4.7	5.7	8.0	3.6
Alcoholic liver disease (K70)	19	16	3	2.5	4.3	0.8	2.0	3.4	0.7
Other chronic liver disease and cirrhosis (K73-K74)	34	19	15	4.5	5.1	3.9	3.7	4.6	3.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	6	2	4	0.8	0.5	1.1	0.6	0.5	0.7
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	123	61	62	16.4	16.5	16.3	11.6	15.5	9.4
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	0	1	0.1	0.0	0.3	0.1	0.0	0.1
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	1	1	0	0.1	0.3	0.0	0.1	0.3	0.0
Renal failure (N17-N19)	120	59	61	16.0	15.9	16.0	11.3	14.9	9.3
Other disorders of kidney (N25, N27)	1	1	0	0.1	0.3	0.0	0.1	0.3	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	2	0	2	0.3	0.0	0.5	0.2	0.0	0.4
Hyperplasia of prostate (N40)	...	2	...	...	0.5	...	...	0.6	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	17	9	8	2.3	2.4	2.1	3.4	3.6	3.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	23	8	15	3.1	2.2	3.9	3.5	2.8	4.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	67	27	40	8.9	7.3	10.5	6.1	7.2	5.3
All other diseases (residual) ⁷	501	212	289	66.7	57.2	76.0	48.8	53.0	45.1
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	302	190	112	40.2	51.3	29.5	35.1	51.0	19.9
Transport accidents (V01-V99, Y85)	104	81	23	13.9	21.8	6.0	14.2	22.6	5.8
Motor vehicle accidents ⁸	98	76	22	13.1	20.5	5.8	13.4	21.3	5.6
Other land transport accidents ⁹	2	1	1	0.3	0.3	0.3	0.3	0.3	0.3
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	4	4	0	0.5	1.1	0.0	0.5	1.0	0.0
Nontransport accidents (W00-X59, Y86)	198	109	89	26.4	29.4	23.4	21.0	28.4	14.0
Falls (W00-W19)	54	24	30	7.2	6.5	7.9	5.1	6.2	4.0
Accidental discharge of firearms (W32-W34)	3	3	0	0.4	0.8	0.0	0.4	0.8	0.0
Accidental drowning and submersion (W65-W74)	13	13	0	1.7	3.5	0.0	1.7	3.4	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	7	2	5	0.9	0.5	1.3	1.0	0.6	1.2

See footnotes at the end of the table.

Table 1-5 – continued

Deaths by selected grouped causes, sex and geography — New Brunswick¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	33	24	9	4.4	6.5	2.4	4.0	5.9	2.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	88	43	45	11.7	11.6	11.8	8.7	11.4	6.6
Intentional self-harm (suicide) (X60-X84, Y87.0)	91	75	16	12.1	20.2	4.2	11.1	18.9	3.5
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	26	22	4	3.5	5.9	1.1	3.1	5.5	0.8
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	65	53	12	8.7	14.3	3.2	8.0	13.4	2.7
Assault (homicide) (X85-Y09, Y87.1)	7	3	4	0.9	0.8	1.1	0.9	0.9	1.1
Assault (homicide) by discharge of firearms (X93-X95)	3	1	2	0.4	0.3	0.5	0.4	0.4	0.4
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	4	2	2	0.5	0.5	0.5	0.5	0.5	0.7
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	3	2	1	0.4	0.5	0.3	0.3	0.5	0.2
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	3	2	1	0.4	0.5	0.3	0.3	0.5	0.2
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	8	4	4	1.1	1.1	1.1	0.7	1.0	0.5

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: *Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM tables 102-0551 and 102-0552).*

Table 1-6

Deaths by selected grouped causes, sex and geography — Quebec¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{3, 4, 5}	54,927	27,715	27,212	733.1	749.7	717.0	590.1	756.5	470.0
Salmonella infections (A01-A02)	2	0	2	0.0	0.0	0.1	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	361	139	222	4.8	3.8	5.8	3.8	4.2	3.6
Tuberculosis (A16-A19)	21	10	11	0.3	0.3	0.3	0.2	0.3	0.2
Respiratory tuberculosis (A16)	17	8	9	0.2	0.2	0.2	0.2	0.2	0.2
Other tuberculosis (A17-A19)	4	2	2	0.1	0.1	0.1	0.0	0.1	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	6	3	3	0.1	0.1	0.1	0.1	0.1	0.1
Septicaemia (A40-A41)	370	193	177	4.9	5.2	4.7	3.9	5.4	3.1
Syphilis (A50-A53)	2	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	83	52	31	1.1	1.4	0.8	0.9	1.2	0.6
Human immunodeficiency virus [HIV] disease (B20-B24)	129	116	13	1.7	3.1	0.3	1.5	2.6	0.4
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	118	59	59	1.6	1.6	1.6	1.3	1.7	1.1
Malignant neoplasms (C00-C97)	17,399	9,249	8,150	232.2	250.2	214.7	187.8	240.7	152.7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	259	180	79	3.5	4.9	2.1	2.8	4.4	1.5
Malignant neoplasm of oesophagus (C15)	270	209	61	3.6	5.7	1.6	2.9	5.2	1.1
Malignant neoplasm of stomach (C16)	542	317	225	7.2	8.6	5.9	5.9	8.3	4.1
Malignant neoplasms of colon, rectum and anus (C18-C21)	2,050	1,072	978	27.4	29.0	25.8	21.9	28.1	17.3
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	373	215	158	5.0	5.8	4.2	4.0	5.6	2.8
Malignant neoplasm of pancreas (C25)	894	427	467	11.9	11.6	12.3	9.6	10.7	8.5
Malignant neoplasm of larynx (C32)	167	136	31	2.2	3.7	0.8	1.8	3.4	0.6
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	5,331	3,284	2,047	71.2	88.8	53.9	57.7	83.7	39.9
Malignant melanoma of skin (C43)	124	75	49	1.7	2.0	1.3	1.3	1.8	1.0
Malignant neoplasm of breast (C50)	1,277	10	1,267	17.0	0.3	33.4	13.5	0.3	23.9
Malignant neoplasm of cervix uteri (C53)	...	...	61	...	...	1.6	...	...	1.3
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	204	...	...	5.4	...	...	3.8
Malignant neoplasm of ovary (C56)	...	...	325	...	...	8.6	...	...	6.1
Malignant neoplasm of prostate (C61)	...	768	...	...	20.8	...	...	22.3	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	356	232	124	4.8	6.3	3.3	3.8	5.8	2.3
Malignant neoplasm of bladder (C67)	386	261	125	5.2	7.1	3.3	4.1	7.2	2.1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	420	237	183	5.6	6.4	4.8	4.8	5.8	3.9
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	1,527	841	686	20.4	22.7	18.1	16.6	21.9	12.8
Hodgkin's disease (C81)	23	11	12	0.3	0.3	0.3	0.3	0.3	0.2
Non-Hodgkin's lymphoma (C82-C85)	622	341	281	8.3	9.2	7.4	6.8	8.8	5.3
Leukaemia (C91-C95)	572	325	247	7.6	8.8	6.5	6.2	8.5	4.6
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	310	164	146	4.1	4.4	3.8	3.4	4.3	2.7
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	2,065	985	1,080	27.6	26.6	28.5	22.3	26.2	19.6
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	271	128	143	3.6	3.5	3.8	2.9	3.7	2.4
Anaemias (D50-D64)	137	56	81	1.8	1.5	2.1	1.4	1.8	1.2
Diabetes mellitus (E10-E14)	1,699	823	876	22.7	22.3	23.1	18.0	22.3	14.8
Nutritional deficiencies (E40-E64)	92	39	53	1.2	1.1	1.4	0.9	1.2	0.8
Malnutrition (E40-E46)	80	31	49	1.1	0.8	1.3	0.8	1.0	0.7
Other nutritional deficiencies (E50-E64)	12	8	4	0.2	0.2	0.1	0.1	0.2	0.1
Meningitis (G00, G03)	16	10	6	0.2	0.3	0.2	0.2	0.3	0.2
Parkinson's disease (G20-G21)	464	231	233	6.2	6.2	6.1	4.8	6.7	3.8
Alzheimer's disease (G30)	1,752	459	1,293	23.4	12.4	34.1	17.8	14.2	19.3
Major cardiovascular diseases (I00-I78)	15,931	7,939	7,992	212.6	214.8	210.6	167.1	219.2	128.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	11,995	6,215	5,780	160.1	168.1	152.3	125.9	170.1	93.0
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	170	61	109	2.3	1.7	2.9	1.8	1.6	2.0
Hypertensive heart disease (I11)	69	24	45	0.9	0.6	1.2	0.7	0.7	0.7
Hypertensive heart and renal disease (I13)	30	11	19	0.4	0.3	0.5	0.3	0.3	0.3
Ischaemic heart diseases (I20-I25)	9,056	4,905	4,151	120.9	132.7	109.4	94.9	133.1	66.5
Acute myocardial infarction (I21-I22)	5,151	2,926	2,225	68.8	79.1	58.6	54.3	77.6	36.5
Other acute ischaemic heart diseases (I24)	262	135	127	3.5	3.7	3.3	2.7	3.6	2.0

See footnotes at the end of the table.

Table 1-6 – continued

Deaths by selected grouped causes, sex and geography — Quebec¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	3,643	1,844	1,799	48.6	49.9	47.4	37.9	51.9	28.1
Atherosclerotic cardiovascular disease, so described (I25.0)	41	20	21	0.5	0.5	0.6	0.4	0.6	0.3
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,602	1,824	1,778	48.1	49.3	46.8	37.5	51.3	27.7
Other heart diseases (I26-I51)	2,670	1,214	1,456	35.6	32.8	38.4	28.1	34.4	23.5
Acute and subacute endocarditis (I33)	22	11	11	0.3	0.3	0.3	0.2	0.3	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	31	16	15	0.4	0.4	0.4	0.4	0.4	0.3
Heart failure (I50)	945	416	529	12.6	11.3	13.9	9.8	12.2	8.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,672	771	901	22.3	20.9	23.7	17.8	21.5	14.9
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	242	71	171	3.2	1.9	4.5	2.5	2.1	2.6
Cerebrovascular diseases (I60-I69)	2,866	1,191	1,675	38.3	32.2	44.1	29.9	34.1	27.0
Atherosclerosis (I70)	147	69	78	2.0	1.9	2.1	1.5	2.1	1.2
Other diseases of circulatory system (I71-I78)	681	393	288	9.1	10.6	7.6	7.3	10.8	4.8
Aortic aneurysm and dissection (I71)	454	283	171	6.1	7.7	4.5	4.9	7.8	2.9
Other diseases of arteries, arterioles and capillaries (I72-I78)	227	110	117	3.0	3.0	3.1	2.4	3.1	1.9
Other disorders of circulatory system (I80-I99)	100	47	53	1.3	1.3	1.4	1.1	1.3	0.9
Influenza and pneumonia (J10-J18)	769	336	433	10.3	9.1	11.4	8.0	10.4	6.8
Influenza (J10-J11)	15	7	8	0.2	0.2	0.2	0.2	0.2	0.1
Pneumonia (J12-J18)	754	329	425	10.1	8.9	11.2	7.8	10.2	6.6
Other acute lower respiratory infections (J20-J22)	31	12	19	0.4	0.3	0.5	0.3	0.4	0.3
Acute bronchitis and bronchiolitis (J20-J21)	27	10	17	0.4	0.3	0.4	0.3	0.3	0.3
Unspecified acute lower respiratory infection (J22)	4	2	2	0.1	0.1	0.1	0.0	0.1	0.0
Chronic lower respiratory diseases (J40-J47)	2,750	1,526	1,224	36.7	41.3	32.2	29.0	44.7	20.8
Bronchitis, chronic and unspecified (J40-J42)	63	26	37	0.8	0.7	1.0	0.6	0.7	0.5
Emphysema (J43)	194	120	74	2.6	3.2	1.9	2.1	3.2	1.3
Asthma (J45-J46)	45	14	31	0.6	0.4	0.8	0.5	0.4	0.6
Other chronic lower respiratory diseases (J44, J47)	2,448	1,366	1,082	32.7	37.0	28.5	25.8	40.4	18.4
Pneumoconioses and chemical effects (J60-J66, J68)	23	23	0	0.3	0.6	0.0	0.3	0.6	0.0
Pneumonitis due to solids and liquids (J69)	245	120	125	3.3	3.2	3.3	2.6	3.4	2.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	607	310	297	8.1	8.4	7.8	6.4	8.5	5.1
Peptic ulcer (K25-K28)	68	32	36	0.9	0.9	0.9	0.7	0.9	0.6
Diseases of appendix (K35-K38)	11	7	4	0.1	0.2	0.1	0.1	0.2	0.1
Hernia (K40-K46)	64	24	40	0.9	0.6	1.1	0.7	0.7	0.6
Chronic liver disease and cirrhosis (K70, K73-K74)	616	401	215	8.2	10.8	5.7	6.7	9.6	4.2
Alcoholic liver disease (K70)	252	202	50	3.4	5.5	1.3	2.7	4.7	1.0
Other chronic liver disease and cirrhosis (K73-K74)	364	199	165	4.9	5.4	4.3	4.0	4.8	3.1
Cholelithiasis and other disorders of gallbladder (K80-K82)	74	30	44	1.0	0.8	1.2	0.8	0.9	0.7
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	908	450	458	12.1	12.2	12.1	9.5	13.0	7.3
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	7	3	4	0.1	0.1	0.1	0.1	0.1	0.1
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	6	5	1	0.1	0.1	0.0	0.1	0.2	0.0
Renal failure (N17-N19)	894	442	452	11.9	12.0	11.9	9.3	12.8	7.2
Other disorders of kidney (N25, N27)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	34	13	21	0.5	0.4	0.6	0.3	0.4	0.3
Hyperplasia of prostate (N40)	...	9	...	...	0.2	...	...	0.3	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	2	...	...	0.1	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	3	...	...	0.1	...	...	0.1
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	3	...	...	0.1	...	...	0.1
Certain conditions originating in the perinatal period (P00-P96)	191	100	91	2.5	2.7	2.4	3.7	3.8	3.6
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	182	90	92	2.4	2.4	2.4	2.8	2.8	2.8
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	407	198	209	5.4	5.4	5.5	4.5	5.5	3.6
All other diseases (residual) ⁷	5,550	2,212	3,338	74.1	59.8	87.9	58.3	63.2	54.0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	1,999	1,169	830	26.7	31.6	21.9	23.5	32.3	15.5
Transport accidents (V01-V99, Y85)	710	508	202	9.5	13.7	5.3	9.2	13.6	5.1
Motor vehicle accidents ⁸	665	467	198	8.9	12.6	5.2	8.7	12.5	5.0
Other land transport accidents ⁹	5	3	2	0.1	0.1	0.1	0.0	0.1	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	40	38	2	0.5	1.0	0.1	0.5	1.0	0.0
Nontransport accidents (W00-X59, Y86)	1,289	661	628	17.2	17.9	16.5	14.3	18.7	10.5
Falls (W00-W19)	275	161	114	3.7	4.4	3.0	3.0	4.5	2.0
Accidental discharge of firearms (W32-W34)	10	10	0	0.1	0.3	0.0	0.1	0.3	0.0
Accidental drowning and submersion (W65-W74)	50	38	12	0.7	1.0	0.3	0.7	1.0	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	45	31	14	0.6	0.8	0.4	0.5	0.8	0.3

See footnotes at the end of the table.

Table 1-6 – continued

Deaths by selected grouped causes, sex and geography — Quebec¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	144	102	42	1.9	2.8	1.1	1.9	2.7	1.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	765	319	446	10.2	8.6	11.8	8.1	9.4	6.9
Intentional self-harm (suicide) (X60-X84, Y87.0)	1,260	982	278	16.8	26.6	7.3	15.8	25.0	6.8
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	173	161	12	2.3	4.4	0.3	2.1	3.9	0.3
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	1,087	821	266	14.5	22.2	7.0	13.7	21.0	6.5
Assault (homicide) (X85-Y09, Y87.1)	88	60	28	1.2	1.6	0.7	1.1	1.6	0.7
Assault (homicide) by discharge of firearms (X93-X95)	30	26	4	0.4	0.7	0.1	0.4	0.7	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	58	34	24	0.8	0.9	0.6	0.7	0.9	0.6
Legal intervention (Y35, Y89.0)	4	4	0	0.1	0.1	0.0	0.1	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	50	41	9	0.7	1.1	0.2	0.7	1.1	0.2
Discharge of firearms, undetermined intent (Y22-Y24)	2	2	0	0.0	0.1	0.0	0.0	0.1	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	48	39	9	0.6	1.1	0.2	0.6	1.0	0.2
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	29	12	17	0.4	0.3	0.4	0.3	0.3	0.3

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: *Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM tables 102-0551 and 102-0552).*

Table 1-7

Deaths by selected grouped causes, sex and geography — Ontario¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	84,207	42,598	41,609	687.0	703.6	670.9	580.8	719.4	475.8
Salmonella infections (A01-A02)	3	0	3	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	113	53	60	0.9	0.9	1.0	0.8	1.0	0.6
Tuberculosis (A16-A19)	30	17	13	0.2	0.3	0.2	0.2	0.3	0.2
Respiratory tuberculosis (A16)	20	12	8	0.2	0.2	0.1	0.1	0.2	0.1
Other tuberculosis (A17-A19)	10	5	5	0.1	0.1	0.1	0.1	0.1	0.1
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	8	2	6	0.1	0.0	0.1	0.1	0.0	0.1
Septicaemia (A40-A41)	643	302	341	5.2	5.0	5.5	4.4	5.2	3.8
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	160	105	55	1.3	1.7	0.9	1.1	1.5	0.7
Human immunodeficiency virus [HIV] disease (B20-B24)	137	118	19	1.1	1.9	0.3	1.0	1.8	0.3
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	163	85	78	1.3	1.4	1.3	1.1	1.4	0.9
Malignant neoplasms (C00-C97)	24,535	12,838	11,697	200.2	212.0	188.6	172.8	210.2	147.1
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	368	257	111	3.0	4.2	1.8	2.6	4.1	1.4
Malignant neoplasm of oesophagus (C15)	571	416	155	4.7	6.9	2.5	4.0	6.6	1.9
Malignant neoplasm of stomach (C16)	742	469	273	6.1	7.7	4.4	5.2	7.6	3.4
Malignant neoplasms of colon, rectum and anus (C18-C21)	2,560	1,404	1,156	20.9	23.2	18.6	17.9	23.0	13.9
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	606	417	189	4.9	6.9	3.0	4.3	6.6	2.4
Malignant neoplasm of pancreas (C25)	1,240	592	648	10.1	9.8	10.4	8.7	9.5	8.0
Malignant neoplasm of larynx (C32)	157	130	27	1.3	2.1	0.4	1.1	2.1	0.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	5,939	3,426	2,513	48.5	56.6	40.5	42.5	55.4	32.7
Malignant melanoma of skin (C43)	318	207	111	2.6	3.4	1.8	2.2	3.2	1.4
Malignant neoplasm of breast (C50)	1,924	12	1,912	15.7	0.2	30.8	13.4	0.2	24.2
Malignant neoplasm of cervix uteri (C53)	...	...	150	...	...	2.4	...	...	2.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	301	...	...	4.9	...	...	3.8
Malignant neoplasm of ovary (C56)	...	...	641	...	...	10.3	...	...	8.3
Malignant neoplasm of prostate (C61)	...	1,372	...	...	22.7	...	...	23.9	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	518	321	197	4.2	5.3	3.2	3.7	5.2	2.4
Malignant neoplasm of bladder (C67)	623	429	194	5.1	7.1	3.1	4.3	7.3	2.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	576	325	251	4.7	5.4	4.0	4.2	5.0	3.4
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	2,509	1,370	1,139	20.5	22.6	18.4	17.7	22.4	14.2
Hodgkin's disease (C81)	57	33	24	0.5	0.5	0.4	0.4	0.5	0.3
Non-Hodgkin's lymphoma (C82-C85)	1,017	531	486	8.3	8.8	7.8	7.2	8.6	6.1
Leukaemia (C91-C95)	902	522	380	7.4	8.6	6.1	6.4	8.6	4.7
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	530	283	247	4.3	4.7	4.0	3.7	4.6	3.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	3	1	2	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	3,420	1,691	1,729	27.9	27.9	27.9	23.9	28.0	21.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	593	309	284	4.8	5.1	4.6	4.1	5.3	3.3
Anaemias (D50-D64)	195	78	117	1.6	1.3	1.9	1.3	1.4	1.2
Diabetes mellitus (E10-E14)	3,303	1,689	1,614	26.9	27.9	26.0	22.6	28.0	18.3
Nutritional deficiencies (E40-E64)	45	18	27	0.4	0.3	0.4	0.3	0.3	0.3
Malnutrition (E40-E46)	36	13	23	0.3	0.2	0.4	0.2	0.2	0.3
Other nutritional deficiencies (E50-E64)	9	5	4	0.1	0.1	0.1	0.1	0.1	0.0
Meningitis (G00, G03)	14	9	5	0.1	0.1	0.1	0.1	0.1	0.1
Parkinson's disease (G20-G21)	634	358	276	5.2	5.9	4.5	4.2	6.2	2.9
Alzheimer's disease (G30)	1,927	575	1,352	15.7	9.5	21.8	12.4	10.5	13.2
Major cardiovascular diseases (I00-I78)	28,132	14,121	14,011	229.5	233.2	225.9	188.6	241.5	147.9
Diseases of heart (I00-I09, I11, I13, I20-I51)	20,215	10,686	9,529	164.9	176.5	153.6	136.1	181.5	101.1
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	163	59	104	1.3	1.0	1.7	1.1	1.0	1.2
Hypertensive heart disease (I11)	219	89	130	1.8	1.5	2.1	1.5	1.5	1.3
Hypertensive heart and renal disease (I13)	46	21	25	0.4	0.3	0.4	0.3	0.4	0.3
Ischaemic heart diseases (I20-I25)	16,253	8,939	7,314	132.6	147.6	117.9	109.5	151.2	77.5
Acute myocardial infarction (I21-I22)	6,958	3,947	3,011	56.8	65.2	48.5	47.2	65.8	32.6
Other acute ischaemic heart diseases (I24)	291	148	143	2.4	2.4	2.3	2.0	2.5	1.6

See footnotes at the end of the table.

Table 1-7 – continued

Deaths by selected grouped causes, sex and geography — Ontario¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	9,004	4,844	4,160	73.5	80.0	67.1	60.4	82.8	43.3
Atherosclerotic cardiovascular disease, so described (I25.0)	425	250	175	3.5	4.1	2.8	2.9	4.1	1.9
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	8,579	4,594	3,985	70.0	75.9	64.3	57.4	78.7	41.4
Other heart diseases (I26-I51)	3,534	1,578	1,956	28.8	26.1	31.5	23.7	27.5	20.8
Acute and subacute endocarditis (I33)	41	24	17	0.3	0.4	0.3	0.3	0.4	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	20	10	10	0.2	0.2	0.2	0.1	0.2	0.1
Heart failure (I50)	1,217	487	730	9.9	8.0	11.8	7.9	9.0	7.2
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	2,256	1,057	1,199	18.4	17.5	19.3	15.4	18.0	13.2
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	445	169	276	3.6	2.8	4.5	2.9	2.9	2.8
Cerebrovascular diseases (I60-I69)	5,887	2,473	3,414	48.0	40.8	55.0	38.9	43.3	35.7
Atherosclerosis (I70)	431	170	261	3.5	2.8	4.2	2.8	3.1	2.5
Other diseases of circulatory system (I71-I78)	1,154	623	531	9.4	10.3	8.6	7.8	10.7	5.9
Aortic aneurysm and dissection (I71)	701	421	280	5.7	7.0	4.5	4.8	7.2	3.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	453	202	251	3.7	3.3	4.0	3.1	3.5	2.8
Other disorders of circulatory system (I80-I99)	167	61	106	1.4	1.0	1.7	1.2	1.0	1.3
Influenza and pneumonia (J10-J18)	1,972	854	1,118	16.1	14.1	18.0	12.9	15.9	11.3
Influenza (J10-J11)	93	36	57	0.8	0.6	0.9	0.6	0.7	0.6
Pneumonia (J12-J18)	1,879	818	1,061	15.3	13.5	17.1	12.3	15.2	10.7
Other acute lower respiratory infections (J20-J22)	14	4	10	0.1	0.1	0.2	0.1	0.1	0.1
Acute bronchitis and bronchiolitis (J20-J21)	5	0	5	0.0	0.0	0.1	0.0	0.0	0.1
Unspecified acute lower respiratory infection (J22)	9	4	5	0.1	0.1	0.1	0.1	0.1	0.0
Chronic lower respiratory diseases (J40-J47)	3,541	1,834	1,707	28.9	30.3	27.5	23.9	32.0	19.3
Bronchitis, chronic and unspecified (J40-J42)	42	19	23	0.3	0.3	0.4	0.3	0.4	0.3
Emphysema (J43)	231	146	85	1.9	2.4	1.4	1.6	2.4	1.0
Asthma (J45-J46)	109	40	69	0.9	0.7	1.1	0.8	0.7	0.9
Other chronic lower respiratory diseases (J44, J47)	3,159	1,629	1,530	25.8	26.9	24.7	21.3	28.5	17.2
Pneumoconioses and chemical effects (J60-J66, J68)	20	19	1	0.2	0.3	0.0	0.1	0.3	0.0
Pneumonitis due to solids and liquids (J69)	366	201	165	3.0	3.3	2.7	2.4	3.6	1.8
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	764	431	333	6.2	7.1	5.4	5.3	7.3	3.8
Peptic ulcer (K25-K28)	172	84	88	1.4	1.4	1.4	1.2	1.4	1.0
Diseases of appendix (K35-K38)	18	12	6	0.1	0.2	0.1	0.1	0.2	0.1
Hernia (K40-K46)	92	43	49	0.8	0.7	0.8	0.6	0.7	0.5
Chronic liver disease and cirrhosis (K70, K73-K74)	913	616	297	7.4	10.2	4.8	6.5	9.4	4.0
Alcoholic liver disease (K70)	459	343	116	3.7	5.7	1.9	3.3	5.1	1.7
Other chronic liver disease and cirrhosis (K73-K74)	454	273	181	3.7	4.5	2.9	3.2	4.3	2.3
Cholelithiasis and other disorders of gallbladder (K80-K82)	136	73	63	1.1	1.2	1.0	0.9	1.3	0.7
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	1,238	618	620	10.1	10.2	10.0	8.2	11.0	6.6
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	10	4	6	0.1	0.1	0.1	0.1	0.1	0.1
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	21	8	13	0.2	0.1	0.2	0.2	0.1	0.2
Renal failure (N17-N19)	1,205	606	599	9.8	10.0	9.7	7.9	10.8	6.4
Other disorders of kidney (N25, N27)	2	0	2	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	24	6	18	0.2	0.1	0.3	0.2	0.1	0.2
Hyperplasia of prostate (N40)	...	22	...	...	0.4	...	...	0.4	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	7	...	...	0.1	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	17	...	...	0.3	...	...	0.3
Pregnancy with abortive outcome (O00-O07)	...	...	2	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	15	...	...	0.2	...	...	0.3
Certain conditions originating in the perinatal period (P00-P96)	418	229	189	3.4	3.8	3.0	4.6	4.9	4.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	353	175	178	2.9	2.9	2.9	3.3	3.3	3.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	1,485	830	655	12.1	13.7	10.6	10.8	13.6	8.0
All other diseases (residual) ⁷	7,189	2,934	4,255	58.7	48.5	68.6	48.7	50.4	46.3
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3,170	1,811	1,359	25.9	29.9	21.9	23.0	30.7	16.1
Transport accidents (V01-V99, Y85)	929	650	279	7.6	10.7	4.5	7.5	10.8	4.3
Motor vehicle accidents ⁸	848	583	265	6.9	9.6	4.3	6.9	9.8	4.0
Other land transport accidents ⁹	22	20	2	0.2	0.3	0.0	0.2	0.3	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	59	47	12	0.5	0.8	0.2	0.5	0.7	0.2
Nontransport accidents (W00-X59, Y86)	2,241	1,161	1,080	18.3	19.2	17.4	15.5	19.9	11.8
Falls (W00-W19)	964	475	489	7.9	7.8	7.9	6.4	8.2	5.1
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	86	69	17	0.7	1.1	0.3	0.7	1.1	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	65	39	26	0.5	0.6	0.4	0.5	0.6	0.4

See footnotes at the end of the table.

Table 1-7 – continued

Deaths by selected grouped causes, sex and geography — Ontario¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	311	210	101	2.5	3.5	1.6	2.4	3.4	1.5
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	815	368	447	6.6	6.1	7.2	5.5	6.5	4.6
Intentional self-harm (suicide) (X60-X84, Y87.0)	1,038	783	255	8.5	12.9	4.1	8.0	12.6	3.8
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	132	129	3	1.1	2.1	0.0	1.0	2.0	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	906	654	252	7.4	10.8	4.1	7.0	10.6	3.7
Assault (homicide) (X85-Y09, Y87.1)	156	113	43	1.3	1.9	0.7	1.3	1.9	0.7
Assault (homicide) by discharge of firearms (X93-X95)	49	44	5	0.4	0.7	0.1	0.4	0.8	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	107	69	38	0.9	1.1	0.6	0.9	1.1	0.6
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	202	135	67	1.6	2.2	1.1	1.5	2.1	1.0
Discharge of firearms, undetermined intent (Y22-Y24)	2	2	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	200	133	67	1.6	2.2	1.1	1.5	2.1	1.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	77	32	45	0.6	0.5	0.7	0.5	0.5	0.5

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: *Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM tables 102-0551 and 102-0552).*

Table 1-8

Deaths by selected grouped causes, sex and geography — Manitoba¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{3, 4, 5}	9,867	4,974	4,893	849.5	863.3	835.9	632.4	800.3	508.5
Salmonella infections (A01-A02)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	11	6	5	0.9	1.0	0.9	0.6	0.9	0.4
Tuberculosis (A16-A19)	7	4	3	0.6	0.7	0.5	0.5	0.6	0.5
Respiratory tuberculosis (A16)	5	4	1	0.4	0.7	0.2	0.3	0.6	0.2
Other tuberculosis (A17-A19)	2	0	2	0.2	0.0	0.3	0.2	0.0	0.3
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	59	28	31	5.1	4.9	5.3	3.8	4.5	3.3
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	5	3	2	0.4	0.5	0.3	0.4	0.4	0.3
Human immunodeficiency virus [HIV] disease (B20-B24)	10	6	4	0.9	1.0	0.7	0.9	1.0	0.7
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	27	17	10	2.3	3.0	1.7	1.9	2.8	1.0
Malignant neoplasms (C00-C97)	2,568	1,342	1,226	221.1	232.9	209.4	175.8	216.3	149.0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	48	28	20	4.1	4.9	3.4	3.5	4.5	2.4
Malignant neoplasm of oesophagus (C15)	55	40	15	4.7	6.9	2.6	3.8	6.3	1.7
Malignant neoplasm of stomach (C16)	74	48	26	6.4	8.3	4.4	5.0	7.8	3.2
Malignant neoplasms of colon, rectum and anus (C18-C21)	268	146	122	23.1	25.3	20.8	18.1	23.5	13.8
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	55	31	24	4.7	5.4	4.1	3.9	4.9	3.0
Malignant neoplasm of pancreas (C25)	136	67	69	11.7	11.6	11.8	9.2	10.9	7.7
Malignant neoplasm of larynx (C32)	10	7	3	0.9	1.2	0.5	0.8	1.2	0.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	619	333	286	53.3	57.8	48.9	44.6	54.2	37.7
Malignant melanoma of skin (C43)	26	16	10	2.2	2.8	1.7	1.8	2.7	1.1
Malignant neoplasm of breast (C50)	223	1	222	19.2	0.2	37.9	14.9	0.1	27.0
Malignant neoplasm of cervix uteri (C53)	...	...	22	...	...	3.8	...	...	3.1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	23	...	...	3.9	...	...	3.1
Malignant neoplasm of ovary (C56)	...	...	56	...	...	9.6	...	...	6.8
Malignant neoplasm of prostate (C61)	...	173	...	...	30.0	...	...	27.4	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	55	34	21	4.7	5.9	3.6	3.8	5.5	2.4
Malignant neoplasm of bladder (C67)	57	49	8	4.9	8.5	1.4	3.7	7.9	0.8
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	37	22	15	3.2	3.8	2.6	2.7	3.4	2.1
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	277	160	117	23.8	27.8	20.0	19.1	26.0	13.4
Hodgkin's disease (C81)	2	2	0	0.2	0.3	0.0	0.2	0.3	0.0
Non-Hodgkin's lymphoma (C82-C85)	111	70	41	9.6	12.1	7.0	7.8	11.3	4.9
Leukaemia (C91-C95)	109	68	41	9.4	11.8	7.0	7.6	11.2	4.9
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	55	20	35	4.7	3.5	6.0	3.5	3.2	3.6
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	354	187	167	30.5	32.5	28.5	23.6	30.1	19.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	75	44	31	6.5	7.6	5.3	4.7	6.9	3.5
Anaemias (D50-D64)	19	7	12	1.6	1.2	2.0	1.0	1.1	0.9
Diabetes mellitus (E10-E14)	412	187	225	35.5	32.5	38.4	27.0	30.2	24.5
Nutritional deficiencies (E40-E64)	11	6	5	0.9	1.0	0.9	0.6	0.9	0.3
Malnutrition (E40-E46)	11	6	5	0.9	1.0	0.9	0.6	0.9	0.3
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningitis (G00, G03)	4	1	3	0.3	0.2	0.5	0.3	0.1	0.5
Parkinson's disease (G20-G21)	79	43	36	6.8	7.5	6.1	4.4	6.7	3.0
Alzheimer's disease (G30)	152	43	109	13.1	7.5	18.6	7.8	6.7	8.5
Major cardiovascular diseases (I00-I78)	3,200	1,580	1,620	275.5	274.2	276.7	191.3	250.0	147.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	2,278	1,206	1,072	196.1	209.3	183.1	137.9	191.2	98.4
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	12	2	10	1.0	0.3	1.7	0.7	0.3	1.0
Hypertensive heart disease (I11)	42	19	23	3.6	3.3	3.9	2.6	3.1	2.1
Hypertensive heart and renal disease (I13)	8	5	3	0.7	0.9	0.5	0.6	0.8	0.4
Ischaemic heart diseases (I20-I25)	1,710	942	768	147.2	163.5	131.2	104.6	149.5	70.9
Acute myocardial infarction (I21-I22)	691	381	310	59.5	66.1	53.0	42.5	60.1	29.5
Other acute ischaemic heart diseases (I24)	5	3	2	0.4	0.5	0.3	0.3	0.5	0.3

See footnotes at the end of the table.

Table 1-8 – continued

Deaths by selected grouped causes, sex and geography — Manitoba¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	1,014	558	456	87.3	96.8	77.9	61.8	88.9	41.0
Atherosclerotic cardiovascular disease, so described (I25.0)	54	26	28	4.6	4.5	4.8	3.3	4.1	2.9
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	960	532	428	82.6	92.3	73.1	58.6	84.9	38.2
Other heart diseases (I26-I51)	506	238	268	43.6	41.3	45.8	29.4	37.5	24.0
Acute and subacute endocarditis (I33)	2	1	1	0.2	0.2	0.2	0.1	0.1	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	1	1	0.2	0.2	0.2	0.1	0.2	0.1
Heart failure (I50)	233	89	144	20.1	15.4	24.6	12.4	13.8	11.6
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	269	147	122	23.2	25.5	20.8	16.7	23.4	12.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	50	19	31	4.3	3.3	5.3	2.6	3.1	2.3
Cerebrovascular diseases (I60-I69)	706	274	432	60.8	47.6	73.8	40.6	42.7	38.6
Atherosclerosis (I70)	28	7	21	2.4	1.2	3.6	1.6	1.1	1.7
Other diseases of circulatory system (I71-I78)	138	74	64	11.9	12.8	10.9	8.6	11.9	6.4
Aortic aneurysm and dissection (I71)	83	45	38	7.1	7.8	6.5	5.4	7.3	4.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	55	29	26	4.7	5.0	4.4	3.2	4.5	2.5
Other disorders of circulatory system (I80-I99)	15	4	11	1.3	0.7	1.9	1.0	0.6	1.3
Influenza and pneumonia (J10-J18)	252	123	129	21.7	21.3	22.0	14.3	19.0	11.3
Influenza (J10-J11)	17	9	8	1.5	1.6	1.4	1.0	1.4	0.7
Pneumonia (J12-J18)	235	114	121	20.2	19.8	20.7	13.3	17.6	10.6
Other acute lower respiratory infections (J20-J22)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
Chronic lower respiratory diseases (J40-J47)	422	233	189	36.3	40.4	32.3	25.8	36.6	19.6
Bronchitis, chronic and unspecified (J40-J42)	6	3	3	0.5	0.5	0.5	0.3	0.5	0.3
Emphysema (J43)	16	11	5	1.4	1.9	0.9	1.1	1.8	0.7
Asthma (J45-J46)	10	2	8	0.9	0.3	1.4	0.6	0.3	0.7
Other chronic lower respiratory diseases (J44, J47)	390	217	173	33.6	37.7	29.6	23.8	34.1	17.9
Pneumoconioses and chemical effects (J60-J66, J68)	4	4	0	0.3	0.7	0.0	0.3	0.7	0.0
Pneumonitis due to solids and liquids (J69)	49	21	28	4.2	3.6	4.8	2.8	3.2	2.3
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	114	67	47	9.8	11.6	8.0	7.0	10.5	4.8
Peptic ulcer (K25-K28)	23	10	13	2.0	1.7	2.2	1.5	1.6	1.3
Diseases of appendix (K35-K38)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
Hernia (K40-K46)	13	4	9	1.1	0.7	1.5	0.8	0.7	0.7
Chronic liver disease and cirrhosis (K70, K73-K74)	82	47	35	7.1	8.2	6.0	6.2	7.5	5.0
Alcoholic liver disease (K70)	46	31	15	4.0	5.4	2.6	3.7	5.1	2.4
Other chronic liver disease and cirrhosis (K73-K74)	36	16	20	3.1	2.8	3.4	2.5	2.4	2.6
Cholelithiasis and other disorders of gallbladder (K80-K82)	14	7	7	1.2	1.2	1.2	0.8	1.1	0.6
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	181	89	92	15.6	15.4	15.7	10.9	14.1	9.1
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Renal failure (N17-N19)	181	89	92	15.6	15.4	15.7	10.9	14.1	9.1
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	7	3	4	0.6	0.5	0.7	0.4	0.5	0.4
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	56	32	24	4.8	5.6	4.1	5.8	6.4	5.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	58	38	20	5.0	6.6	3.4	5.5	7.1	3.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	384	172	212	33.1	29.9	36.2	21.9	27.3	17.9
All other diseases (residual) ⁷	915	393	522	78.8	68.2	89.2	56.0	63.3	50.3
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	391	228	163	33.7	39.6	27.8	29.1	39.2	20.2
Transport accidents (V01-V99, Y85)	122	74	48	10.5	12.8	8.2	10.8	13.3	8.4
Motor vehicle accidents ⁸	109	67	42	9.4	11.6	7.2	9.6	12.0	7.4
Other land transport accidents ⁹	6	3	3	0.5	0.5	0.5	0.5	0.5	0.6
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	7	4	3	0.6	0.7	0.5	0.7	0.8	0.5
Nontransport accidents (W00-X59, Y86)	269	154	115	23.2	26.7	19.6	18.2	25.9	11.8
Falls (W00-W19)	111	56	55	9.6	9.7	9.4	6.4	9.1	4.4
Accidental discharge of firearms (W32-W34)	2	2	0	0.2	0.3	0.0	0.2	0.4	0.0
Accidental drowning and submersion (W65-W74)	15	11	4	1.3	1.9	0.7	1.3	1.9	0.7
Accidental exposure to smoke, fire and flames (X00-X09)	11	7	4	0.9	1.2	0.7	0.9	1.2	0.5

See footnotes at the end of the table.

Table 1-8 – continued

Deaths by selected grouped causes, sex and geography — Manitoba¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	36	20	16	3.1	3.5	2.7	3.0	3.5	2.5
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	94	58	36	8.1	10.1	6.1	6.4	9.7	3.7
Intentional self-harm (suicide) (X60-X84, Y87.0)	165	129	36	14.2	22.4	6.1	14.4	22.5	6.3
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	30	29	1	2.6	5.0	0.2	2.4	4.8	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	135	100	35	11.6	17.4	6.0	12.0	17.7	6.1
Assault (homicide) (X85-Y09, Y87.1)	40	34	6	3.4	5.9	1.0	3.7	6.1	1.3
Assault (homicide) by discharge of firearms (X93-X95)	3	3	0	0.3	0.5	0.0	0.3	0.6	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	37	31	6	3.2	5.4	1.0	3.4	5.5	1.3
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	25	12	13	2.2	2.1	2.2	2.0	1.9	2.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	25	12	13	2.2	2.1	2.2	2.0	1.9	2.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	15	7	8	1.3	1.2	1.4	1.0	1.1	1.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
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3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: *Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM tables 102-0551 and 102-0552).*

Table 1-9

Deaths by selected grouped causes, sex and geography — Saskatchewan¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{3, 4, 5}	9,007	4,639	4,368	905.7	938.9	873.0	615.9	781.8	483.9
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	7	4	3	0.7	0.8	0.6	0.4	0.6	0.3
Tuberculosis (A16-A19)	7	6	1	0.7	1.2	0.2	0.6	1.1	0.1
Respiratory tuberculosis (A16)	6	5	1	0.6	1.0	0.2	0.5	0.9	0.1
Other tuberculosis (A17-A19)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	58	27	31	5.8	5.5	6.2	4.2	4.6	4.0
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	11	10	1	1.1	2.0	0.2	0.9	1.6	0.2
Human immunodeficiency virus [HIV] disease (B20-B24)	8	6	2	0.8	1.2	0.4	0.9	1.3	0.5
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	27	17	10	2.7	3.4	2.0	2.1	3.0	1.3
Malignant neoplasms (C00-C97)	2,270	1,234	1,036	228.3	249.8	207.1	170.7	210.4	142.8
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	32	15	17	3.2	3.0	3.4	2.4	2.5	2.2
Malignant neoplasm of oesophagus (C15)	55	44	11	5.5	8.9	2.2	4.2	7.7	1.2
Malignant neoplasm of stomach (C16)	49	35	14	4.9	7.1	2.8	3.4	6.1	1.2
Malignant neoplasms of colon, rectum and anus (C18-C21)	219	111	108	22.0	22.5	21.6	16.6	19.4	14.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	38	17	21	3.8	3.4	4.2	2.9	2.9	2.9
Malignant neoplasm of pancreas (C25)	114	65	49	11.5	13.2	9.8	8.6	11.4	6.3
Malignant neoplasm of larynx (C32)	14	7	7	1.4	1.4	1.4	1.1	1.2	1.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	542	309	233	54.5	62.5	46.6	41.9	52.9	34.2
Malignant melanoma of skin (C43)	25	15	10	2.5	3.0	2.0	2.2	2.7	1.8
Malignant neoplasm of breast (C50)	171	2	169	17.2	0.4	33.8	13.1	0.4	24.0
Malignant neoplasm of cervix uteri (C53)	...	...	10	...	...	2.0	...	...	1.9
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	21	...	...	4.2	...	...	3.2
Malignant neoplasm of ovary (C56)	...	...	51	...	...	10.2	...	...	7.2
Malignant neoplasm of prostate (C61)	...	225	...	...	45.5	...	...	36.1	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	58	36	22	5.8	7.3	4.4	4.6	6.3	3.1
Malignant neoplasm of bladder (C67)	60	40	20	6.0	8.1	4.0	4.5	6.7	2.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	47	26	21	4.7	5.3	4.2	4.1	5.1	3.1
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	217	124	93	21.8	25.1	18.6	16.0	21.1	11.9
Hodgkin's disease (C81)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
Non-Hodgkin's lymphoma (C82-C85)	97	54	43	9.8	10.9	8.6	7.2	9.3	5.2
Leukaemia (C91-C95)	86	52	34	8.6	10.5	6.8	6.1	8.6	4.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	33	18	15	3.3	3.6	3.0	2.6	3.1	2.2
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	322	163	159	32.4	33.0	31.8	23.8	27.8	21.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	67	35	32	6.7	7.1	6.4	4.6	5.9	3.6
Anaemias (D50-D64)	28	15	13	2.8	3.0	2.6	1.5	2.2	1.0
Diabetes mellitus (E10-E14)	340	168	172	34.2	34.0	34.4	22.9	28.5	17.9
Nutritional deficiencies (E40-E64)	12	4	8	1.2	0.8	1.6	0.7	0.6	0.9
Malnutrition (E40-E46)	9	3	6	0.9	0.6	1.2	0.5	0.4	0.7
Other nutritional deficiencies (E50-E64)	3	1	2	0.3	0.2	0.4	0.2	0.1	0.2
Meningitis (G00, G03)	2	0	2	0.2	0.0	0.4	0.2	0.0	0.4
Parkinson's disease (G20-G21)	60	35	25	6.0	7.1	5.0	3.6	5.3	2.6
Alzheimer's disease (G30)	230	84	146	23.1	17.0	29.2	12.5	12.7	12.2
Major cardiovascular diseases (I00-I78)	3,130	1,587	1,543	314.8	321.2	308.4	195.1	258.5	144.7
Diseases of heart (I00-I09, I11, I13, I20-I51)	2,201	1,177	1,024	221.3	238.2	204.7	139.3	193.1	96.6
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	20	6	14	2.0	1.2	2.8	1.2	0.9	1.5
Hypertensive heart disease (I11)	43	17	26	4.3	3.4	5.2	2.5	2.9	2.1
Hypertensive heart and renal disease (I13)	5	2	3	0.5	0.4	0.6	0.3	0.3	0.2
Ischaemic heart diseases (I20-I25)	1,507	860	647	151.5	174.1	129.3	97.4	141.5	61.9
Acute myocardial infarction (I21-I22)	632	372	260	63.6	75.3	52.0	41.3	60.8	26.1
Other acute ischaemic heart diseases (I24)	12	7	5	1.2	1.4	1.0	0.7	1.1	0.4

See footnotes at the end of the table.

Table 1-9 – continued

Deaths by selected grouped causes, sex and geography — Saskatchewan¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	863	481	382	86.8	97.4	76.3	55.4	79.6	35.4
Atherosclerotic cardiovascular disease, so described (I25.0)	99	58	41	10.0	11.7	8.2	6.7	9.6	4.3
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	764	423	341	76.8	85.6	68.2	48.7	70.0	31.1
Other heart diseases (I26-I51)	626	292	334	63.0	59.1	66.8	37.9	47.6	30.9
Acute and subacute endocarditis (I33)	3	2	1	0.3	0.4	0.2	0.3	0.5	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	5	3	2	0.5	0.6	0.4	0.5	0.6	0.4
Heart failure (I50)	302	133	169	30.4	26.9	33.8	16.1	20.4	13.3
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	316	154	162	31.8	31.2	32.4	21.0	26.1	16.9
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	78	30	48	7.8	6.1	9.6	4.5	4.7	4.1
Cerebrovascular diseases (I60-I69)	693	289	404	69.7	58.5	80.7	41.1	45.7	37.4
Atherosclerosis (I70)	39	20	19	3.9	4.0	3.8	2.3	3.2	1.6
Other diseases of circulatory system (I71-I78)	119	71	48	12.0	14.4	9.6	8.0	11.8	4.9
Aortic aneurysm and dissection (I71)	75	47	28	7.5	9.5	5.6	5.1	7.9	3.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	44	24	20	4.4	4.9	4.0	2.8	4.0	1.9
Other disorders of circulatory system (I80-I99)	11	4	7	1.1	0.8	1.4	0.7	0.6	0.7
Influenza and pneumonia (J10-J18)	272	108	164	27.4	21.9	32.8	15.9	17.4	14.5
Influenza (J10-J11)	15	7	8	1.5	1.4	1.6	0.9	1.0	0.9
Pneumonia (J12-J18)	257	101	156	25.8	20.4	31.2	15.0	16.4	13.7
Other acute lower respiratory infections (J20-J22)	3	2	1	0.3	0.4	0.2	0.2	0.3	0.1
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	3	2	1	0.3	0.4	0.2	0.2	0.3	0.1
Chronic lower respiratory diseases (J40-J47)	383	206	177	38.5	41.7	35.4	24.3	32.2	19.9
Bronchitis, chronic and unspecified (J40-J42)	6	3	3	0.6	0.6	0.6	0.4	0.5	0.3
Emphysema (J43)	32	20	12	3.2	4.0	2.4	2.1	3.1	1.6
Asthma (J45-J46)	10	2	8	1.0	0.4	1.6	0.7	0.3	1.1
Other chronic lower respiratory diseases (J44, J47)	335	181	154	33.7	36.6	30.8	21.1	28.4	16.9
Pneumoconioses and chemical effects (J60-J66, J68)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Pneumonitis due to solids and liquids (J69)	30	14	16	3.0	2.8	3.2	1.7	2.1	1.4
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	92	47	45	9.3	9.5	9.0	6.5	8.0	5.2
Peptic ulcer (K25-K28)	16	4	12	1.6	0.8	2.4	0.9	0.6	1.2
Diseases of appendix (K35-K38)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
Hernia (K40-K46)	8	2	6	0.8	0.4	1.2	0.5	0.3	0.6
Chronic liver disease and cirrhosis (K70, K73-K74)	73	49	24	7.3	9.9	4.8	6.5	9.2	3.9
Alcoholic liver disease (K70)	43	30	13	4.3	6.1	2.6	3.8	5.6	2.2
Other chronic liver disease and cirrhosis (K73-K74)	30	19	11	3.0	3.8	2.2	2.6	3.6	1.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	8	4	4	0.8	0.8	0.8	0.5	0.7	0.5
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	168	82	86	16.9	16.6	17.2	9.7	12.9	7.5
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Renal failure (N17-N19)	168	82	86	16.9	16.6	17.2	9.7	12.9	7.5
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	5	2	3	0.5	0.4	0.6	0.4	0.3	0.4
Hyperplasia of prostate (N40)	...	4	...	...	0.8	...	...	0.6	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.2	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	35	23	12	3.5	4.7	2.4	4.2	5.4	2.9
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	50	23	27	5.0	4.7	5.4	5.2	4.6	5.8
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	116	44	72	11.7	8.9	14.4	7.1	7.2	7.1
All other diseases (residual) ⁷	839	358	481	84.4	72.5	96.1	54.3	59.4	49.5
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	458	295	163	46.1	59.7	32.6	38.0	55.5	21.5
Transport accidents (V01-V99, Y85)	162	121	41	16.3	24.5	8.2	15.8	24.0	7.6
Motor vehicle accidents ⁸	154	114	40	15.5	23.1	8.0	15.1	22.8	7.4
Other land transport accidents ⁹	2	2	0	0.2	0.4	0.0	0.2	0.3	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	6	5	1	0.6	1.0	0.2	0.5	0.9	0.2
Nontransport accidents (W00-X59, Y86)	296	174	122	29.8	35.2	24.4	22.2	31.5	14.0
Falls (W00-W19)	86	51	35	8.6	10.3	7.0	5.6	8.6	3.4
Accidental discharge of firearms (W32-W34)	3	3	0	0.3	0.6	0.0	0.3	0.6	0.0
Accidental drowning and submersion (W65-W74)	7	6	1	0.7	1.2	0.2	0.7	1.3	0.1
Accidental exposure to smoke, fire and flames (X00-X09)	11	3	8	1.1	0.6	1.6	1.1	0.6	1.6

See footnotes at the end of the table.

Table 1-9 – continued

Deaths by selected grouped causes, sex and geography — Saskatchewan¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	48	30	18	4.8	6.1	3.6	5.0	6.2	3.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	141	81	60	14.2	16.4	12.0	9.6	14.2	5.1
Intentional self-harm (suicide) (X60-X84, Y87.0)	112	92	20	11.3	18.6	4.0	11.6	18.7	4.5
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	35	35	0	3.5	7.1	0.0	3.5	7.1	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	77	57	20	7.7	11.5	4.0	8.1	11.7	4.5
Assault (homicide) (X85-Y09, Y87.1)	39	30	9	3.9	6.1	1.8	4.3	6.6	2.0
Assault (homicide) by discharge of firearms (X93-X95)	7	4	3	0.7	0.8	0.6	0.7	0.8	0.6
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	32	26	6	3.2	5.3	1.2	3.6	5.7	1.4
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	20	13	7	2.0	2.6	1.4	2.0	2.8	1.3
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	19	12	7	1.9	2.4	1.4	1.9	2.6	1.3
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	4	0	4	0.4	0.0	0.8	0.2	0.0	0.3

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: *Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM tables 102-0551 and 102-0552).*

Table 1-10

Deaths by selected grouped causes, sex and geography — Alberta¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{3, 4, 5}	18,585	9,709	8,876	588.4	608.4	567.9	583.3	721.4	474.8
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	28	11	17	0.9	0.7	1.1	0.9	0.9	0.8
Tuberculosis (A16-A19)	6	3	3	0.2	0.2	0.2	0.2	0.2	0.1
Respiratory tuberculosis (A16)	5	3	2	0.2	0.2	0.1	0.2	0.2	0.1
Other tuberculosis (A17-A19)	1	0	1	0.0	0.0	0.1	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	3	0	3	0.1	0.0	0.2	0.1	0.0	0.2
Septicaemia (A40-A41)	120	55	65	3.8	3.4	4.2	3.7	4.2	3.4
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	26	16	10	0.8	1.0	0.6	0.7	0.8	0.6
Human immunodeficiency virus [HIV] disease (B20-B24)	28	21	7	0.9	1.3	0.4	0.8	1.2	0.5
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	38	20	18	1.2	1.3	1.2	1.2	1.5	1.0
Malignant neoplasms (C00-C97)	5,160	2,681	2,479	163.4	168.0	158.6	166.4	197.7	145.1
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	87	62	25	2.8	3.9	1.6	2.7	4.1	1.5
Malignant neoplasm of oesophagus (C15)	123	96	27	3.9	6.0	1.7	3.9	6.7	1.6
Malignant neoplasm of stomach (C16)	144	76	68	4.6	4.8	4.4	4.5	5.5	3.7
Malignant neoplasms of colon, rectum and anus (C18-C21)	462	239	223	14.6	15.0	14.3	14.9	17.6	12.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	135	80	55	4.3	5.0	3.5	4.3	5.7	3.2
Malignant neoplasm of pancreas (C25)	291	146	145	9.2	9.1	9.3	9.4	10.7	8.3
Malignant neoplasm of larynx (C32)	32	23	9	1.0	1.4	0.6	1.0	1.7	0.5
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,254	714	540	39.7	44.7	34.6	41.3	52.6	33.0
Malignant melanoma of skin (C43)	62	43	19	2.0	2.7	1.2	2.0	3.2	1.2
Malignant neoplasm of breast (C50)	418	4	414	13.2	0.3	26.5	12.9	0.3	23.8
Malignant neoplasm of cervix uteri (C53)	...	...	41	...	...	2.6	...	...	2.5
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	53	...	...	3.4	...	...	3.3
Malignant neoplasm of ovary (C56)	...	...	129	...	...	8.3	...	...	7.7
Malignant neoplasm of prostate (C61)	...	362	...	...	22.7	...	...	28.6	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	113	70	43	3.6	4.4	2.8	3.7	5.1	2.5
Malignant neoplasm of bladder (C67)	121	81	40	3.8	5.1	2.6	4.0	6.3	2.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	145	83	62	4.6	5.2	4.0	4.6	5.4	3.7
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	484	246	238	15.3	15.4	15.2	15.6	17.9	13.8
Hodgkin's disease (C81)	7	4	3	0.2	0.3	0.2	0.2	0.2	0.1
Non-Hodgkin's lymphoma (C82-C85)	185	98	87	5.9	6.1	5.6	5.9	6.9	5.0
Leukaemia (C91-C95)	198	96	102	6.3	6.0	6.5	6.4	7.2	5.9
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	93	47	46	2.9	2.9	2.9	3.1	3.5	2.7
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	1	0	0.0	0.1	0.0	0.0	0.1	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	704	356	348	22.3	22.3	22.3	22.7	26.4	19.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	108	59	49	3.4	3.7	3.1	3.4	4.3	2.8
Anaemias (D50-D64)	37	15	22	1.2	0.9	1.4	1.1	1.2	1.0
Diabetes mellitus (E10-E14)	462	227	235	14.6	14.2	15.0	14.6	17.1	12.7
Nutritional deficiencies (E40-E64)	16	4	12	0.5	0.3	0.8	0.5	0.3	0.5
Malnutrition (E40-E46)	14	4	10	0.4	0.3	0.6	0.4	0.3	0.5
Other nutritional deficiencies (E50-E64)	2	0	2	0.1	0.0	0.1	0.1	0.0	0.1
Meningitis (G00, G03)	6	4	2	0.2	0.3	0.1	0.2	0.3	0.1
Parkinson's disease (G20-G21)	108	65	43	3.4	4.1	2.8	3.3	5.2	2.2
Alzheimer's disease (G30)	344	115	229	10.9	7.2	14.7	10.3	9.8	10.5
Major cardiovascular diseases (I00-I78)	6,521	3,279	3,242	206.4	205.5	207.4	202.3	254.0	160.9
Diseases of heart (I00-I09, I11, I13, I20-I51)	4,568	2,448	2,120	144.6	153.4	135.6	142.2	187.4	105.7
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	35	13	22	1.1	0.8	1.4	1.1	0.9	1.3
Hypertensive heart disease (I11)	67	20	47	2.1	1.3	3.0	2.0	1.5	2.2
Hypertensive heart and renal disease (I13)	11	6	5	0.3	0.4	0.3	0.4	0.5	0.3
Ischaemic heart diseases (I20-I25)	3,640	2,063	1,577	115.2	129.3	100.9	113.7	157.0	78.9
Acute myocardial infarction (I21-I22)	1,223	685	538	38.7	42.9	34.4	38.3	52.7	27.0
Other acute ischaemic heart diseases (I24)	8	4	4	0.3	0.3	0.3	0.2	0.3	0.2

See footnotes at the end of the table.

Table 1-10 – continued

Deaths by selected grouped causes, sex and geography — Alberta¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	2,409	1,374	1,035	76.3	86.1	66.2	75.2	104.0	51.7
Atherosclerotic cardiovascular disease, so described (I25.0)	676	401	275	21.4	25.1	17.6	21.7	30.0	14.7
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1,733	973	760	54.9	61.0	48.6	53.5	74.0	37.1
Other heart diseases (I26-I51)	815	346	469	25.8	21.7	30.0	25.0	27.4	23.0
Acute and subacute endocarditis (I33)	3	1	2	0.1	0.1	0.1	0.1	0.1	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	1	0	0.0	0.1	0.0	0.0	0.0	0.0
Heart failure (I50)	331	132	199	10.5	8.3	12.7	9.8	11.1	9.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	480	212	268	15.2	13.3	17.1	15.0	16.1	13.9
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	104	33	71	3.3	2.1	4.5	3.1	2.6	3.3
Cerebrovascular diseases (I60-I69)	1,360	574	786	43.1	36.0	50.3	41.8	46.0	38.7
Atherosclerosis (I70)	266	104	162	8.4	6.5	10.4	7.9	8.8	7.5
Other diseases of circulatory system (I71-I78)	223	120	103	7.1	7.5	6.6	7.3	9.2	5.8
Aortic aneurysm and dissection (I71)	146	81	65	4.6	5.1	4.2	4.8	6.1	3.6
Other diseases of arteries, arterioles and capillaries (I72-I78)	77	39	38	2.4	2.4	2.4	2.5	3.1	2.1
Other disorders of circulatory system (I80-I99)	44	22	22	1.4	1.4	1.4	1.4	1.5	1.2
Influenza and pneumonia (J10-J18)	364	174	190	11.5	10.9	12.2	11.0	14.1	9.2
Influenza (J10-J11)	11	3	8	0.3	0.2	0.5	0.3	0.3	0.4
Pneumonia (J12-J18)	353	171	182	11.2	10.7	11.6	10.6	13.8	8.8
Other acute lower respiratory infections (J20-J22)	4	2	2	0.1	0.1	0.1	0.1	0.1	0.1
Acute bronchitis and bronchiolitis (J20-J21)	2	1	1	0.1	0.1	0.1	0.1	0.1	0.1
Unspecified acute lower respiratory infection (J22)	2	1	1	0.1	0.1	0.1	0.1	0.1	0.0
Chronic lower respiratory diseases (J40-J47)	793	432	361	25.1	27.1	23.1	25.1	34.6	19.4
Bronchitis, chronic and unspecified (J40-J42)	9	5	4	0.3	0.3	0.3	0.3	0.4	0.2
Emphysema (J43)	76	46	30	2.4	2.9	1.9	2.5	3.6	1.7
Asthma (J45-J46)	29	11	18	0.9	0.7	1.2	0.9	0.8	0.9
Other chronic lower respiratory diseases (J44, J47)	679	370	309	21.5	23.2	19.8	21.5	29.8	16.6
Pneumoconioses and chemical effects (J60-J66, J68)	8	8	0	0.3	0.5	0.0	0.3	0.6	0.0
Pneumonitis due to solids and liquids (J69)	147	87	60	4.7	5.5	3.8	4.5	7.0	2.9
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	159	95	64	5.0	6.0	4.1	5.0	7.2	3.4
Peptic ulcer (K25-K28)	39	19	20	1.2	1.2	1.3	1.2	1.3	1.1
Diseases of appendix (K35-K38)	7	2	5	0.2	0.1	0.3	0.2	0.1	0.3
Hernia (K40-K46)	15	7	8	0.5	0.4	0.5	0.5	0.5	0.4
Chronic liver disease and cirrhosis (K70, K73-K74)	206	134	72	6.5	8.4	4.6	6.4	8.7	4.3
Alcoholic liver disease (K70)	121	79	42	3.8	5.0	2.7	3.7	4.9	2.6
Other chronic liver disease and cirrhosis (K73-K74)	85	55	30	2.7	3.4	1.9	2.7	3.8	1.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	14	8	6	0.4	0.5	0.4	0.4	0.6	0.3
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	236	117	119	7.5	7.3	7.6	7.3	9.3	5.8
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	2	1	1	0.1	0.1	0.1	0.1	0.1	0.1
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	2	2	0	0.1	0.1	0.0	0.1	0.1	0.0
Renal failure (N17-N19)	232	114	118	7.3	7.1	7.5	7.2	9.1	5.8
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	10	3	7	0.3	0.2	0.4	0.3	0.2	0.4
Hyperplasia of prostate (N40)	...	7	...	...	0.4	...	...	0.6	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	1	...	...	0.1	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	1	...	...	0.1	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	136	77	59	4.3	4.8	3.8	4.8	5.4	4.3
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	102	65	37	3.2	4.1	2.4	3.4	4.3	2.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	152	80	72	4.8	5.0	4.6	4.8	5.7	3.9
All other diseases (residual) ⁷	1,489	662	827	47.1	41.5	52.9	45.9	49.4	42.4
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	846	564	282	26.8	35.3	18.0	26.5	37.3	16.3
Transport accidents (V01-V99, Y85)	441	311	130	14.0	19.5	8.3	13.9	19.4	8.3
Motor vehicle accidents ⁸	401	281	120	12.7	17.6	7.7	12.6	17.4	7.7
Other land transport accidents ⁹	16	14	2	0.5	0.9	0.1	0.5	0.9	0.1
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	24	16	8	0.8	1.0	0.5	0.8	1.1	0.5
Nontransport accidents (W00-X59, Y86)	405	253	152	12.8	15.9	9.7	12.6	17.9	8.0
Falls (W00-W19)	94	62	32	3.0	3.9	2.0	2.9	4.3	1.6
Accidental discharge of firearms (W32-W34)	1	1	0	0.0	0.1	0.0	0.0	0.1	0.0
Accidental drowning and submersion (W65-W74)	22	14	8	0.7	0.9	0.5	0.7	0.9	0.5
Accidental exposure to smoke, fire and flames (X00-X09)	11	7	4	0.3	0.4	0.3	0.3	0.4	0.3

See footnotes at the end of the table.

Table 1-10 – continued

Deaths by selected grouped causes, sex and geography — Alberta¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	23	16	7	0.7	1.0	0.4	0.7	1.0	0.4
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	254	153	101	8.0	9.6	6.5	7.9	11.1	5.2
Intentional self-harm (suicide) (X60-X84, Y87.0)	441	333	108	14.0	20.9	6.9	13.3	19.9	6.5
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	83	77	6	2.6	4.8	0.4	2.4	4.4	0.4
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	358	256	102	11.3	16.0	6.5	10.9	15.5	6.1
Assault (homicide) (X85-Y09, Y87.1)	63	46	17	2.0	2.9	1.1	2.0	2.8	1.1
Assault (homicide) by discharge of firearms (X93-X95)	19	14	5	0.6	0.9	0.3	0.6	0.9	0.3
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	44	32	12	1.4	2.0	0.8	1.4	1.9	0.8
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	275	182	93	8.7	11.4	6.0	8.3	10.7	5.8
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	275	182	93	8.7	11.4	6.0	8.3	10.7	5.8
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	16	8	8	0.5	0.5	0.5	0.5	0.6	0.5

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: *Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM tables 102-0551 and 102-0552).*

Table 1-11

Deaths by selected grouped causes, sex and geography — British Columbia¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{3, 4, 5}	29,320	14,910	14,410	706.1	724.3	688.2	543.1	659.0	448.0
Salmonella infections (A01-A02)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	42	22	20	1.0	1.1	1.0	0.7	1.0	0.6
Tuberculosis (A16-A19)	13	6	7	0.3	0.3	0.3	0.2	0.3	0.2
Respiratory tuberculosis (A16)	11	5	6	0.3	0.2	0.3	0.2	0.2	0.2
Other tuberculosis (A17-A19)	2	1	1	0.0	0.0	0.0	0.0	0.1	0.0
Whooping cough (A37)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.1
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	3	1	2	0.1	0.0	0.1	0.1	0.1	0.1
Septicaemia (A40-A41)	206	95	111	5.0	4.6	5.3	3.7	4.2	3.4
Syphilis (A50-A53)	2	2	0	0.0	0.1	0.0	0.0	0.1	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	91	61	30	2.2	3.0	1.4	1.7	2.4	1.2
Human immunodeficiency virus [HIV] disease (B20-B24)	119	98	21	2.9	4.8	1.0	2.6	4.3	1.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	83	45	38	2.0	2.2	1.8	1.6	2.0	1.4
Malignant neoplasms (C00-C97)	8,170	4,232	3,938	196.8	205.6	188.1	156.2	182.8	137.0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	146	91	55	3.5	4.4	2.6	2.8	3.7	1.9
Malignant neoplasm of oesophagus (C15)	224	164	60	5.4	8.0	2.9	4.4	7.0	2.1
Malignant neoplasm of stomach (C16)	210	131	79	5.1	6.4	3.8	3.9	5.6	2.7
Malignant neoplasms of colon, rectum and anus (C18-C21)	789	437	352	19.0	21.2	16.8	15.0	18.8	11.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	206	139	67	5.0	6.8	3.2	4.0	5.8	2.3
Malignant neoplasm of pancreas (C25)	464	226	238	11.2	11.0	11.4	8.9	9.7	8.3
Malignant neoplasm of larynx (C32)	44	35	9	1.1	1.7	0.4	0.9	1.5	0.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2,070	1,137	933	49.9	55.2	44.6	40.3	48.9	33.7
Malignant melanoma of skin (C43)	113	59	54	2.7	2.9	2.6	2.2	2.6	1.9
Malignant neoplasm of breast (C50)	609	3	606	14.7	0.1	28.9	11.6	0.1	21.5
Malignant neoplasm of cervix uteri (C53)	...	...	50	...	...	2.4	...	...	1.8
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	82	...	...	3.9	...	...	2.9
Malignant neoplasm of ovary (C56)	...	...	243	...	...	11.6	...	...	8.5
Malignant neoplasm of prostate (C61)	...	441	...	...	21.4	...	...	19.6	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	155	92	63	3.7	4.5	3.0	3.0	4.0	2.1
Malignant neoplasm of bladder (C67)	207	146	61	5.0	7.1	2.9	3.8	6.4	1.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	222	125	97	5.3	6.1	4.6	4.6	5.5	3.7
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	769	426	343	18.5	20.7	16.4	14.7	18.6	11.7
Hodgkin's disease (C81)	9	6	3	0.2	0.3	0.1	0.2	0.3	0.1
Non-Hodgkin's lymphoma (C82-C85)	335	180	155	8.1	8.7	7.4	6.4	7.8	5.2
Leukaemia (C91-C95)	268	156	112	6.5	7.6	5.3	5.1	6.8	3.8
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	157	84	73	3.8	4.1	3.5	3.0	3.7	2.5
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	1,126	580	546	27.1	28.2	26.1	21.2	24.9	18.1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	194	98	96	4.7	4.8	4.6	3.6	4.3	3.1
Anaemias (D50-D64)	60	21	39	1.4	1.0	1.9	1.0	0.9	1.1
Diabetes mellitus (E10-E14)	930	499	431	22.4	24.2	20.6	17.3	21.7	13.5
Nutritional deficiencies (E40-E64)	37	11	26	0.9	0.5	1.2	0.6	0.5	0.7
Malnutrition (E40-E46)	32	10	22	0.8	0.5	1.1	0.5	0.5	0.6
Other nutritional deficiencies (E50-E64)	5	1	4	0.1	0.0	0.2	0.1	0.0	0.1
Meningitis (G00, G03)	8	3	5	0.2	0.1	0.2	0.2	0.1	0.2
Parkinson's disease (G20-G21)	220	133	87	5.3	6.5	4.2	3.9	5.8	2.5
Alzheimer's disease (G30)	570	192	378	13.7	9.3	18.1	9.5	8.5	9.8
Major cardiovascular diseases (I00-I78)	9,962	4,976	4,986	239.9	241.7	238.1	175.3	219.2	139.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	6,675	3,540	3,135	160.8	172.0	149.7	118.1	155.8	87.6
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	74	23	51	1.8	1.1	2.4	1.4	1.0	1.5
Hypertensive heart disease (I11)	86	36	50	2.1	1.7	2.4	1.5	1.6	1.3
Hypertensive heart and renal disease (I13)	12	7	5	0.3	0.3	0.2	0.2	0.3	0.1
Ischaemic heart diseases (I20-I25)	4,775	2,678	2,097	115.0	130.1	100.2	84.8	117.1	58.8
Acute myocardial infarction (I21-I22)	2,325	1,346	979	56.0	65.4	46.8	41.9	58.8	28.2
Other acute ischaemic heart diseases (I24)	30	16	14	0.7	0.8	0.7	0.5	0.7	0.4

See footnotes at the end of the table.

Table 1-11 – continued

Deaths by selected grouped causes, sex and geography — British Columbia¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	2,420	1,316	1,104	58.3	63.9	52.7	42.5	57.5	30.2
Atherosclerotic cardiovascular disease, so described (I25.0)	95	66	29	2.3	3.2	1.4	1.8	2.8	0.9
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	2,325	1,250	1,075	56.0	60.7	51.3	40.6	54.7	29.2
Other heart diseases (I26-I51)	1,728	796	932	41.6	38.7	44.5	30.1	35.8	25.9
Acute and subacute endocarditis (I33)	12	8	4	0.3	0.4	0.2	0.3	0.4	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	10	5	5	0.2	0.2	0.2	0.2	0.2	0.2
Heart failure (I50)	726	284	442	17.5	13.8	21.1	12.0	13.2	11.2
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	980	499	481	23.6	24.2	23.0	17.7	22.1	14.2
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	191	78	113	4.6	3.8	5.4	3.3	3.4	3.0
Cerebrovascular diseases (I60-I69)	2,395	965	1,430	57.7	46.9	68.3	41.2	42.7	39.5
Atherosclerosis (I70)	350	197	153	8.4	9.6	7.3	6.4	8.6	4.6
Other diseases of circulatory system (I71-I78)	351	196	155	8.5	9.5	7.4	6.4	8.7	4.7
Aortic aneurysm and dissection (I71)	221	137	84	5.3	6.7	4.0	4.1	6.0	2.7
Other diseases of arteries, arterioles and capillaries (I72-I78)	130	59	71	3.1	2.9	3.4	2.3	2.6	2.1
Other disorders of circulatory system (I80-I99)	47	21	26	1.1	1.0	1.2	0.9	0.9	0.9
Influenza and pneumonia (J10-J18)	837	367	470	20.2	17.8	22.4	14.1	16.8	12.5
Influenza (J10-J11)	45	15	30	1.1	0.7	1.4	0.8	0.7	0.8
Pneumonia (J12-J18)	792	352	440	19.1	17.1	21.0	13.3	16.1	11.6
Other acute lower respiratory infections (J20-J22)	7	1	6	0.2	0.0	0.3	0.1	0.0	0.2
Acute bronchitis and bronchiolitis (J20-J21)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	6	1	5	0.1	0.0	0.2	0.1	0.0	0.1
Chronic lower respiratory diseases (J40-J47)	1,317	696	621	31.7	33.8	29.7	23.6	30.7	19.2
Bronchitis, chronic and unspecified (J40-J42)	16	9	7	0.4	0.4	0.3	0.3	0.4	0.2
Emphysema (J43)	102	65	37	2.5	3.2	1.8	1.9	2.8	1.3
Asthma (J45-J46)	53	15	38	1.3	0.7	1.8	1.0	0.7	1.2
Other chronic lower respiratory diseases (J44, J47)	1,146	607	539	27.6	29.5	25.7	20.4	26.7	16.6
Pneumoconioses and chemical effects (J60-J66, J68)	10	10	0	0.2	0.5	0.0	0.2	0.4	0.0
Pneumonitis due to solids and liquids (J69)	142	80	62	3.4	3.9	3.0	2.4	3.5	1.7
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	232	131	101	5.6	6.4	4.8	4.3	5.8	3.2
Peptic ulcer (K25-K28)	61	32	29	1.5	1.6	1.4	1.1	1.4	0.8
Diseases of appendix (K35-K38)	2	0	2	0.0	0.0	0.1	0.0	0.0	0.0
Hernia (K40-K46)	21	9	12	0.5	0.4	0.6	0.4	0.4	0.4
Chronic liver disease and cirrhosis (K70, K73-K74)	305	195	110	7.3	9.5	5.3	5.9	8.0	4.1
Alcoholic liver disease (K70)	169	109	60	4.1	5.3	2.9	3.3	4.4	2.3
Other chronic liver disease and cirrhosis (K73-K74)	136	86	50	3.3	4.2	2.4	2.6	3.6	1.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	41	19	22	1.0	0.9	1.1	0.7	0.8	0.6
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	411	198	213	9.9	9.6	10.2	7.3	8.8	6.2
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	2	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	15	11	4	0.4	0.5	0.2	0.3	0.5	0.1
Renal failure (N17-N19)	394	186	208	9.5	9.0	9.9	6.9	8.3	6.1
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	13	3	10	0.3	0.1	0.5	0.2	0.1	0.3
Hyperplasia of prostate (N40)	...	10	...	...	0.5	...	...	0.4	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	3	...	...	0.1	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	1	...	...	0.0	...	...	0.1
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	1	...	...	0.0	...	...	0.1
Certain conditions originating in the perinatal period (P00-P96)	88	53	35	2.1	2.6	1.7	3.1	3.7	2.5
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	86	35	51	2.1	1.7	2.4	2.3	2.0	2.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	363	206	157	8.7	10.0	7.5	7.8	9.9	5.8
All other diseases (residual) ⁷	2,702	1,077	1,625	65.1	52.3	77.6	48.5	47.6	47.5
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	1,361	864	497	32.8	42.0	23.7	29.0	40.6	17.8
Transport accidents (V01-V99, Y85)	479	340	139	11.5	16.5	6.6	11.1	16.3	6.0
Motor vehicle accidents ⁸	437	306	131	10.5	14.9	6.3	10.2	14.8	5.6
Other land transport accidents ⁹	10	7	3	0.2	0.3	0.1	0.2	0.3	0.1
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	32	27	5	0.8	1.3	0.2	0.7	1.2	0.2
Nontransport accidents (W00-X59, Y86)	882	524	358	21.2	25.5	17.1	17.9	24.3	11.8
Falls (W00-W19)	261	133	128	6.3	6.5	6.1	4.6	5.9	3.6
Accidental discharge of firearms (W32-W34)	5	4	1	0.1	0.2	0.0	0.1	0.2	0.1
Accidental drowning and submersion (W65-W74)	48	40	8	1.2	1.9	0.4	1.2	2.0	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	21	14	7	0.5	0.7	0.3	0.4	0.6	0.3

See footnotes at the end of the table.

Table 1-11 – continued

Deaths by selected grouped causes, sex and geography — British Columbia¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	255	189	66	6.1	9.2	3.2	6.0	8.8	3.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	292	144	148	7.0	7.0	7.1	5.5	6.7	4.3
Intentional self-harm (suicide) (X60-X84, Y87.0)	450	341	109	10.8	16.6	5.2	10.3	15.8	4.9
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	80	74	6	1.9	3.6	0.3	1.8	3.3	0.3
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	370	267	103	8.9	13.0	4.9	8.5	12.5	4.6
Assault (homicide) (X85-Y09, Y87.1)	39	28	11	0.9	1.4	0.5	1.0	1.4	0.6
Assault (homicide) by discharge of firearms (X93-X95)	22	16	6	0.5	0.8	0.3	0.6	0.8	0.3
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	17	12	5	0.4	0.6	0.2	0.4	0.6	0.3
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	36	25	11	0.9	1.2	0.5	0.8	1.1	0.5
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	35	24	11	0.8	1.2	0.5	0.8	1.1	0.5
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	22	13	9	0.5	0.6	0.4	0.4	0.6	0.3

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: *Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM tables 102-0551 and 102-0552).*

Table 1-12

Deaths by selected grouped causes, sex and geography — Yukon Territory¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	133	85	48	435.3	550.3	317.7	649.4	780.5	508.9
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	1	1	0	3.3	6.5	0.0	3.7	6.7	0.0
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms (C00-C97)	49	32	17	160.4	207.2	112.5	243.4	311.0	165.7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of oesophagus (C15)	3	2	1	9.8	12.9	6.6	15.7	19.2	11.7
Malignant neoplasm of stomach (C16)	1	1	0	3.3	6.5	0.0	1.9	3.6	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	5	3	2	16.4	19.4	13.2	26.5	23.3	23.9
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1	1	0	3.3	6.5	0.0	5.3	9.7	0.0
Malignant neoplasm of pancreas (C25)	1	1	0	3.3	6.5	0.0	1.9	3.6	0.0
Malignant neoplasm of larynx (C32)	1	1	0	3.3	6.5	0.0	3.7	6.7	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	17	14	3	55.6	90.6	19.9	97.2	161.0	32.0
Malignant melanoma of skin (C43)	1	0	1	3.3	0.0	6.6	2.3	0.0	5.0
Malignant neoplasm of breast (C50)	5	0	5	16.4	0.0	33.1	16.9	0.0	37.7
Malignant neoplasm of cervix uteri (C53)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	2	...	...	13.2	...	...	16.9
Malignant neoplasm of prostate (C61)	...	1	...	...	6.5	...	...	16.2	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of bladder (C67)	1	1	0	3.3	6.5	0.0	5.2	9.5	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	3	2	1	9.8	12.9	6.6	18.4	20.7	15.4
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Leukaemia (C91-C95)	1	0	1	3.3	0.0	6.6	7.3	0.0	15.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	2	2	0	6.5	12.9	0.0	11.1	20.7	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	7	5	2	22.9	32.4	13.2	30.7	37.7	23.2
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Anaemias (D50-D64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diabetes mellitus (E10-E14)	2	0	2	6.5	0.0	13.2	7.5	0.0	17.0
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningitis (G00, G03)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Alzheimer's disease (G30)	1	1	0	3.3	6.5	0.0	7.4	20.1	0.0
Major cardiovascular diseases (I00-I78)	34	15	19	111.3	97.1	125.8	207.2	169.5	237.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	23	10	13	75.3	64.7	86.0	133.6	87.3	166.7
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hypertensive heart disease (I11)	2	0	2	6.5	0.0	13.2	13.7	0.0	23.9
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	15	9	6	49.1	58.3	39.7	77.0	71.1	75.0
Acute myocardial infarction (I21-I22)	2	2	0	6.5	12.9	0.0	7.6	13.9	0.0
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 1-12 – continued

Deaths by selected grouped causes, sex and geography — Yukon Territory¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	13	7	6	42.5	45.3	39.7	69.5	57.2	75.0
Atherosclerotic cardiovascular disease, so described (I25.0)	5	5	0	16.4	32.4	0.0	14.3	27.0	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	8	2	6	26.2	12.9	39.7	55.2	30.2	75.0
Other heart diseases (I26-I51)	6	1	5	19.6	6.5	33.1	42.9	16.2	67.8
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Heart failure (I50)	4	1	3	13.1	6.5	19.9	30.8	16.2	44.3
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	2	0	2	6.5	0.0	13.2	12.1	0.0	23.6
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	9	4	5	29.5	25.9	33.1	60.9	72.6	59.1
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	2	1	1	6.5	6.5	6.6	12.6	9.7	11.6
Aortic aneurysm and dissection (I71)	1	1	0	3.3	6.5	0.0	5.3	9.7	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	1	0	1	3.3	0.0	6.6	7.4	0.0	11.6
Other disorders of circulatory system (I80-I99)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Influenza and pneumonia (J10-J18)	1	1	0	3.3	6.5	0.0	1.9	3.6	0.0
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia (J12-J18)	1	1	0	3.3	6.5	0.0	1.9	3.6	0.0
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	3	3	0	9.8	19.4	0.0	17.3	35.2	0.0
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Asthma (J45-J46)	1	1	0	3.3	6.5	0.0	5.2	9.5	0.0
Other chronic lower respiratory diseases (J44, J47)	2	2	0	6.5	12.9	0.0	12.1	25.7	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	1	1	0	3.3	6.5	0.0	5.3	9.7	0.0
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	1	1	0	3.3	6.5	0.0	7.4	20.1	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	2	1	1	6.5	6.5	6.6	12.6	14.0	11.7
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Renal failure (N17-N19)	2	1	1	6.5	6.5	6.6	12.6	14.0	11.7
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	2	2	0	6.5	12.9	0.0	8.6	16.3	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1	1	0	3.3	6.5	0.0	3.7	7.0	0.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other diseases (residual) ⁷	8	5	3	26.2	32.4	19.9	28.1	26.5	28.6
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	20	14	6	65.5	90.6	39.7	74.6	99.3	48.6
Transport accidents (V01-V99, Y85)	6	4	2	19.6	25.9	13.2	20.5	29.7	11.2
Motor vehicle accidents ⁸	6	4	2	19.6	25.9	13.2	20.5	29.7	11.2
Other land transport accidents ⁹	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Nontransport accidents (W00-X59, Y86)	14	10	4	45.8	64.7	26.5	54.1	69.6	37.5
Falls (W00-W19)	1	1	0	3.3	6.5	0.0	2.5	5.3	0.0
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	3	3	0	9.8	19.4	0.0	9.8	18.9	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	2	2	0	6.5	12.9	0.0	9.0	16.3	0.0

See footnotes at the end of the table.

Table 1-12 – continued

Deaths by selected grouped causes, sex and geography — Yukon Territory¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	3	2	1	9.8	12.9	6.6	10.6	17.0	4.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	5	2	3	16.4	12.9	19.9	22.2	12.0	33.4
Intentional self-harm (suicide) (X60-X84, Y87.0)	6	6	0	19.6	38.8	0.0	19.0	37.9	0.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	3	3	0	9.8	19.4	0.0	7.6	13.9	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	3	3	0	9.8	19.4	0.0	11.4	24.0	0.0
Assault (homicide) (X85-Y09, Y87.1)	1	1	0	3.3	6.5	0.0	1.9	3.6	0.0
Assault (homicide) by discharge of firearms (X93-X95)	1	1	0	3.3	6.5	0.0	1.9	3.6	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: *Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM tables 102-0551 and 102-0552).*

Table 1-13

Deaths by selected grouped causes, sex and geography — Northwest Territories¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	202	109	93	478.6	500.4	455.3	960.3	1,037.4	912.4
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	1	0	1	2.4	0.0	4.9	2.0	0.0	4.3
Septicaemia (A40-A41)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	1	0	1	2.4	0.0	4.9	6.6	0.0	12.8
Malignant neoplasms (C00-C97)	59	24	35	139.8	110.2	171.4	288.6	287.7	312.9
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	3	1	2	7.1	4.6	9.8	7.1	4.9	10.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	9	7	2	21.3	32.1	9.8	40.8	73.0	9.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of pancreas (C25)	1	1	0	2.4	4.6	0.0	2.2	4.4	0.0
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	14	6	8	33.2	27.5	39.2	64.1	55.8	76.6
Malignant melanoma of skin (C43)	1	0	1	2.4	0.0	4.9	5.8	0.0	12.7
Malignant neoplasm of breast (C50)	8	0	8	19.0	0.0	39.2	33.1	0.0	63.8
Malignant neoplasm of cervix uteri (C53)	...	...	3	...	...	14.7	...	...	31.2
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasm of prostate (C61)	...	3	...	...	13.8	...	...	50.9	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	1	0	1	2.4	0.0	4.9	2.4	0.0	5.8
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	1	0	1	2.4	0.0	4.9	1.8	0.0	3.7
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	5	2	3	11.8	9.2	14.7	23.9	25.5	22.8
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	1	0	1	2.4	0.0	4.9	2.0	0.0	4.2
Leukaemia (C91-C95)	2	0	2	4.7	0.0	9.8	9.0	0.0	18.6
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	2	2	0	4.7	9.2	0.0	12.9	25.5	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	10	4	6	23.7	18.4	29.4	69.3	73.3	76.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Anaemias (D50-D64)	1	0	1	2.4	0.0	4.9	7.5	0.0	16.4
Diabetes mellitus (E10-E14)	2	0	2	4.7	0.0	9.8	13.2	0.0	25.6
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningitis (G00, G03)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Parkinson's disease (G20-G21)	1	1	0	2.4	4.6	0.0	7.5	13.9	0.0
Alzheimer's disease (G30)	1	0	1	2.4	0.0	4.9	7.9	0.0	10.3
Major cardiovascular diseases (I00-I78)	50	28	22	118.5	128.5	107.7	279.0	283.7	274.5
Diseases of heart (I00-I09, I11, I13, I20-I51)	42	25	17	99.5	114.8	83.2	229.7	228.1	211.3
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	31	21	10	73.4	96.4	49.0	155.9	172.5	131.5
Acute myocardial infarction (I21-I22)	15	8	7	35.5	36.7	34.3	82.5	71.8	88.4
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 1-13 – continued

Deaths by selected grouped causes, sex and geography — Northwest Territories¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	16	13	3	37.9	59.7	14.7	73.4	100.7	43.1
Atherosclerotic cardiovascular disease, so described (I25.0)	4	3	1	9.5	13.8	4.9	19.8	25.3	13.4
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	12	10	2	28.4	45.9	9.8	53.6	75.4	29.7
Other heart diseases (I26-I51)	11	4	7	26.1	18.4	34.3	73.7	55.6	79.8
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Heart failure (I50)	5	1	4	11.8	4.6	19.6	38.9	33.9	42.9
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	6	3	3	14.2	13.8	14.7	34.9	21.7	37.0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1	1	0	2.4	4.6	0.0	7.5	13.9	0.0
Cerebrovascular diseases (I60-I69)	6	1	5	14.2	4.6	24.5	37.8	33.9	63.1
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	1	1	0	2.4	4.6	0.0	4.1	7.8	0.0
Aortic aneurysm and dissection (I71)	1	1	0	2.4	4.6	0.0	4.1	7.8	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other disorders of circulatory system (I80-I99)	1	0	1	2.4	0.0	4.9	2.6	0.0	5.3
Influenza and pneumonia (J10-J18)	7	4	3	16.6	18.4	14.7	40.5	67.8	26.5
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia (J12-J18)	7	4	3	16.6	18.4	14.7	40.5	67.8	26.5
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	10	6	4	23.7	27.5	19.6	64.9	90.8	50.4
Bronchitis, chronic and unspecified (J40-J42)	1	1	0	2.4	4.6	0.0	6.6	13.7	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Asthma (J45-J46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other chronic lower respiratory diseases (J44, J47)	9	5	4	21.3	23.0	19.6	58.2	77.1	50.4
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	1	1	0	2.4	4.6	0.0	5.8	10.8	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Peptic ulcer (K25-K28)	1	1	0	2.4	4.6	0.0	2.0	3.7	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	1	1	0	2.4	4.6	0.0	6.2	11.7	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	1	0	1	2.4	0.0	4.9	2.1	0.0	4.3
Alcoholic liver disease (K70)	1	0	1	2.4	0.0	4.9	2.1	0.0	4.3
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	2	2	0	4.7	9.2	0.0	12.9	25.5	0.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Renal failure (N17-N19)	2	2	0	4.7	9.2	0.0	12.9	25.5	0.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	2	1	1	4.7	4.6	4.9	4.1	4.1	4.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1	1	0	2.4	4.6	0.0	2.0	4.1	0.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	15	6	9	35.5	27.5	44.1	56.6	24.7	66.8
All other diseases (residual) ⁷	8	3	5	19.0	13.8	24.5	41.5	49.2	43.5
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	25	19	6	59.2	87.2	29.4	82.8	113.4	54.8
Transport accidents (V01-V99, Y85)	7	5	2	16.6	23.0	9.8	13.8	17.8	10.5
Motor vehicle accidents ⁸	6	4	2	14.2	18.4	9.8	13.8	17.8	10.5
Other land transport accidents ⁹	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	1	1	0	2.4	4.6	0.0	0.0	0.0	0.0
Nontransport accidents (W00-X59, Y86)	18	14	4	42.6	64.3	19.6	69.0	95.6	44.3
Falls (W00-W19)	3	2	1	7.1	9.2	4.9	16.7	22.2	16.4
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	3	2	1	7.1	9.2	4.9	6.4	8.5	4.3
Accidental exposure to smoke, fire and flames (X00-X09)	2	2	0	4.7	9.2	0.0	4.3	8.5	0.0

See footnotes at the end of the table.

Table 1-13 – continued

Deaths by selected grouped causes, sex and geography — Northwest Territories¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	2	2	0	4.7	9.2	0.0	7.8	14.5	0.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	8	6	2	19.0	27.5	9.8	33.8	41.9	23.6
Intentional self-harm (suicide) (X60-X84, Y87.0)	10	10	0	23.7	45.9	0.0	21.7	42.1	0.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	4	4	0	9.5	18.4	0.0	9.0	17.6	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	6	6	0	14.2	27.5	0.0	12.7	24.5	0.0
Assault (homicide) (X85-Y09, Y87.1)	1	1	0	2.4	4.6	0.0	2.2	4.2	0.0
Assault (homicide) by discharge of firearms (X93-X95)	1	1	0	2.4	4.6	0.0	2.2	4.2	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
 2. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
 3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
 4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
 5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
 6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
 7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
 8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
 9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.
- Note:** See *Data quality, concepts and methodology — Explanatory notes for the tables section*.
- Source:** *Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM tables 102-0551 and 102-0552).*

Table 1-14

Deaths by selected grouped causes, sex and geography — Nunavut¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{3, 4, 5}	134	85	49	459.8	563.6	348.5	1,087.1	1,111.3	1,123.9
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Tuberculosis (A16-A19)	1	1	0	3.4	6.6	0.0	2.1	4.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	1	1	0	3.4	6.6	0.0	2.1	4.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	1	1	0	3.4	6.6	0.0	20.7	32.6	0.0
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	1	1	0	3.4	6.6	0.0	3.7	7.3	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	1	1	0	3.4	6.6	0.0	2.1	4.0	0.0
Malignant neoplasms (C00-C97)	23	13	10	78.9	86.2	71.1	282.3	270.5	288.6
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	1	0	3.4	6.6	0.0	3.6	6.7	0.0
Malignant neoplasm of oesophagus (C15)	1	1	0	3.4	6.6	0.0	4.2	7.6	0.0
Malignant neoplasm of stomach (C16)	1	1	0	3.4	6.6	0.0	33.9	42.4	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	4	1	3	13.7	6.6	21.3	22.3	9.1	38.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1	0	1	3.4	0.0	7.1	24.3	0.0	65.1
Malignant neoplasm of pancreas (C25)	1	0	1	3.4	0.0	7.1	17.2	0.0	54.9
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	10	6	4	34.3	39.8	28.5	110.5	116.4	102.0
Malignant melanoma of skin (C43)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of breast (C50)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of cervix uteri (C53)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasm of prostate (C61)	...	1	...	...	6.6	...	...	10.6	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	2	1	1	6.9	6.6	7.1	36.6	38.8	28.6
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	1	0	1	3.4	0.0	7.1	12.3	0.0	28.6
Leukaemia (C91-C95)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	1	1	0	3.4	6.6	0.0	24.3	38.8	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	1	1	0	3.4	6.6	0.0	24.3	38.8	0.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	1	1	0	3.4	6.6	0.0	26.1	43.9	0.0
Anaemias (D50-D64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diabetes mellitus (E10-E14)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningitis (G00, G03)	1	0	1	3.4	0.0	7.1	1.9	0.0	3.8
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	23	16	7	78.9	106.1	49.8	325.1	401.3	182.2
Diseases of heart (I00-I09, I11, I13, I20-I51)	15	10	5	51.5	66.3	35.6	198.4	247.5	115.9
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	1	0	1	3.4	0.0	7.1	8.2	0.0	18.2
Hypertensive heart disease (I11)	1	1	0	3.4	6.6	0.0	8.2	15.0	0.0
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	5	3	2	17.2	19.9	14.2	68.7	92.6	26.1
Acute myocardial infarction (I21-I22)	3	2	1	10.3	13.3	7.1	40.8	53.8	18.2
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 1-14 – continued

Deaths by selected grouped causes, sex and geography — Nunavut¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	2	1	1	6.9	6.6	7.1	27.9	38.8	7.9
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	2	1	1	6.9	6.6	7.1	27.9	38.8	7.9
Other heart diseases (I26-I51)	8	6	2	27.5	39.8	14.2	113.2	139.8	71.5
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Heart failure (I50)	4	3	1	13.7	19.9	7.1	71.0	80.4	65.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	4	3	1	13.7	19.9	7.1	42.2	59.4	6.4
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	6	4	2	20.6	26.5	14.2	75.5	86.3	66.4
Atherosclerosis (I70)	1	1	0	3.4	6.6	0.0	33.9	42.4	0.0
Other diseases of circulatory system (I71-I78)	1	1	0	3.4	6.6	0.0	17.2	25.1	0.0
Aortic aneurysm and dissection (I71)	1	1	0	3.4	6.6	0.0	17.2	25.1	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other disorders of circulatory system (I80-I99)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Influenza and pneumonia (J10-J18)	1	0	1	3.4	0.0	7.1	1.9	0.0	3.9
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia (J12-J18)	1	0	1	3.4	0.0	7.1	1.9	0.0	3.9
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	8	0	8	27.5	0.0	56.9	149.4	0.0	468.9
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Asthma (J45-J46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other chronic lower respiratory diseases (J44, J47)	8	0	8	27.5	0.0	56.9	149.4	0.0	468.9
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	1	1	0	3.4	6.6	0.0	24.3	38.8	0.0
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	2	2	0	6.9	13.3	0.0	26.2	42.5	0.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Renal failure (N17-N19)	2	2	0	6.9	13.3	0.0	26.2	42.5	0.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	5	1	4	17.2	6.6	28.5	9.5	3.7	15.5
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	8	6	2	27.5	39.8	14.2	17.9	27.0	7.8
All other diseases (residual) ⁷	4	1	3	13.7	6.6	21.3	30.6	3.7	65.1
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	21	15	6	72.1	99.5	42.7	63.3	86.2	36.8
Transport accidents (V01-V99, Y85)	9	5	4	30.9	33.2	28.5	24.5	22.2	27.5
Motor vehicle accidents ⁸	8	5	3	27.5	33.2	21.3	20.9	22.2	19.7
Other land transport accidents ⁹	1	0	1	3.4	0.0	7.1	3.6	0.0	7.9
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Nontransport accidents (W00-X59, Y86)	12	10	2	41.2	66.3	14.2	38.8	64.0	9.3
Falls (W00-W19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	5	4	1	17.2	26.5	7.1	20.7	33.3	4.9
Accidental exposure to smoke, fire and flames (X00-X09)	1	0	1	3.4	0.0	7.1	2.1	0.0	4.4

See footnotes at the end of the table.

Table 1-14 – continued

Deaths by selected grouped causes, sex and geography — Nunavut¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	2	2	0	6.9	13.3	0.0	4.5	8.7	0.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	4	4	0	13.7	26.5	0.0	11.5	22.0	0.0
Intentional self-harm (suicide) (X60-X84, Y87.0)	31	25	6	106.4	165.8	42.7	96.4	145.7	43.9
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	6	5	1	20.6	33.2	7.1	19.1	31.2	6.4
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	25	20	5	85.8	132.6	35.6	77.3	114.5	37.5
Assault (homicide) (X85-Y09, Y87.1)	1	0	1	3.4	0.0	7.1	3.6	0.0	7.4
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	1	0	1	3.4	0.0	7.1	3.6	0.0	7.4
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: *Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM tables 102-0551 and 102-0552).*

Table 2-1

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — Under 1 year^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	1,765	983	782	526.6	572.5	478.3
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	1	1	0	0.3	0.6	0.0
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	1	0	1	0.3	0.0	0.6
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	6	0	6	1.8	0.0	3.7
Septicaemia (A40-A41)	9	4	5	2.7	2.3	3.1
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	9	7	2	2.7	4.1	1.2
Malignant neoplasms (C00-C97)	7	2	5	2.1	1.2	3.1
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	2	0	2	0.6	0.0	1.2
Malignant neoplasm of pancreas (C25)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0.0	0.0	0.0
Malignant melanoma of skin (C43)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of breast (C50)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of cervix uteri (C53)	...	...	0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	0	...	...	0.0
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	1	1	0	0.3	0.6	0.0
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	3	1	2	0.9	0.6	1.2
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	0	0	0	0.0	0.0	0.0
Leukaemia (C91-C95)	3	1	2	0.9	0.6	1.2
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	1	0	1	0.3	0.0	0.6
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	2	1	1	0.6	0.6	0.6
Anaemias (D50-D64)	1	0	1	0.3	0.0	0.6
Diabetes mellitus (E10-E14)	0	0	0	0.0	0.0	0.0
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	7	3	4	2.1	1.7	2.4
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	24	16	8	7.2	9.3	4.9
Diseases of heart (I00-I09, I11, I13, I20-I51)	20	13	7	6.0	7.6	4.3
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	1	1	0	0.3	0.6	0.0
Hypertensive heart disease (I11)	1	0	1	0.3	0.0	0.6

See footnotes at the end of the table.

Table 2-1 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — Under 1 year^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	1	0	1	0.3	0.0	0.6
Acute myocardial infarction (I21-I22)	1	0	1	0.3	0.0	0.6
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	0	0	0	0.0	0.0	0.0
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0.0	0.0	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	0	0	0	0.0	0.0	0.0
Other heart diseases (I26-I51)	17	12	5	5.1	7.0	3.1
Acute and subacute endocarditis (I33)	1	1	0	0.3	0.6	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	1	0	0.3	0.6	0.0
Heart failure (I50)	0	0	0	0.0	0.0	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	15	10	5	4.5	5.8	3.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	3	2	1	0.9	1.2	0.6
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	1	1	0	0.3	0.6	0.0
Aortic aneurysm and dissection (I71)	0	0	0	0.0	0.0	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	1	1	0	0.3	0.6	0.0
Other disorders of circulatory system (I80-I99)	6	3	3	1.8	1.7	1.8
Influenza and pneumonia (J10-J18)	12	6	6	3.6	3.5	3.7
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	12	6	6	3.6	3.5	3.7
Other acute lower respiratory infections (J20-J22)	1	0	1	0.3	0.0	0.6
Acute bronchitis and bronchiolitis (J20-J21)	1	0	1	0.3	0.0	0.6
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	1	0	1	0.3	0.0	0.6
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	1	0	1	0.3	0.0	0.6
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0.0	0.0	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	1	1	0	0.3	0.6	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	5	5	0	1.5	2.9	0.0
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	1	0	1	0.3	0.0	0.6
Hernia (K40-K46)	4	3	1	1.2	1.7	0.6
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0.0	0.0	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	5	3	2	1.5	1.7	1.2
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	1	1	0	0.3	0.6	0.0
Renal failure (N17-N19)	4	2	2	1.2	1.2	1.2
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	981	548	433	292.7	319.2	264.8
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	423	224	199	126.2	130.5	121.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	158	95	63	47.1	55.3	38.5
All other diseases (residual) ¹¹	66	44	22	19.7	25.6	13.5
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	25	13	12	7.5	7.6	7.3
Transport accidents (V01-V99, Y85)	4	2	2	1.2	1.2	1.2
Motor vehicle accidents ¹²	4	2	2	1.2	1.2	1.2
Other land transport accidents ¹³	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-1 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — Under 1 year^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0.0	0.0	0.0
Nontransport accidents (W00-X59, Y86)	21	11	10	6.3	6.4	6.1
Falls (W00-W19)	0	0	0	0.0	0.0	0.0
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	2	1	1	0.6	0.6	0.6
Accidental exposure to smoke, fire and flames (X00-X09)	0	0	0	0.0	0.0	0.0
Accidental poisoning and exposure to noxious substances (X40-X49)	0	0	0	0.0	0.0	0.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	19	10	9	5.7	5.8	5.5
Intentional self-harm (suicide) (X60-X84, Y87.0)	0	0	0	0.0	0.0	0.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	0	0.0	0.0	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	0	0	0	0.0	0.0	0.0
Assault (homicide) (X85-Y09, Y87.1)	8	3	5	2.4	1.7	3.1
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	8	3	5	2.4	1.7	3.1
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	1	1	0	0.3	0.6	0.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	1	1	0	0.3	0.6	0.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0.0	0.0	0.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section.*

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551).*

Table 2-2

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 1 to 4 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	312	174	138	22.7	24.8	20.6
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	3	3	0	0.2	0.4	0.0
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	2	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	2	2	0	0.1	0.3	0.0
Septicaemia (A40-A41)	6	2	4	0.4	0.3	0.6
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	8	5	3	0.6	0.7	0.4
Malignant neoplasms (C00-C97)	29	17	12	2.1	2.4	1.8
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1	1	0	0.1	0.1	0.0
Malignant neoplasm of pancreas (C25)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0.0	0.0	0.0
Malignant melanoma of skin (C43)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of breast (C50)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of cervix uteri (C53)	...	...	0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	0	...	...	0.0
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	8	4	4	0.6	0.6	0.6
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	11	8	3	0.8	1.1	0.4
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	2	0	2	0.1	0.0	0.3
Leukaemia (C91-C95)	9	8	1	0.7	1.1	0.1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	9	4	5	0.7	0.6	0.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	6	3	3	0.4	0.4	0.4
Anaemias (D50-D64)	3	3	0	0.2	0.4	0.0
Diabetes mellitus (E10-E14)	2	1	1	0.1	0.1	0.1
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	2	2	0	0.1	0.3	0.0
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	15	10	5	1.1	1.4	0.7
Diseases of heart (I00-I09, I11, I13, I20-I51)	15	10	5	1.1	1.4	0.7
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	1	0	1	0.1	0.0	0.1
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-2 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 1 to 4 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	0	0	0	0.0	0.0	0.0
Acute myocardial infarction (I21-I22)	0	0	0	0.0	0.0	0.0
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	0	0	0	0.0	0.0	0.0
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0.0	0.0	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	0	0	0	0.0	0.0	0.0
Other heart diseases (I26-I51)	14	10	4	1.0	1.4	0.6
Acute and subacute endocarditis (I33)	1	1	0	0.1	0.1	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0.0	0.0	0.0
Heart failure (I50)	1	0	1	0.1	0.0	0.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	12	9	3	0.9	1.3	0.4
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	0	0	0	0.0	0.0	0.0
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	0	0	0	0.0	0.0	0.0
Aortic aneurysm and dissection (I71)	0	0	0	0.0	0.0	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0.0	0.0	0.0
Other disorders of circulatory system (I80-I99)	0	0	0	0.0	0.0	0.0
Influenza and pneumonia (J10-J18)	15	8	7	1.1	1.1	1.0
Influenza (J10-J11)	3	1	2	0.2	0.1	0.3
Pneumonia (J12-J18)	12	7	5	0.9	1.0	0.7
Other acute lower respiratory infections (J20-J22)	2	2	0	0.1	0.3	0.0
Acute bronchitis and bronchiolitis (J20-J21)	2	2	0	0.1	0.3	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	0	0	0	0.0	0.0	0.0
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	0	0	0	0.0	0.0	0.0
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0.0	0.0	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	6	4	2	0.4	0.6	0.3
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2	2	0	0.1	0.3	0.0
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0.0	0.0	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	0	0.0	0.0	0.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0
Renal failure (N17-N19)	0	0	0	0.0	0.0	0.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	6	3	3	0.4	0.4	0.4
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	35	16	19	2.5	2.3	2.8
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	26	13	13	1.9	1.8	1.9
All other diseases (residual) ¹¹	51	25	26	3.7	3.6	3.9
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	86	49	37	6.3	7.0	5.5
Transport accidents (V01-V99, Y85)	29	15	14	2.1	2.1	2.1
Motor vehicle accidents ¹²	28	15	13	2.0	2.1	1.9
Other land transport accidents ¹³	1	0	1	0.1	0.0	0.1

See footnotes at the end of the table.

Table 2-2 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 1 to 4 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0.0	0.0	0.0
Nontransport accidents (W00-X59, Y86)	57	34	23	4.1	4.8	3.4
Falls (W00-W19)	2	1	1	0.1	0.1	0.1
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	14	11	3	1.0	1.6	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	12	7	5	0.9	1.0	0.7
Accidental poisoning and exposure to noxious substances (X40-X49)	4	2	2	0.3	0.3	0.3
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	25	13	12	1.8	1.8	1.8
Intentional self-harm (suicide) (X60-X84, Y87.0)	0	0	0	0.0	0.0	0.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	0	0.0	0.0	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	0	0	0	0.0	0.0	0.0
Assault (homicide) (X85-Y09, Y87.1)	6	3	3	0.4	0.4	0.4
Assault (homicide) by discharge of firearms (X93-X95)	1	1	0	0.1	0.1	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	5	2	3	0.4	0.3	0.4
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	1	1	0	0.1	0.1	0.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	1	1	0	0.1	0.1	0.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0.0	0.0	0.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551)*.

Table 2-3

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 5 to 9 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	204	128	76	10.4	12.8	8.0
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	3	1	2	0.2	0.1	0.2
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	0	0	0	0.0	0.0	0.0
Malignant neoplasms (C00-C97)	45	34	11	2.3	3.4	1.2
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of pancreas (C25)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0.0	0.0	0.0
Malignant melanoma of skin (C43)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of breast (C50)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of cervix uteri (C53)	...	...	0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	0	...	...	0.0
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	13	8	5	0.7	0.8	0.5
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	18	15	3	0.9	1.5	0.3
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	3	3	0	0.2	0.3	0.0
Leukaemia (C91-C95)	15	12	3	0.8	1.2	0.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	14	11	3	0.7	1.1	0.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	5	2	3	0.3	0.2	0.3
Anaemias (D50-D64)	3	3	0	0.2	0.3	0.0
Diabetes mellitus (E10-E14)	1	1	0	0.1	0.1	0.0
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	3	1	2	0.2	0.1	0.2
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	6	2	4	0.3	0.2	0.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	5	2	3	0.3	0.2	0.3
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0.0	0.0	0.0
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-3 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 5 to 9 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	0	0	0	0.0	0.0	0.0
Acute myocardial infarction (I21-I22)	0	0	0	0.0	0.0	0.0
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	0	0	0	0.0	0.0	0.0
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0.0	0.0	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	0	0	0	0.0	0.0	0.0
Other heart diseases (I26-I51)	5	2	3	0.3	0.2	0.3
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	0	1	0.1	0.0	0.1
Heart failure (I50)	0	0	0	0.0	0.0	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	4	2	2	0.2	0.2	0.2
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	1	0	1	0.1	0.0	0.1
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	0	0	0	0.0	0.0	0.0
Aortic aneurysm and dissection (I71)	0	0	0	0.0	0.0	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0.0	0.0	0.0
Other disorders of circulatory system (I80-I99)	0	0	0	0.0	0.0	0.0
Influenza and pneumonia (J10-J18)	6	2	4	0.3	0.2	0.4
Influenza (J10-J11)	1	0	1	0.1	0.0	0.1
Pneumonia (J12-J18)	5	2	3	0.3	0.2	0.3
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	1	1	0	0.1	0.1	0.0
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	1	1	0	0.1	0.1	0.0
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0.0	0.0	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	3	2	1	0.2	0.2	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2	1	1	0.1	0.1	0.1
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	1	0	1	0.1	0.0	0.1
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0.0	0.0	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	0	0.0	0.0	0.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0
Renal failure (N17-N19)	0	0	0	0.0	0.0	0.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	2	1	1	0.1	0.1	0.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	12	6	6	0.6	0.6	0.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	10	4	6	0.5	0.4	0.6
All other diseases (residual) ¹¹	28	19	9	1.4	1.9	0.9
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	69	45	24	3.5	4.5	2.5
Transport accidents (V01-V99, Y85)	41	26	15	2.1	2.6	1.6
Motor vehicle accidents ¹²	35	21	14	1.8	2.1	1.5
Other land transport accidents ¹³	3	2	1	0.2	0.2	0.1

See footnotes at the end of the table.

Table 2-3 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 5 to 9 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	3	3	0	0.2	0.3	0.0
Nontransport accidents (W00-X59, Y86)	28	19	9	1.4	1.9	0.9
Falls (W00-W19)	1	1	0	0.1	0.1	0.0
Accidental discharge of firearms (W32-W34)	2	2	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	12	10	2	0.6	1.0	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	5	1	4	0.3	0.1	0.4
Accidental poisoning and exposure to noxious substances (X40-X49)	1	1	0	0.1	0.1	0.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	7	4	3	0.4	0.4	0.3
Intentional self-harm (suicide) (X60-X84, Y87.0)	0	0	0	0.0	0.0	0.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	0	0.0	0.0	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	0	0	0	0.0	0.0	0.0
Assault (homicide) (X85-Y09, Y87.1)	4	3	1	0.2	0.3	0.1
Assault (homicide) by discharge of firearms (X93-X95)	1	1	0	0.1	0.1	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	3	2	1	0.2	0.2	0.1
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	0	0	0	0.0	0.0	0.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	0	0	0	0.0	0.0	0.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0.0	0.0	0.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section.*

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551).*

Table 2-4

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 10 to 14 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	295	181	114	13.9	16.7	11.0
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0
Tuberculosis (A16-A19)	1	1	0	0.0	0.1	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	1	1	0	0.0	0.1	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	1	0	1	0.0	0.0	0.1
Septicaemia (A40-A41)	0	0	0	0.0	0.0	0.0
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	1	0	1	0.0	0.0	0.1
Malignant neoplasms (C00-C97)	40	24	16	1.9	2.2	1.5
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of pancreas (C25)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0.0	0.0	0.0
Malignant melanoma of skin (C43)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of breast (C50)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of cervix uteri (C53)	...	...	0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	0	...	...	0.0
Malignant neoplasm of prostate (C61)	...	1	...	...	0.1	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	16	10	6	0.8	0.9	0.6
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	12	8	4	0.6	0.7	0.4
Hodgkin's disease (C81)	1	0	1	0.0	0.0	0.1
Non-Hodgkin's lymphoma (C82-C85)	4	3	1	0.2	0.3	0.1
Leukaemia (C91-C95)	7	5	2	0.3	0.5	0.2
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	9	3	6	0.4	0.3	0.6
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	5	2	3	0.2	0.2	0.3
Anaemias (D50-D64)	0	0	0	0.0	0.0	0.0
Diabetes mellitus (E10-E14)	1	1	0	0.0	0.1	0.0
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	2	2	0	0.1	0.2	0.0
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	14	10	4	0.7	0.9	0.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	11	9	2	0.5	0.8	0.2
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0.0	0.0	0.0
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-4 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 10 to 14 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	0	0	0	0.0	0.0	0.0
Acute myocardial infarction (I21-I22)	0	0	0	0.0	0.0	0.0
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	0	0	0	0.0	0.0	0.0
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0.0	0.0	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	0	0	0	0.0	0.0	0.0
Other heart diseases (I26-I51)	11	9	2	0.5	0.8	0.2
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	1	0	0.0	0.1	0.0
Heart failure (I50)	0	0	0	0.0	0.0	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	10	8	2	0.5	0.7	0.2
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	2	0	2	0.1	0.0	0.2
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	1	1	0	0.0	0.1	0.0
Aortic aneurysm and dissection (I71)	1	1	0	0.0	0.1	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0.0	0.0	0.0
Other disorders of circulatory system (I80-I99)	0	0	0	0.0	0.0	0.0
Influenza and pneumonia (J10-J18)	4	1	3	0.2	0.1	0.3
Influenza (J10-J11)	2	1	1	0.1	0.1	0.1
Pneumonia (J12-J18)	2	0	2	0.1	0.0	0.2
Other acute lower respiratory infections (J20-J22)	1	1	0	0.0	0.1	0.0
Acute bronchitis and bronchiolitis (J20-J21)	1	1	0	0.0	0.1	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	2	2	0	0.1	0.2	0.0
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	2	2	0	0.1	0.2	0.0
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0.0	0.0	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	3	1	2	0.1	0.1	0.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2	0	2	0.1	0.0	0.2
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	1	1	0	0.0	0.1	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	1	1	0	0.0	0.1	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	0	0.0	0.0	0.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0
Renal failure (N17-N19)	0	0	0	0.0	0.0	0.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	1	0	1	0.0	0.0	0.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	20	13	7	0.9	1.2	0.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	13	9	4	0.6	0.8	0.4
All other diseases (residual) ¹¹	34	16	18	1.6	1.5	1.7
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	110	72	38	5.2	6.6	3.7
Transport accidents (V01-V99, Y85)	77	47	30	3.6	4.3	2.9
Motor vehicle accidents ¹²	70	44	26	3.3	4.1	2.5
Other land transport accidents ¹³	4	3	1	0.2	0.3	0.1

See footnotes at the end of the table.

Table 2-4 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 10 to 14 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	3	0	3	0.1	0.0	0.3
Nontransport accidents (W00-X59, Y86)	33	25	8	1.6	2.3	0.8
Falls (W00-W19)	1	1	0	0.0	0.1	0.0
Accidental discharge of firearms (W32-W34)	1	1	0	0.0	0.1	0.0
Accidental drowning and submersion (W65-W74)	12	8	4	0.6	0.7	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	6	5	1	0.3	0.5	0.1
Accidental poisoning and exposure to noxious substances (X40-X49)	2	1	1	0.1	0.1	0.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	11	9	2	0.5	0.8	0.2
Intentional self-harm (suicide) (X60-X84, Y87.0)	27	19	8	1.3	1.7	0.8
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	1	1	0	0.0	0.1	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	26	18	8	1.2	1.7	0.8
Assault (homicide) (X85-Y09, Y87.1)	10	5	5	0.5	0.5	0.5
Assault (homicide) by discharge of firearms (X93-X95)	2	1	1	0.1	0.1	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	8	4	4	0.4	0.4	0.4
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	1	1	0	0.0	0.1	0.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	1	1	0	0.0	0.1	0.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	1	0	1	0.0	0.0	0.1

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551)*.

Table 2-5

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 15 to 19 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	985	699	286	46.4	64.1	27.7
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	4	2	2	0.2	0.2	0.2
Septicaemia (A40-A41)	5	2	3	0.2	0.2	0.3
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	1	1	0	0.0	0.1	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	1	0	1	0.0	0.0	0.1
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	2	2	0	0.1	0.2	0.0
Malignant neoplasms (C00-C97)	83	50	33	3.9	4.6	3.2
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	4	1	3	0.2	0.1	0.3
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1	0	1	0.0	0.0	0.1
Malignant neoplasm of pancreas (C25)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0.0	0.0	0.0
Malignant melanoma of skin (C43)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of breast (C50)	1	0	1	0.0	0.0	0.1
Malignant neoplasm of cervix uteri (C53)	...	...	0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	0	...	...	0.0
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	13	8	5	0.6	0.7	0.5
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	36	24	12	1.7	2.2	1.2
Hodgkin's disease (C81)	3	2	1	0.1	0.2	0.1
Non-Hodgkin's lymphoma (C82-C85)	7	4	3	0.3	0.4	0.3
Leukaemia (C91-C95)	26	18	8	1.2	1.7	0.8
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	26	15	11	1.2	1.4	1.1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	1	0	1	0.0	0.0	0.1
Anaemias (D50-D64)	0	0	0	0.0	0.0	0.0
Diabetes mellitus (E10-E14)	3	2	1	0.1	0.2	0.1
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	0	0	0	0.0	0.0	0.0
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	27	11	16	1.3	1.0	1.5
Diseases of heart (I00-I09, I11, I13, I20-I51)	19	8	11	0.9	0.7	1.1
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0.0	0.0	0.0
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-5 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 15 to 19 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	2	0	2	0.1	0.0	0.2
Acute myocardial infarction (I21-I22)	1	0	1	0.0	0.0	0.1
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	1	0	1	0.0	0.0	0.1
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0.0	0.0	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1	0	1	0.0	0.0	0.1
Other heart diseases (I26-I51)	17	8	9	0.8	0.7	0.9
Acute and subacute endocarditis (I33)	1	0	1	0.0	0.0	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0.0	0.0	0.0
Heart failure (I50)	0	0	0	0.0	0.0	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	16	8	8	0.8	0.7	0.8
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	7	3	4	0.3	0.3	0.4
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	1	0	1	0.0	0.0	0.1
Aortic aneurysm and dissection (I71)	0	0	0	0.0	0.0	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	1	0	1	0.0	0.0	0.1
Other disorders of circulatory system (I80-I99)	2	0	2	0.1	0.0	0.2
Influenza and pneumonia (J10-J18)	5	5	0	0.2	0.5	0.0
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	5	5	0	0.2	0.5	0.0
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	3	1	2	0.1	0.1	0.2
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	2	1	1	0.1	0.1	0.1
Other chronic lower respiratory diseases (J44, J47)	1	0	1	0.0	0.0	0.1
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	2	2	0	0.1	0.2	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	5	4	1	0.2	0.4	0.1
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	1	1	0	0.0	0.1	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0.0	0.0	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	4	1	3	0.2	0.1	0.3
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	2	1	1	0.1	0.1	0.1
Renal failure (N17-N19)	2	0	2	0.1	0.0	0.2
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	1	0	1	0.0	0.0	0.1
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	18	11	7	0.8	1.0	0.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	40	32	8	1.9	2.9	0.8
All other diseases (residual) ¹¹	61	34	27	2.9	3.1	2.6
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	444	329	115	20.9	30.2	11.1
Transport accidents (V01-V99, Y85)	356	262	94	16.8	24.0	9.1
Motor vehicle accidents ¹²	340	249	91	16.0	22.8	8.8
Other land transport accidents ¹³	7	6	1	0.3	0.6	0.1

See footnotes at the end of the table.

Table 2-5 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 15 to 19 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	9	7	2	0.4	0.6	0.2
Nontransport accidents (W00-X59, Y86)	88	67	21	4.1	6.1	2.0
Falls (W00-W19)	13	9	4	0.6	0.8	0.4
Accidental discharge of firearms (W32-W34)	3	3	0	0.1	0.3	0.0
Accidental drowning and submersion (W65-W74)	21	18	3	1.0	1.7	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	2	1	1	0.1	0.1	0.1
Accidental poisoning and exposure to noxious substances (X40-X49)	18	11	7	0.8	1.0	0.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	31	25	6	1.5	2.3	0.6
Intentional self-harm (suicide) (X60-X84, Y87.0)	216	161	55	10.2	14.8	5.3
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	32	27	5	1.5	2.5	0.5
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	184	134	50	8.7	12.3	4.8
Assault (homicide) (X85-Y09, Y87.1)	36	31	5	1.7	2.8	0.5
Assault (homicide) by discharge of firearms (X93-X95)	13	11	2	0.6	1.0	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	23	20	3	1.1	1.8	0.3
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	15	13	2	0.7	1.2	0.2
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	15	13	2	0.7	1.2	0.2
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	4	3	1	0.2	0.3	0.1

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section.*

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551).*

Table 2-6

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 20 to 24 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	1,314	970	344	60.0	86.6	32.1
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	1	1	0	0.0	0.1	0.0
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	2	0	2	0.1	0.0	0.2
Septicaemia (A40-A41)	3	1	2	0.1	0.1	0.2
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	1	1	0	0.0	0.1	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	2	2	0	0.1	0.2	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	3	2	1	0.1	0.2	0.1
Malignant neoplasms (C00-C97)	89	53	36	4.1	4.7	3.4
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	1	1	0	0.0	0.1	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	3	3	0	0.1	0.3	0.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of pancreas (C25)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1	1	0	0.0	0.1	0.0
Malignant melanoma of skin (C43)	5	4	1	0.2	0.4	0.1
Malignant neoplasm of breast (C50)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of cervix uteri (C53)	...	...	1	...	...	0.1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	3	...	...	0.3
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	2	2	0	0.1	0.2	0.0
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	15	7	8	0.7	0.6	0.7
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	29	13	16	1.3	1.2	1.5
Hodgkin's disease (C81)	3	2	1	0.1	0.2	0.1
Non-Hodgkin's lymphoma (C82-C85)	11	6	5	0.5	0.5	0.5
Leukaemia (C91-C95)	15	5	10	0.7	0.4	0.9
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	26	19	7	1.2	1.7	0.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	6	1	5	0.3	0.1	0.5
Anaemias (D50-D64)	2	1	1	0.1	0.1	0.1
Diabetes mellitus (E10-E14)	5	2	3	0.2	0.2	0.3
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	2	1	1	0.1	0.1	0.1
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	49	34	15	2.2	3.0	1.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	43	30	13	2.0	2.7	1.2
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	1	0	1	0.0	0.0	0.1
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-6 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 20 to 24 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	6	6	0	0.3	0.5	0.0
Acute myocardial infarction (I21-I22)	0	0	0	0.0	0.0	0.0
Other acute ischaemic heart diseases (I24)	1	1	0	0.0	0.1	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	5	5	0	0.2	0.4	0.0
Atherosclerotic cardiovascular disease, so described (I25.0)	1	1	0	0.0	0.1	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	4	4	0	0.2	0.4	0.0
Other heart diseases (I26-I51)	36	24	12	1.6	2.1	1.1
Acute and subacute endocarditis (I33)	1	1	0	0.0	0.1	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	1	0	0.0	0.1	0.0
Heart failure (I50)	0	0	0	0.0	0.0	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	34	22	12	1.6	2.0	1.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1	0	1	0.0	0.0	0.1
Cerebrovascular diseases (I60-I69)	2	1	1	0.1	0.1	0.1
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	3	3	0	0.1	0.3	0.0
Aortic aneurysm and dissection (I71)	2	2	0	0.1	0.2	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	1	1	0	0.0	0.1	0.0
Other disorders of circulatory system (I80-I99)	1	1	0	0.0	0.1	0.0
Influenza and pneumonia (J10-J18)	4	1	3	0.2	0.1	0.3
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	4	1	3	0.2	0.1	0.3
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	6	1	5	0.3	0.1	0.5
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	5	1	4	0.2	0.1	0.4
Other chronic lower respiratory diseases (J44, J47)	1	0	1	0.0	0.0	0.1
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	6	5	1	0.3	0.4	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	4	1	3	0.2	0.1	0.3
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0.0	0.0	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	2	0	2	0.1	0.0	0.2
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	2	1	1	0.1	0.1	0.1
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0
Renal failure (N17-N19)	2	1	1	0.1	0.1	0.1
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	2	0	2	0.1	0.0	0.2
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	2	...	...	0.2
Pregnancy with abortive outcome (O00-O07)	...	...	1	...	...	0.1
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	1	...	...	0.1
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	21	13	8	1.0	1.2	0.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	51	39	12	2.3	3.5	1.1
All other diseases (residual) ¹¹	85	49	36	3.9	4.4	3.4
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	529	416	113	24.2	37.1	10.6
Transport accidents (V01-V99, Y85)	383	296	87	17.5	26.4	8.1
Motor vehicle accidents ¹²	362	277	85	16.5	24.7	7.9
Other land transport accidents ¹³	2	2	0	0.1	0.2	0.0

See footnotes at the end of the table.

Table 2-6 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 20 to 24 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	19	17	2	0.9	1.5	0.2
Nontransport accidents (W00-X59, Y86)	146	120	26	6.7	10.7	2.4
Falls (W00-W19)	23	21	2	1.1	1.9	0.2
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	17	17	0	0.8	1.5	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	14	10	4	0.6	0.9	0.4
Accidental poisoning and exposure to noxious substances (X40-X49)	49	34	15	2.2	3.0	1.4
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	43	38	5	2.0	3.4	0.5
Intentional self-harm (suicide) (X60-X84, Y87.0)	306	248	58	14.0	22.1	5.4
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	40	37	3	1.8	3.3	0.3
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	266	211	55	12.1	18.8	5.1
Assault (homicide) (X85-Y09, Y87.1)	90	71	19	4.1	6.3	1.8
Assault (homicide) by discharge of firearms (X93-X95)	38	33	5	1.7	2.9	0.5
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	52	38	14	2.4	3.4	1.3
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	36	24	12	1.6	2.1	1.1
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	36	24	12	1.6	2.1	1.1
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0.0	0.0	0.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551)*.

Table 2-7

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 25 to 29 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	1,196	828	368	56.4	77.0	35.2
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0
Tuberculosis (A16-A19)	1	0	1	0.0	0.0	0.1
Respiratory tuberculosis (A16)	1	0	1	0.0	0.0	0.1
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	3	1	2	0.1	0.1	0.2
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	12	4	8	0.6	0.4	0.8
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	1	0	1	0.0	0.0	0.1
Malignant neoplasms (C00-C97)	119	55	64	5.6	5.1	6.1
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	2	2	0	0.1	0.2	0.0
Malignant neoplasm of oesophagus (C15)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of stomach (C16)	5	2	3	0.2	0.2	0.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	10	4	6	0.5	0.4	0.6
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	2	1	1	0.1	0.1	0.1
Malignant neoplasm of pancreas (C25)	3	1	2	0.1	0.1	0.2
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	3	2	1	0.1	0.2	0.1
Malignant melanoma of skin (C43)	4	4	0	0.2	0.4	0.0
Malignant neoplasm of breast (C50)	14	0	14	0.7	0.0	1.3
Malignant neoplasm of cervix uteri (C53)	...	...	5	...	...	0.5
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	2	...	...	0.2
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	2	1	1	0.1	0.1	0.1
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	15	8	7	0.7	0.7	0.7
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	30	17	13	1.4	1.6	1.2
Hodgkin's disease (C81)	4	2	2	0.2	0.2	0.2
Non-Hodgkin's lymphoma (C82-C85)	14	9	5	0.7	0.8	0.5
Leukaemia (C91-C95)	12	6	6	0.6	0.6	0.6
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	21	12	9	1.0	1.1	0.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	6	3	3	0.3	0.3	0.3
Anaemias (D50-D64)	4	3	1	0.2	0.3	0.1
Diabetes mellitus (E10-E14)	13	6	7	0.6	0.6	0.7
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	0	0	0	0.0	0.0	0.0
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	67	45	22	3.2	4.2	2.1
Diseases of heart (I00-I09, I11, I13, I20-I51)	52	38	14	2.5	3.5	1.3
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0.0	0.0	0.0
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-7 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 25 to 29 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	15	14	1	0.7	1.3	0.1
Acute myocardial infarction (I21-I22)	7	6	1	0.3	0.6	0.1
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	8	8	0	0.4	0.7	0.0
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0.0	0.0	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	8	8	0	0.4	0.7	0.0
Other heart diseases (I26-I51)	37	24	13	1.7	2.2	1.2
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	0	1	0.0	0.0	0.1
Heart failure (I50)	0	0	0	0.0	0.0	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	36	24	12	1.7	2.2	1.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	10	4	6	0.5	0.4	0.6
Atherosclerosis (I70)	1	0	1	0.0	0.0	0.1
Other diseases of circulatory system (I71-I78)	4	3	1	0.2	0.3	0.1
Aortic aneurysm and dissection (I71)	4	3	1	0.2	0.3	0.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0.0	0.0	0.0
Other disorders of circulatory system (I80-I99)	4	0	4	0.2	0.0	0.4
Influenza and pneumonia (J10-J18)	8	4	4	0.4	0.4	0.4
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	8	4	4	0.4	0.4	0.4
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	9	7	2	0.4	0.7	0.2
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	8	6	2	0.4	0.6	0.2
Other chronic lower respiratory diseases (J44, J47)	1	1	0	0.0	0.1	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	2	2	0	0.1	0.2	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	4	2	2	0.2	0.2	0.2
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	9	5	4	0.4	0.5	0.4
Alcoholic liver disease (K70)	6	3	3	0.3	0.3	0.3
Other chronic liver disease and cirrhosis (K73-K74)	3	2	1	0.1	0.2	0.1
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	1	1	0	0.0	0.1	0.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	1	1	0	0.0	0.1	0.0
Renal failure (N17-N19)	0	0	0	0.0	0.0	0.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	7	...	...	0.7
Pregnancy with abortive outcome (O00-O07)	...	...	1	...	...	0.1
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	6	...	...	0.6
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	25	14	11	1.2	1.3	1.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	57	40	17	2.7	3.7	1.6
All other diseases (residual) ¹¹	102	53	49	4.8	4.9	4.7
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	399	315	84	18.8	29.3	8.0
Transport accidents (V01-V99, Y85)	255	207	48	12.0	19.2	4.6
Motor vehicle accidents ¹²	242	196	46	11.4	18.2	4.4
Other land transport accidents ¹³	2	1	1	0.1	0.1	0.1

See footnotes at the end of the table.

Table 2-7 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 25 to 29 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	11	10	1	0.5	0.9	0.1
Nontransport accidents (W00-X59, Y86)	144	108	36	6.8	10.0	3.4
Falls (W00-W19)	15	10	5	0.7	0.9	0.5
Accidental discharge of firearms (W32-W34)	4	3	1	0.2	0.3	0.1
Accidental drowning and submersion (W65-W74)	7	6	1	0.3	0.6	0.1
Accidental exposure to smoke, fire and flames (X00-X09)	2	0	2	0.1	0.0	0.2
Accidental poisoning and exposure to noxious substances (X40-X49)	76	54	22	3.6	5.0	2.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	40	35	5	1.9	3.3	0.5
Intentional self-harm (suicide) (X60-X84, Y87.0)	245	197	48	11.5	18.3	4.6
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	30	28	2	1.4	2.6	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	215	169	46	10.1	15.7	4.4
Assault (homicide) (X85-Y09, Y87.1)	48	36	12	2.3	3.3	1.1
Assault (homicide) by discharge of firearms (X93-X95)	24	22	2	1.1	2.0	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	24	14	10	1.1	1.3	1.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	49	34	15	2.3	3.2	1.4
Discharge of firearms, undetermined intent (Y22-Y24)	2	2	0	0.1	0.2	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	47	32	15	2.2	3.0	1.4
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	1	1	0	0.0	0.1	0.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section.*

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551).*

Table 2-8

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 30 to 34 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	1,497	993	504	67.1	88.1	45.6
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0
Tuberculosis (A16-A19)	1	1	0	0.0	0.1	0.0
Respiratory tuberculosis (A16)	1	1	0	0.0	0.1	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	5	2	3	0.2	0.2	0.3
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	4	3	1	0.2	0.3	0.1
Human immunodeficiency virus [HIV] disease (B20-B24)	36	27	9	1.6	2.4	0.8
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	7	5	2	0.3	0.4	0.2
Malignant neoplasms (C00-C97)	228	107	121	10.2	9.5	10.9
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	5	3	2	0.2	0.3	0.2
Malignant neoplasm of oesophagus (C15)	3	2	1	0.1	0.2	0.1
Malignant neoplasm of stomach (C16)	14	7	7	0.6	0.6	0.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	14	8	6	0.6	0.7	0.5
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	6	2	4	0.3	0.2	0.4
Malignant neoplasm of pancreas (C25)	2	0	2	0.1	0.0	0.2
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	6	3	3	0.3	0.3	0.3
Malignant melanoma of skin (C43)	11	5	6	0.5	0.4	0.5
Malignant neoplasm of breast (C50)	27	1	26	1.2	0.1	2.4
Malignant neoplasm of cervix uteri (C53)	...	...	15	...	...	1.4
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	1	...	...	0.1
Malignant neoplasm of ovary (C56)	...	...	7	...	...	0.6
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of bladder (C67)	2	0	2	0.1	0.0	0.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	21	13	8	0.9	1.2	0.7
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	43	34	9	1.9	3.0	0.8
Hodgkin's disease (C81)	5	2	3	0.2	0.2	0.3
Non-Hodgkin's lymphoma (C82-C85)	19	16	3	0.9	1.4	0.3
Leukaemia (C91-C95)	17	14	3	0.8	1.2	0.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	2	2	0	0.1	0.2	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	50	28	22	2.2	2.5	2.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	14	9	5	0.6	0.8	0.5
Anaemias (D50-D64)	2	1	1	0.1	0.1	0.1
Diabetes mellitus (E10-E14)	23	11	12	1.0	1.0	1.1
Nutritional deficiencies (E40-E64)	1	0	1	0.0	0.0	0.1
Malnutrition (E40-E46)	1	0	1	0.0	0.0	0.1
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	2	1	1	0.1	0.1	0.1
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	119	79	40	5.3	7.0	3.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	93	67	26	4.2	5.9	2.4
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	1	0	1	0.0	0.0	0.1
Hypertensive heart disease (I11)	1	1	0	0.0	0.1	0.0

See footnotes at the end of the table.

Table 2-8 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 30 to 34 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	38	34	4	1.7	3.0	0.4
Acute myocardial infarction (I21-I22)	12	11	1	0.5	1.0	0.1
Other acute ischaemic heart diseases (I24)	1	1	0	0.0	0.1	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	25	22	3	1.1	2.0	0.3
Atherosclerotic cardiovascular disease, so described (I25.0)	3	3	0	0.1	0.3	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	22	19	3	1.0	1.7	0.3
Other heart diseases (I26-I51)	53	32	21	2.4	2.8	1.9
Acute and subacute endocarditis (I33)	3	3	0	0.1	0.3	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	3	1	2	0.1	0.1	0.2
Heart failure (I50)	4	2	2	0.2	0.2	0.2
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	43	26	17	1.9	2.3	1.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1	1	0	0.0	0.1	0.0
Cerebrovascular diseases (I60-I69)	18	7	11	0.8	0.6	1.0
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	7	4	3	0.3	0.4	0.3
Aortic aneurysm and dissection (I71)	5	4	1	0.2	0.4	0.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	2	0	2	0.1	0.0	0.2
Other disorders of circulatory system (I80-I99)	3	0	3	0.1	0.0	0.3
Influenza and pneumonia (J10-J18)	9	5	4	0.4	0.4	0.4
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	9	5	4	0.4	0.4	0.4
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	8	3	5	0.4	0.3	0.5
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	7	2	5	0.3	0.2	0.5
Other chronic lower respiratory diseases (J44, J47)	1	1	0	0.0	0.1	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	2	1	1	0.1	0.1	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	5	4	1	0.2	0.4	0.1
Peptic ulcer (K25-K28)	2	2	0	0.1	0.2	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	16	8	8	0.7	0.7	0.7
Alcoholic liver disease (K70)	11	6	5	0.5	0.5	0.5
Other chronic liver disease and cirrhosis (K73-K74)	5	2	3	0.2	0.2	0.3
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	10	7	3	0.4	0.6	0.3
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	1	0	1	0.0	0.0	0.1
Renal failure (N17-N19)	9	7	2	0.4	0.6	0.2
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	9	...	...	0.8
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	9	...	...	0.8
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	15	8	7	0.7	0.7	0.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	79	57	22	3.5	5.1	2.0
All other diseases (residual) ¹¹	131	71	60	5.9	6.3	5.4
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	379	294	85	17.0	26.1	7.7
Transport accidents (V01-V99, Y85)	210	160	50	9.4	14.2	4.5
Motor vehicle accidents ¹²	194	147	47	8.7	13.0	4.3
Other land transport accidents ¹³	2	2	0	0.1	0.2	0.0

See footnotes at the end of the table.

Table 2-8 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 30 to 34 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	14	11	3	0.6	1.0	0.3
Nontransport accidents (W00-X59, Y86)	169	134	35	7.6	11.9	3.2
Falls (W00-W19)	12	10	2	0.5	0.9	0.2
Accidental discharge of firearms (W32-W34)	2	2	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	14	12	2	0.6	1.1	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	10	7	3	0.4	0.6	0.3
Accidental poisoning and exposure to noxious substances (X40-X49)	89	71	18	4.0	6.3	1.6
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	42	32	10	1.9	2.8	0.9
Intentional self-harm (suicide) (X60-X84, Y87.0)	295	229	66	13.2	20.3	6.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	35	31	4	1.6	2.8	0.4
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	260	198	62	11.6	17.6	5.6
Assault (homicide) (X85-Y09, Y87.1)	37	25	12	1.7	2.2	1.1
Assault (homicide) by discharge of firearms (X93-X95)	10	8	2	0.4	0.7	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	27	17	10	1.2	1.5	0.9
Legal intervention (Y35, Y89.0)	2	2	0	0.1	0.2	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	51	30	21	2.3	2.7	1.9
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	51	30	21	2.3	2.7	1.9
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	1	1	0	0.0	0.1	0.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source: Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551).

Table 2-9

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 35 to 39 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	2,404	1,592	812	96.7	127.3	65.7
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0
Tuberculosis (A16-A19)	2	1	1	0.1	0.1	0.1
Respiratory tuberculosis (A16)	2	1	1	0.1	0.1	0.1
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	12	6	6	0.5	0.5	0.5
Syphilis (A50-A53)	1	1	0	0.0	0.1	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	7	6	1	0.3	0.5	0.1
Human immunodeficiency virus [HIV] disease (B20-B24)	80	69	11	3.2	5.5	0.9
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	6	3	3	0.2	0.2	0.2
Malignant neoplasms (C00-C97)	506	223	283	20.4	17.8	22.9
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	13	9	4	0.5	0.7	0.3
Malignant neoplasm of oesophagus (C15)	12	12	0	0.5	1.0	0.0
Malignant neoplasm of stomach (C16)	25	13	12	1.0	1.0	1.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	37	25	12	1.5	2.0	1.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	10	10	0	0.4	0.8	0.0
Malignant neoplasm of pancreas (C25)	16	10	6	0.6	0.8	0.5
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	50	23	27	2.0	1.8	2.2
Malignant melanoma of skin (C43)	15	4	11	0.6	0.3	0.9
Malignant neoplasm of breast (C50)	82	0	82	3.3	0.0	6.6
Malignant neoplasm of cervix uteri (C53)	...	...	21	...	...	1.7
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	4	...	...	0.3
Malignant neoplasm of ovary (C56)	...	...	11	...	...	0.9
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	7	6	1	0.3	0.5	0.1
Malignant neoplasm of bladder (C67)	2	2	0	0.1	0.2	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	56	28	28	2.3	2.2	2.3
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	70	49	21	2.8	3.9	1.7
Hodgkin's disease (C81)	8	6	2	0.3	0.5	0.2
Non-Hodgkin's lymphoma (C82-C85)	30	23	7	1.2	1.8	0.6
Leukaemia (C91-C95)	29	18	11	1.2	1.4	0.9
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	3	2	1	0.1	0.2	0.1
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	75	32	43	3.0	2.6	3.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	17	14	3	0.7	1.1	0.2
Anaemias (D50-D64)	3	2	1	0.1	0.2	0.1
Diabetes mellitus (E10-E14)	32	19	13	1.3	1.5	1.1
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	2	2	0	0.1	0.2	0.0
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	278	198	80	11.2	15.8	6.5
Diseases of heart (I00-I09, I11, I13, I20-I51)	219	163	56	8.8	13.0	4.5
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	5	0	5	0.2	0.0	0.4
Hypertensive heart disease (I11)	5	4	1	0.2	0.3	0.1

See footnotes at the end of the table.

Table 2-9 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 35 to 39 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	130	106	24	5.2	8.5	1.9
Acute myocardial infarction (I21-I22)	67	53	14	2.7	4.2	1.1
Other acute ischaemic heart diseases (I24)	6	4	2	0.2	0.3	0.2
Other forms of chronic ischaemic heart disease (I20, I25)	57	49	8	2.3	3.9	0.6
Atherosclerotic cardiovascular disease, so described (I25.0)	6	4	2	0.2	0.3	0.2
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	51	45	6	2.1	3.6	0.5
Other heart diseases (I26-I51)	79	53	26	3.2	4.2	2.1
Acute and subacute endocarditis (I33)	4	1	3	0.2	0.1	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	0	1	0.0	0.0	0.1
Heart failure (I50)	1	1	0	0.0	0.1	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	73	51	22	2.9	4.1	1.8
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1	0	1	0.0	0.0	0.1
Cerebrovascular diseases (I60-I69)	44	26	18	1.8	2.1	1.5
Atherosclerosis (I70)	2	1	1	0.1	0.1	0.1
Other diseases of circulatory system (I71-I78)	12	8	4	0.5	0.6	0.3
Aortic aneurysm and dissection (I71)	9	8	1	0.4	0.6	0.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	3	0	3	0.1	0.0	0.2
Other disorders of circulatory system (I80-I99)	6	3	3	0.2	0.2	0.2
Influenza and pneumonia (J10-J18)	17	8	9	0.7	0.6	0.7
Influenza (J10-J11)	2	2	0	0.1	0.2	0.0
Pneumonia (J12-J18)	15	6	9	0.6	0.5	0.7
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	8	4	4	0.3	0.3	0.3
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	6	3	3	0.2	0.2	0.2
Other chronic lower respiratory diseases (J44, J47)	2	1	1	0.1	0.1	0.1
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	4	3	1	0.2	0.2	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	6	4	2	0.2	0.3	0.2
Peptic ulcer (K25-K28)	1	1	0	0.0	0.1	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	2	1	1	0.1	0.1	0.1
Chronic liver disease and cirrhosis (K70, K73-K74)	43	23	20	1.7	1.8	1.6
Alcoholic liver disease (K70)	30	13	17	1.2	1.0	1.4
Other chronic liver disease and cirrhosis (K73-K74)	13	10	3	0.5	0.8	0.2
Cholelithiasis and other disorders of gallbladder (K80-K82)	1	1	0	0.0	0.1	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	10	4	6	0.4	0.3	0.5
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0
Renal failure (N17-N19)	10	4	6	0.4	0.3	0.5
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	1	0	1	0.0	0.0	0.1
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	4	...	...	0.3
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	4	...	...	0.3
Certain conditions originating in the perinatal period (P00-P96)	1	0	1	0.0	0.0	0.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	28	13	15	1.1	1.0	1.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	95	66	29	3.8	5.3	2.3
All other diseases (residual) ¹¹	194	116	78	7.8	9.3	6.3
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	490	374	116	19.7	29.9	9.4
Transport accidents (V01-V99, Y85)	254	191	63	10.2	15.3	5.1
Motor vehicle accidents ¹²	223	166	57	9.0	13.3	4.6
Other land transport accidents ¹³	6	3	3	0.2	0.2	0.2

See footnotes at the end of the table.

Table 2-9 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 35 to 39 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	25	22	3	1.0	1.8	0.2
Nontransport accidents (W00-X59, Y86)	236	183	53	9.5	14.6	4.3
Falls (W00-W19)	19	16	3	0.8	1.3	0.2
Accidental discharge of firearms (W32-W34)	3	3	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	28	25	3	1.1	2.0	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	8	7	1	0.3	0.6	0.1
Accidental poisoning and exposure to noxious substances (X40-X49)	124	87	37	5.0	7.0	3.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	54	45	9	2.2	3.6	0.7
Intentional self-harm (suicide) (X60-X84, Y87.0)	434	343	91	17.5	27.4	7.4
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	42	39	3	1.7	3.1	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	392	304	88	15.8	24.3	7.1
Assault (homicide) (X85-Y09, Y87.1)	40	32	8	1.6	2.6	0.6
Assault (homicide) by discharge of firearms (X93-X95)	12	9	3	0.5	0.7	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	28	23	5	1.1	1.8	0.4
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	71	51	20	2.9	4.1	1.6
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	0	0.0	0.1	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	70	50	20	2.8	4.0	1.6
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	1	0	1	0.0	0.0	0.1

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section.*

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551).*

Table 2-10

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 40 to 44 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	3,911	2,415	1,496	143.6	176.8	110.3
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	1	1	0	0.0	0.1	0.0
Tuberculosis (A16-A19)	1	0	1	0.0	0.0	0.1
Respiratory tuberculosis (A16)	1	0	1	0.0	0.0	0.1
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	1	0	1	0.0	0.0	0.1
Septicaemia (A40-A41)	25	13	12	0.9	1.0	0.9
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	18	14	4	0.7	1.0	0.3
Human immunodeficiency virus [HIV] disease (B20-B24)	100	82	18	3.7	6.0	1.3
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	6	4	2	0.2	0.3	0.1
Malignant neoplasms (C00-C97)	1,107	466	641	40.7	34.1	47.3
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	14	10	4	0.5	0.7	0.3
Malignant neoplasm of oesophagus (C15)	23	20	3	0.8	1.5	0.2
Malignant neoplasm of stomach (C16)	44	26	18	1.6	1.9	1.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	78	42	36	2.9	3.1	2.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	22	17	5	0.8	1.2	0.4
Malignant neoplasm of pancreas (C25)	47	28	19	1.7	2.0	1.4
Malignant neoplasm of larynx (C32)	2	2	0	0.1	0.1	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	227	100	127	8.3	7.3	9.4
Malignant melanoma of skin (C43)	34	19	15	1.2	1.4	1.1
Malignant neoplasm of breast (C50)	179	0	179	6.6	0.0	13.2
Malignant neoplasm of cervix uteri (C53)	...	...	35	...	...	2.6
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	8	...	...	0.6
Malignant neoplasm of ovary (C56)	...	...	40	...	...	2.9
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	19	12	7	0.7	0.9	0.5
Malignant neoplasm of bladder (C67)	6	5	1	0.2	0.4	0.1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	73	48	25	2.7	3.5	1.8
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	114	75	39	4.2	5.5	2.9
Hodgkin's disease (C81)	5	4	1	0.2	0.3	0.1
Non-Hodgkin's lymphoma (C82-C85)	48	33	15	1.8	2.4	1.1
Leukaemia (C91-C95)	52	33	19	1.9	2.4	1.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	9	5	4	0.3	0.4	0.3
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	142	62	80	5.2	4.5	5.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	24	13	11	0.9	1.0	0.8
Anaemias (D50-D64)	2	1	1	0.1	0.1	0.1
Diabetes mellitus (E10-E14)	79	51	28	2.9	3.7	2.1
Nutritional deficiencies (E40-E64)	1	0	1	0.0	0.0	0.1
Malnutrition (E40-E46)	1	0	1	0.0	0.0	0.1
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	2	1	1	0.1	0.1	0.1
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	600	435	165	22.0	31.8	12.2
Diseases of heart (I00-I09, I11, I13, I20-I51)	481	374	107	17.7	27.4	7.9
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	9	6	3	0.3	0.4	0.2
Hypertensive heart disease (I11)	6	4	2	0.2	0.3	0.1

See footnotes at the end of the table.

Table 2-10 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 40 to 44 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	334	273	61	12.3	20.0	4.5
Acute myocardial infarction (I21-I22)	181	149	32	6.6	10.9	2.4
Other acute ischaemic heart diseases (I24)	5	4	1	0.2	0.3	0.1
Other forms of chronic ischaemic heart disease (I20, I25)	148	120	28	5.4	8.8	2.1
Atherosclerotic cardiovascular disease, so described (I25.0)	11	9	2	0.4	0.7	0.1
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	137	111	26	5.0	8.1	1.9
Other heart diseases (I26-I51)	132	91	41	4.8	6.7	3.0
Acute and subacute endocarditis (I33)	4	3	1	0.1	0.2	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	1	0	0.0	0.1	0.0
Heart failure (I50)	14	10	4	0.5	0.7	0.3
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	113	77	36	4.2	5.6	2.7
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	6	4	2	0.2	0.3	0.1
Cerebrovascular diseases (I60-I69)	101	49	52	3.7	3.6	3.8
Atherosclerosis (I70)	2	1	1	0.1	0.1	0.1
Other diseases of circulatory system (I71-I78)	10	7	3	0.4	0.5	0.2
Aortic aneurysm and dissection (I71)	6	5	1	0.2	0.4	0.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	4	2	2	0.1	0.1	0.1
Other disorders of circulatory system (I80-I99)	10	6	4	0.4	0.4	0.3
Influenza and pneumonia (J10-J18)	43	26	17	1.6	1.9	1.3
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	43	26	17	1.6	1.9	1.3
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	31	13	18	1.1	1.0	1.3
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	3	1	2	0.1	0.1	0.1
Asthma (J45-J46)	14	6	8	0.5	0.4	0.6
Other chronic lower respiratory diseases (J44, J47)	14	6	8	0.5	0.4	0.6
Pneumoconioses and chemical effects (J60-J66, J68)	1	1	0	0.0	0.1	0.0
Pneumonitis due to solids and liquids (J69)	4	2	2	0.1	0.1	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	20	12	8	0.7	0.9	0.6
Peptic ulcer (K25-K28)	8	5	3	0.3	0.4	0.2
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	1	1	0	0.0	0.1	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	108	60	48	4.0	4.4	3.5
Alcoholic liver disease (K70)	75	39	36	2.8	2.9	2.7
Other chronic liver disease and cirrhosis (K73-K74)	33	21	12	1.2	1.5	0.9
Cholelithiasis and other disorders of gallbladder (K80-K82)	1	0	1	0.0	0.0	0.1
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	18	11	7	0.7	0.8	0.5
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	2	1	1	0.1	0.1	0.1
Renal failure (N17-N19)	16	10	6	0.6	0.7	0.4
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	3	1	2	0.1	0.1	0.1
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	29	12	17	1.1	0.9	1.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	145	90	55	5.3	6.6	4.1
All other diseases (residual) ¹¹	333	200	133	12.2	14.6	9.8
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	552	410	142	20.3	30.0	10.5
Transport accidents (V01-V99, Y85)	253	176	77	9.3	12.9	5.7
Motor vehicle accidents ¹²	237	161	76	8.7	11.8	5.6
Other land transport accidents ¹³	4	3	1	0.1	0.2	0.1

See footnotes at the end of the table.

Table 2-10 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 40 to 44 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	12	12	0	0.4	0.9	0.0
Nontransport accidents (W00-X59, Y86)	299	234	65	11.0	17.1	4.8
Falls (W00-W19)	39	33	6	1.4	2.4	0.4
Accidental discharge of firearms (W32-W34)	2	2	0	0.1	0.1	0.0
Accidental drowning and submersion (W65-W74)	31	25	6	1.1	1.8	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	18	12	6	0.7	0.9	0.4
Accidental poisoning and exposure to noxious substances (X40-X49)	145	109	36	5.3	8.0	2.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	64	53	11	2.4	3.9	0.8
Intentional self-harm (suicide) (X60-X84, Y87.0)	463	357	106	17.0	26.1	7.8
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	64	61	3	2.4	4.5	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	399	296	103	14.7	21.7	7.6
Assault (homicide) (X85-Y09, Y87.1)	51	37	14	1.9	2.7	1.0
Assault (homicide) by discharge of firearms (X93-X95)	16	9	7	0.6	0.7	0.5
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	35	28	7	1.3	2.0	0.5
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	118	89	29	4.3	6.5	2.1
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	0	0.0	0.1	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	117	88	29	4.3	6.4	2.1
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	5	1	4	0.2	0.1	0.3

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source: Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551).

Table 2-11

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 45 to 49 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	5,731	3,534	2,197	227.6	282.1	173.6
Salmonella infections (A01-A02)	1	0	1	0.0	0.0	0.1
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0
Tuberculosis (A16-A19)	1	1	0	0.0	0.1	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	1	1	0	0.0	0.1	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	1	1	0	0.0	0.1	0.0
Septicaemia (A40-A41)	30	15	15	1.2	1.2	1.2
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	51	36	15	2.0	2.9	1.2
Human immunodeficiency virus [HIV] disease (B20-B24)	76	64	12	3.0	5.1	0.9
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	24	18	6	1.0	1.4	0.5
Malignant neoplasms (C00-C97)	2,110	955	1,155	83.8	76.2	91.3
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	52	38	14	2.1	3.0	1.1
Malignant neoplasm of oesophagus (C15)	59	51	8	2.3	4.1	0.6
Malignant neoplasm of stomach (C16)	68	37	31	2.7	3.0	2.5
Malignant neoplasms of colon, rectum and anus (C18-C21)	155	79	76	6.2	6.3	6.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	65	50	15	2.6	4.0	1.2
Malignant neoplasm of pancreas (C25)	74	43	31	2.9	3.4	2.5
Malignant neoplasm of larynx (C32)	20	17	3	0.8	1.4	0.2
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	514	245	269	20.4	19.6	21.3
Malignant melanoma of skin (C43)	57	40	17	2.3	3.2	1.3
Malignant neoplasm of breast (C50)	309	4	305	12.3	0.3	24.1
Malignant neoplasm of cervix uteri (C53)	...	...	46	...	...	3.6
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	22	...	...	1.7
Malignant neoplasm of ovary (C56)	...	...	70	...	...	5.5
Malignant neoplasm of prostate (C61)	...	11	...	...	0.9	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	48	38	10	1.9	3.0	0.8
Malignant neoplasm of bladder (C67)	29	19	10	1.2	1.5	0.8
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	112	70	42	4.4	5.6	3.3
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	167	99	68	6.6	7.9	5.4
Hodgkin's disease (C81)	2	2	0	0.1	0.2	0.0
Non-Hodgkin's lymphoma (C82-C85)	83	53	30	3.3	4.2	2.4
Leukaemia (C91-C95)	63	31	32	2.5	2.5	2.5
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	19	13	6	0.8	1.0	0.5
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	232	114	118	9.2	9.1	9.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	28	13	15	1.1	1.0	1.2
Anaemias (D50-D64)	4	2	2	0.2	0.2	0.2
Diabetes mellitus (E10-E14)	122	86	36	4.8	6.9	2.8
Nutritional deficiencies (E40-E64)	3	1	2	0.1	0.1	0.2
Malnutrition (E40-E46)	3	1	2	0.1	0.1	0.2
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	4	2	2	0.2	0.2	0.2
Parkinson's disease (G20-G21)	2	2	0	0.1	0.2	0.0
Alzheimer's disease (G30)	2	2	0	0.1	0.2	0.0
Major cardiovascular diseases (I00-I78)	1,068	810	258	42.4	64.7	20.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	878	705	173	34.9	56.3	13.7
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	11	4	7	0.4	0.3	0.6
Hypertensive heart disease (I11)	11	10	1	0.4	0.8	0.1

See footnotes at the end of the table.

Table 2-11 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 45 to 49 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	2	2	0	0.1	0.2	0.0
Ischaemic heart diseases (I20-I25)	673	563	110	26.7	44.9	8.7
Acute myocardial infarction (I21-I22)	370	315	55	14.7	25.1	4.3
Other acute ischaemic heart diseases (I24)	15	12	3	0.6	1.0	0.2
Other forms of chronic ischaemic heart disease (I20, I25)	288	236	52	11.4	18.8	4.1
Atherosclerotic cardiovascular disease, so described (I25.0)	30	26	4	1.2	2.1	0.3
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	258	210	48	10.2	16.8	3.8
Other heart diseases (I26-I51)	181	126	55	7.2	10.1	4.3
Acute and subacute endocarditis (I33)	5	3	2	0.2	0.2	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	3	3	0	0.1	0.2	0.0
Heart failure (I50)	9	7	2	0.4	0.6	0.2
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	164	113	51	6.5	9.0	4.0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	11	9	2	0.4	0.7	0.2
Cerebrovascular diseases (I60-I69)	135	69	66	5.4	5.5	5.2
Atherosclerosis (I70)	11	7	4	0.4	0.6	0.3
Other diseases of circulatory system (I71-I78)	33	20	13	1.3	1.6	1.0
Aortic aneurysm and dissection (I71)	18	14	4	0.7	1.1	0.3
Other diseases of arteries, arterioles and capillaries (I72-I78)	15	6	9	0.6	0.5	0.7
Other disorders of circulatory system (I80-I99)	19	9	10	0.8	0.7	0.8
Influenza and pneumonia (J10-J18)	36	24	12	1.4	1.9	0.9
Influenza (J10-J11)	1	1	0	0.0	0.1	0.0
Pneumonia (J12-J18)	35	23	12	1.4	1.8	0.9
Other acute lower respiratory infections (J20-J22)	1	1	0	0.0	0.1	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	1	1	0	0.0	0.1	0.0
Chronic lower respiratory diseases (J40-J47)	53	33	20	2.1	2.6	1.6
Bronchitis, chronic and unspecified (J40-J42)	1	1	0	0.0	0.1	0.0
Emphysema (J43)	4	4	0	0.2	0.3	0.0
Asthma (J45-J46)	18	10	8	0.7	0.8	0.6
Other chronic lower respiratory diseases (J44, J47)	30	18	12	1.2	1.4	0.9
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	10	8	2	0.4	0.6	0.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	31	14	17	1.2	1.1	1.3
Peptic ulcer (K25-K28)	11	10	1	0.4	0.8	0.1
Diseases of appendix (K35-K38)	1	1	0	0.0	0.1	0.0
Hernia (K40-K46)	1	0	1	0.0	0.0	0.1
Chronic liver disease and cirrhosis (K70, K73-K74)	188	128	60	7.5	10.2	4.7
Alcoholic liver disease (K70)	128	89	39	5.1	7.1	3.1
Other chronic liver disease and cirrhosis (K73-K74)	60	39	21	2.4	3.1	1.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	3	2	1	0.1	0.2	0.1
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	23	18	5	0.9	1.4	0.4
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	0	1	0.0	0.0	0.1
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	2	2	0	0.1	0.2	0.0
Renal failure (N17-N19)	20	16	4	0.8	1.3	0.3
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	1	...	...	0.1
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	1	...	...	0.1
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	39	22	17	1.5	1.8	1.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	182	130	52	7.2	10.4	4.1
All other diseases (residual) ¹¹	512	323	189	20.3	25.8	14.9
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	518	379	139	20.6	30.3	11.0
Transport accidents (V01-V99, Y85)	239	179	60	9.5	14.3	4.7
Motor vehicle accidents ¹²	214	156	58	8.5	12.5	4.6
Other land transport accidents ¹³	6	5	1	0.2	0.4	0.1

See footnotes at the end of the table.

Table 2-11 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 45 to 49 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	19	18	1	0.8	1.4	0.1
Nontransport accidents (W00-X59, Y86)	279	200	79	11.1	16.0	6.2
Falls (W00-W19)	49	40	9	1.9	3.2	0.7
Accidental discharge of firearms (W32-W34)	3	3	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	18	15	3	0.7	1.2	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	18	9	9	0.7	0.7	0.7
Accidental poisoning and exposure to noxious substances (X40-X49)	123	79	44	4.9	6.3	3.5
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	68	54	14	2.7	4.3	1.1
Intentional self-harm (suicide) (X60-X84, Y87.0)	454	331	123	18.0	26.4	9.7
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	71	65	6	2.8	5.2	0.5
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	383	266	117	15.2	21.2	9.2
Assault (homicide) (X85-Y09, Y87.1)	23	19	4	0.9	1.5	0.3
Assault (homicide) by discharge of firearms (X93-X95)	8	8	0	0.3	0.6	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	15	11	4	0.6	0.9	0.3
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	93	69	24	3.7	5.5	1.9
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	0	0.0	0.1	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	92	68	24	3.7	5.4	1.9
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	5	5	0	0.2	0.4	0.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section.*

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551).*

Table 2-12

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 50 to 54 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	7,865	4,770	3,095	361.0	441.8	281.7
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	2	2	0	0.1	0.2	0.0
Tuberculosis (A16-A19)	1	1	0	0.0	0.1	0.0
Respiratory tuberculosis (A16)	1	1	0	0.0	0.1	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	2	0	2	0.1	0.0	0.2
Septicaemia (A40-A41)	39	18	21	1.8	1.7	1.9
Syphilis (A50-A53)	1	1	0	0.0	0.1	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	84	70	14	3.9	6.5	1.3
Human immunodeficiency virus [HIV] disease (B20-B24)	60	56	4	2.8	5.2	0.4
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	15	8	7	0.7	0.7	0.6
Malignant neoplasms (C00-C97)	3,408	1,650	1,758	156.4	152.8	160.0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	92	73	19	4.2	6.8	1.7
Malignant neoplasm of oesophagus (C15)	70	60	10	3.2	5.6	0.9
Malignant neoplasm of stomach (C16)	98	69	29	4.5	6.4	2.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	317	183	134	14.6	17.0	12.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	93	71	22	4.3	6.6	2.0
Malignant neoplasm of pancreas (C25)	185	109	76	8.5	10.1	6.9
Malignant neoplasm of larynx (C32)	27	25	2	1.2	2.3	0.2
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	889	457	432	40.8	42.3	39.3
Malignant melanoma of skin (C43)	66	37	29	3.0	3.4	2.6
Malignant neoplasm of breast (C50)	449	1	448	20.6	0.1	40.8
Malignant neoplasm of cervix uteri (C53)	...	...	48	...	...	4.4
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	25	...	...	2.3
Malignant neoplasm of ovary (C56)	...	...	112	...	...	10.2
Malignant neoplasm of prostate (C61)	...	30	...	...	2.8	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	99	61	38	4.5	5.7	3.5
Malignant neoplasm of bladder (C67)	34	25	9	1.6	2.3	0.8
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	126	76	50	5.8	7.0	4.6
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	272	172	100	12.5	15.9	9.1
Hodgkin's disease (C81)	8	5	3	0.4	0.5	0.3
Non-Hodgkin's lymphoma (C82-C85)	141	91	50	6.5	8.4	4.6
Leukaemia (C91-C95)	85	55	30	3.9	5.1	2.7
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	38	21	17	1.7	1.9	1.5
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	376	201	175	17.3	18.6	15.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	36	23	13	1.7	2.1	1.2
Anaemias (D50-D64)	6	2	4	0.3	0.2	0.4
Diabetes mellitus (E10-E14)	191	124	67	8.8	11.5	6.1
Nutritional deficiencies (E40-E64)	4	4	0	0.2	0.4	0.0
Malnutrition (E40-E46)	4	4	0	0.2	0.4	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	2	1	1	0.1	0.1	0.1
Parkinson's disease (G20-G21)	5	2	3	0.2	0.2	0.3
Alzheimer's disease (G30)	5	3	2	0.2	0.3	0.2
Major cardiovascular diseases (I00-I78)	1,669	1,264	405	76.6	117.1	36.9
Diseases of heart (I00-I09, I11, I13, I20-I51)	1,343	1,073	270	61.7	99.4	24.6
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	16	7	9	0.7	0.6	0.8
Hypertensive heart disease (I11)	20	17	3	0.9	1.6	0.3

See footnotes at the end of the table.

Table 2-12 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 50 to 54 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	1	0	1	0.0	0.0	0.1
Ischaemic heart diseases (I20-I25)	1,103	909	194	50.6	84.2	17.7
Acute myocardial infarction (I21-I22)	597	491	106	27.4	45.5	9.6
Other acute ischaemic heart diseases (I24)	20	15	5	0.9	1.4	0.5
Other forms of chronic ischaemic heart disease (I20, I25)	486	403	83	22.3	37.3	7.6
Atherosclerotic cardiovascular disease, so described (I25.0)	40	34	6	1.8	3.1	0.5
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	446	369	77	20.5	34.2	7.0
Other heart diseases (I26-I51)	203	140	63	9.3	13.0	5.7
Acute and subacute endocarditis (I33)	8	7	1	0.4	0.6	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	6	4	2	0.3	0.4	0.2
Heart failure (I50)	28	16	12	1.3	1.5	1.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	161	113	48	7.4	10.5	4.4
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	14	7	7	0.6	0.6	0.6
Cerebrovascular diseases (I60-I69)	237	128	109	10.9	11.9	9.9
Atherosclerosis (I70)	23	21	2	1.1	1.9	0.2
Other diseases of circulatory system (I71-I78)	52	35	17	2.4	3.2	1.5
Aortic aneurysm and dissection (I71)	34	24	10	1.6	2.2	0.9
Other diseases of arteries, arterioles and capillaries (I72-I78)	18	11	7	0.8	1.0	0.6
Other disorders of circulatory system (I80-I99)	17	10	7	0.8	0.9	0.6
Influenza and pneumonia (J10-J18)	63	36	27	2.9	3.3	2.5
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	63	36	27	2.9	3.3	2.5
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	84	41	43	3.9	3.8	3.9
Bronchitis, chronic and unspecified (J40-J42)	4	2	2	0.2	0.2	0.2
Emphysema (J43)	10	5	5	0.5	0.5	0.5
Asthma (J45-J46)	13	4	9	0.6	0.4	0.8
Other chronic lower respiratory diseases (J44, J47)	57	30	27	2.6	2.8	2.5
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	21	13	8	1.0	1.2	0.7
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	59	33	26	2.7	3.1	2.4
Peptic ulcer (K25-K28)	16	12	4	0.7	1.1	0.4
Diseases of appendix (K35-K38)	1	1	0	0.0	0.1	0.0
Hernia (K40-K46)	3	2	1	0.1	0.2	0.1
Chronic liver disease and cirrhosis (K70, K73-K74)	257	188	69	11.8	17.4	6.3
Alcoholic liver disease (K70)	171	132	39	7.8	12.2	3.5
Other chronic liver disease and cirrhosis (K73-K74)	86	56	30	3.9	5.2	2.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	6	3	3	0.3	0.3	0.3
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	49	32	17	2.2	3.0	1.5
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	1	1	0	0.0	0.1	0.0
Renal failure (N17-N19)	48	31	17	2.2	2.9	1.5
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	2	0	2	0.1	0.0	0.2
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	51	24	27	2.3	2.2	2.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	138	102	36	6.3	9.4	3.3
All other diseases (residual) ¹¹	608	363	245	27.9	33.6	22.3
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	451	334	117	20.7	30.9	10.6
Transport accidents (V01-V99, Y85)	206	145	61	9.5	13.4	5.6
Motor vehicle accidents ¹²	176	118	58	8.1	10.9	5.3
Other land transport accidents ¹³	10	9	1	0.5	0.8	0.1

See footnotes at the end of the table.

Table 2-12 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 50 to 54 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	20	18	2	0.9	1.7	0.2
Nontransport accidents (W00-X59, Y86)	245	189	56	11.2	17.5	5.1
Falls (W00-W19)	53	39	14	2.4	3.6	1.3
Accidental discharge of firearms (W32-W34)	2	2	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	15	10	5	0.7	0.9	0.5
Accidental exposure to smoke, fire and flames (X00-X09)	11	9	2	0.5	0.8	0.2
Accidental poisoning and exposure to noxious substances (X40-X49)	92	65	27	4.2	6.0	2.5
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	72	64	8	3.3	5.9	0.7
Intentional self-harm (suicide) (X60-X84, Y87.0)	404	286	118	18.5	26.5	10.7
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	79	74	5	3.6	6.9	0.5
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	325	212	113	14.9	19.6	10.3
Assault (homicide) (X85-Y09, Y87.1)	29	16	13	1.3	1.5	1.2
Assault (homicide) by discharge of firearms (X93-X95)	6	3	3	0.3	0.3	0.3
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	23	13	10	1.1	1.2	0.9
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	69	42	27	3.2	3.9	2.5
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	0	0.0	0.1	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	68	41	27	3.1	3.8	2.5
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	6	3	3	0.3	0.3	0.3

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551)*.

Table 2-13

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 55 to 59 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	10,189	6,269	3,920	552.9	686.0	422.0
Salmonella infections (A01-A02)	1	0	1	0.1	0.0	0.1
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	9	7	2	0.5	0.8	0.2
Tuberculosis (A16-A19)	5	4	1	0.3	0.4	0.1
Respiratory tuberculosis (A16)	3	3	0	0.2	0.3	0.0
Other tuberculosis (A17-A19)	2	1	1	0.1	0.1	0.1
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	1	1	0	0.1	0.1	0.0
Septicaemia (A40-A41)	56	29	27	3.0	3.2	2.9
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	40	29	11	2.2	3.2	1.2
Human immunodeficiency virus [HIV] disease (B20-B24)	36	36	0	2.0	3.9	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	17	10	7	0.9	1.1	0.8
Malignant neoplasms (C00-C97)	4,725	2,479	2,246	256.4	271.3	241.8
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	110	86	24	6.0	9.4	2.6
Malignant neoplasm of oesophagus (C15)	141	119	22	7.7	13.0	2.4
Malignant neoplasm of stomach (C16)	113	78	35	6.1	8.5	3.8
Malignant neoplasms of colon, rectum and anus (C18-C21)	456	262	194	24.7	28.7	20.9
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	108	75	33	5.9	8.2	3.6
Malignant neoplasm of pancreas (C25)	269	154	115	14.6	16.9	12.4
Malignant neoplasm of larynx (C32)	50	42	8	2.7	4.6	0.9
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,371	802	569	74.4	87.8	61.3
Malignant melanoma of skin (C43)	65	42	23	3.5	4.6	2.5
Malignant neoplasm of breast (C50)	463	5	458	25.1	0.5	49.3
Malignant neoplasm of cervix uteri (C53)	...	...	38	...	...	4.1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	70	...	...	7.5
Malignant neoplasm of ovary (C56)	...	...	164	...	...	17.7
Malignant neoplasm of prostate (C61)	...	75	...	...	8.2	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	114	77	37	6.2	8.4	4.0
Malignant neoplasm of bladder (C67)	56	44	12	3.0	4.8	1.3
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	164	102	62	8.9	11.2	6.7
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	367	223	144	19.9	24.4	15.5
Hodgkin's disease (C81)	4	2	2	0.2	0.2	0.2
Non-Hodgkin's lymphoma (C82-C85)	191	111	80	10.4	12.1	8.6
Leukaemia (C91-C95)	115	72	43	6.2	7.9	4.6
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	57	38	19	3.1	4.2	2.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	531	293	238	28.8	32.1	25.6
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	64	39	25	3.5	4.3	2.7
Anaemias (D50-D64)	9	6	3	0.5	0.7	0.3
Diabetes mellitus (E10-E14)	357	252	105	19.4	27.6	11.3
Nutritional deficiencies (E40-E64)	5	2	3	0.3	0.2	0.3
Malnutrition (E40-E46)	5	2	3	0.3	0.2	0.3
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	0	0	0	0.0	0.0	0.0
Parkinson's disease (G20-G21)	13	8	5	0.7	0.9	0.5
Alzheimer's disease (G30)	14	6	8	0.8	0.7	0.9
Major cardiovascular diseases (I00-I78)	2,442	1,832	610	132.5	200.5	65.7
Diseases of heart (I00-I09, I11, I13, I20-I51)	2,009	1,562	447	109.0	170.9	48.1
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	19	7	12	1.0	0.8	1.3
Hypertensive heart disease (I11)	14	11	3	0.8	1.2	0.3

See footnotes at the end of the table.

Table 2-13 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 55 to 59 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	3	2	1	0.2	0.2	0.1
Ischaemic heart diseases (I20-I25)	1,652	1,324	328	89.7	144.9	35.3
Acute myocardial infarction (I21-I22)	885	702	183	48.0	76.8	19.7
Other acute ischaemic heart diseases (I24)	30	25	5	1.6	2.7	0.5
Other forms of chronic ischaemic heart disease (I20, I25)	737	597	140	40.0	65.3	15.1
Atherosclerotic cardiovascular disease, so described (I25.0)	96	80	16	5.2	8.8	1.7
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	641	517	124	34.8	56.6	13.4
Other heart diseases (I26-I51)	321	218	103	17.4	23.9	11.1
Acute and subacute endocarditis (I33)	9	6	3	0.5	0.7	0.3
Diseases of pericardium and acute myocarditis (I30-I31, I40)	6	4	2	0.3	0.4	0.2
Heart failure (I50)	44	35	9	2.4	3.8	1.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	262	173	89	14.2	18.9	9.6
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	17	13	4	0.9	1.4	0.4
Cerebrovascular diseases (I60-I69)	293	163	130	15.9	17.8	14.0
Atherosclerosis (I70)	35	30	5	1.9	3.3	0.5
Other diseases of circulatory system (I71-I78)	88	64	24	4.8	7.0	2.6
Aortic aneurysm and dissection (I71)	56	47	9	3.0	5.1	1.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	32	17	15	1.7	1.9	1.6
Other disorders of circulatory system (I80-I99)	21	12	9	1.1	1.3	1.0
Influenza and pneumonia (J10-J18)	88	51	37	4.8	5.6	4.0
Influenza (J10-J11)	4	1	3	0.2	0.1	0.3
Pneumonia (J12-J18)	84	50	34	4.6	5.5	3.7
Other acute lower respiratory infections (J20-J22)	1	0	1	0.1	0.0	0.1
Acute bronchitis and bronchiolitis (J20-J21)	1	0	1	0.1	0.0	0.1
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	194	95	99	10.5	10.4	10.7
Bronchitis, chronic and unspecified (J40-J42)	4	1	3	0.2	0.1	0.3
Emphysema (J43)	35	18	17	1.9	2.0	1.8
Asthma (J45-J46)	10	2	8	0.5	0.2	0.9
Other chronic lower respiratory diseases (J44, J47)	145	74	71	7.9	8.1	7.6
Pneumoconioses and chemical effects (J60-J66, J68)	1	1	0	0.1	0.1	0.0
Pneumonitis due to solids and liquids (J69)	21	14	7	1.1	1.5	0.8
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	81	53	28	4.4	5.8	3.0
Peptic ulcer (K25-K28)	12	8	4	0.7	0.9	0.4
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	6	4	2	0.3	0.4	0.2
Chronic liver disease and cirrhosis (K70, K73-K74)	280	204	76	15.2	22.3	8.2
Alcoholic liver disease (K70)	166	124	42	9.0	13.6	4.5
Other chronic liver disease and cirrhosis (K73-K74)	114	80	34	6.2	8.8	3.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	3	1	2	0.2	0.1	0.2
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	83	51	32	4.5	5.6	3.4
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	1	1	0	0.1	0.1	0.0
Renal failure (N17-N19)	82	50	32	4.5	5.5	3.4
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	2	1	1	0.1	0.1	0.1
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	47	25	22	2.6	2.7	2.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	174	118	56	9.4	12.9	6.0
All other diseases (residual) ¹¹	686	379	307	37.2	41.5	33.1
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	339	245	94	18.4	26.8	10.1
Transport accidents (V01-V99, Y85)	146	100	46	7.9	10.9	5.0
Motor vehicle accidents ¹²	130	88	42	7.1	9.6	4.5
Other land transport accidents ¹³	2	1	1	0.1	0.1	0.1

See footnotes at the end of the table.

Table 2-13 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 55 to 59 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	14	11	3	0.8	1.2	0.3
Nontransport accidents (W00-X59, Y86)	193	145	48	10.5	15.9	5.2
Falls (W00-W19)	50	39	11	2.7	4.3	1.2
Accidental discharge of firearms (W32-W34)	3	3	0	0.2	0.3	0.0
Accidental drowning and submersion (W65-W74)	15	12	3	0.8	1.3	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	9	5	4	0.5	0.5	0.4
Accidental poisoning and exposure to noxious substances (X40-X49)	49	34	15	2.7	3.7	1.6
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	67	52	15	3.6	5.7	1.6
Intentional self-harm (suicide) (X60-X84, Y87.0)	292	231	61	15.8	25.3	6.6
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	61	60	1	3.3	6.6	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	231	171	60	12.5	18.7	6.5
Assault (homicide) (X85-Y09, Y87.1)	15	10	5	0.8	1.1	0.5
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	15	10	5	0.8	1.1	0.5
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	41	22	19	2.2	2.4	2.0
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	0	0.1	0.1	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	40	21	19	2.2	2.3	2.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	8	4	4	0.4	0.4	0.4

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section.*

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551).*

Table 2-14

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 60 to 64 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	12,911	7,852	5,059	924.3	1,146.8	710.4
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	16	9	7	1.1	1.3	1.0
Tuberculosis (A16-A19)	3	3	0	0.2	0.4	0.0
Respiratory tuberculosis (A16)	2	2	0	0.1	0.3	0.0
Other tuberculosis (A17-A19)	1	1	0	0.1	0.1	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	76	47	29	5.4	6.9	4.1
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	40	28	12	2.9	4.1	1.7
Human immunodeficiency virus [HIV] disease (B20-B24)	15	14	1	1.1	2.0	0.1
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	30	20	10	2.1	2.9	1.4
Malignant neoplasms (C00-C97)	6,249	3,408	2,841	447.4	497.7	398.9
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	140	104	36	10.0	15.2	5.1
Malignant neoplasm of oesophagus (C15)	159	133	26	11.4	19.4	3.7
Malignant neoplasm of stomach (C16)	171	119	52	12.2	17.4	7.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	606	381	225	43.4	55.6	31.6
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	142	98	44	10.2	14.3	6.2
Malignant neoplasm of pancreas (C25)	333	205	128	23.8	29.9	18.0
Malignant neoplasm of larynx (C32)	55	44	11	3.9	6.4	1.5
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,999	1,169	830	143.1	170.7	116.6
Malignant melanoma of skin (C43)	81	54	27	5.8	7.9	3.8
Malignant neoplasm of breast (C50)	535	3	532	38.3	0.4	74.7
Malignant neoplasm of cervix uteri (C53)	...	...	21	...	...	2.9
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	77	...	...	10.8
Malignant neoplasm of ovary (C56)	...	...	150	...	...	21.1
Malignant neoplasm of prostate (C61)	...	169	...	...	24.7	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	147	102	45	10.5	14.9	6.3
Malignant neoplasm of bladder (C67)	97	74	23	6.9	10.8	3.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	174	94	80	12.5	13.7	11.2
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	498	288	210	35.7	42.1	29.5
Hodgkin's disease (C81)	3	2	1	0.2	0.3	0.1
Non-Hodgkin's lymphoma (C82-C85)	194	110	84	13.9	16.1	11.8
Leukaemia (C91-C95)	171	100	71	12.2	14.6	10.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	130	76	54	9.3	11.1	7.6
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	695	371	324	49.8	54.2	45.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	69	37	32	4.9	5.4	4.5
Anaemias (D50-D64)	9	3	6	0.6	0.4	0.8
Diabetes mellitus (E10-E14)	501	328	173	35.9	47.9	24.3
Nutritional deficiencies (E40-E64)	8	2	6	0.6	0.3	0.8
Malnutrition (E40-E46)	7	1	6	0.5	0.1	0.8
Other nutritional deficiencies (E50-E64)	1	1	0	0.1	0.1	0.0
Meningitis (G00, G03)	6	1	5	0.4	0.1	0.7
Parkinson's disease (G20-G21)	23	18	5	1.6	2.6	0.7
Alzheimer's disease (G30)	39	19	20	2.8	2.8	2.8
Major cardiovascular diseases (I00-I78)	3,155	2,235	920	225.9	326.4	129.2
Diseases of heart (I00-I09, I11, I13, I20-I51)	2,512	1,857	655	179.8	271.2	92.0
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	34	19	15	2.4	2.8	2.1
Hypertensive heart disease (I11)	20	13	7	1.4	1.9	1.0

See footnotes at the end of the table.

Table 2-14 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 60 to 64 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	3	2	1	0.2	0.3	0.1
Ischaemic heart diseases (I20-I25)	2,080	1,601	479	148.9	233.8	67.3
Acute myocardial infarction (I21-I22)	1,071	819	252	76.7	119.6	35.4
Other acute ischaemic heart diseases (I24)	31	23	8	2.2	3.4	1.1
Other forms of chronic ischaemic heart disease (I20, I25)	978	759	219	70.0	110.8	30.8
Atherosclerotic cardiovascular disease, so described (I25.0)	114	90	24	8.2	13.1	3.4
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	864	669	195	61.9	97.7	27.4
Other heart diseases (I26-I51)	375	222	153	26.8	32.4	21.5
Acute and subacute endocarditis (I33)	5	2	3	0.4	0.3	0.4
Diseases of pericardium and acute myocarditis (I30-I31, I40)	11	3	8	0.8	0.4	1.1
Heart failure (I50)	64	38	26	4.6	5.5	3.7
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	295	179	116	21.1	26.1	16.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	36	20	16	2.6	2.9	2.2
Cerebrovascular diseases (I60-I69)	450	241	209	32.2	35.2	29.3
Atherosclerosis (I70)	38	34	4	2.7	5.0	0.6
Other diseases of circulatory system (I71-I78)	119	83	36	8.5	12.1	5.1
Aortic aneurysm and dissection (I71)	73	61	12	5.2	8.9	1.7
Other diseases of arteries, arterioles and capillaries (I72-I78)	46	22	24	3.3	3.2	3.4
Other disorders of circulatory system (I80-I99)	28	17	11	2.0	2.5	1.5
Influenza and pneumonia (J10-J18)	79	45	34	5.7	6.6	4.8
Influenza (J10-J11)	2	1	1	0.1	0.1	0.1
Pneumonia (J12-J18)	77	44	33	5.5	6.4	4.6
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	379	199	180	27.1	29.1	25.3
Bronchitis, chronic and unspecified (J40-J42)	7	3	4	0.5	0.4	0.6
Emphysema (J43)	45	28	17	3.2	4.1	2.4
Asthma (J45-J46)	11	3	8	0.8	0.4	1.1
Other chronic lower respiratory diseases (J44, J47)	316	165	151	22.6	24.1	21.2
Pneumoconioses and chemical effects (J60-J66, J68)	9	9	0	0.6	1.3	0.0
Pneumonitis due to solids and liquids (J69)	37	26	11	2.6	3.8	1.5
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	113	77	36	8.1	11.2	5.1
Peptic ulcer (K25-K28)	20	15	5	1.4	2.2	0.7
Diseases of appendix (K35-K38)	3	3	0	0.2	0.4	0.0
Hernia (K40-K46)	3	0	3	0.2	0.0	0.4
Chronic liver disease and cirrhosis (K70, K73-K74)	305	222	83	21.8	32.4	11.7
Alcoholic liver disease (K70)	174	131	43	12.5	19.1	6.0
Other chronic liver disease and cirrhosis (K73-K74)	131	91	40	9.4	13.3	5.6
Cholelithiasis and other disorders of gallbladder (K80-K82)	19	15	4	1.4	2.2	0.6
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	98	66	32	7.0	9.6	4.5
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	3	1	2	0.2	0.1	0.3
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	3	1	2	0.2	0.1	0.3
Renal failure (N17-N19)	91	64	27	6.5	9.3	3.8
Other disorders of kidney (N25, N27)	1	0	1	0.1	0.0	0.1
Infections of kidney (N10-N12, N13.6, N15.1)	2	2	0	0.1	0.3	0.0
Hyperplasia of prostate (N40)	...	1	...	...	0.1	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	39	17	22	2.8	2.5	3.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	135	90	45	9.7	13.1	6.3
All other diseases (residual) ¹¹	831	454	377	59.5	66.3	52.9
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	325	232	93	23.3	33.9	13.1
Transport accidents (V01-V99, Y85)	125	86	39	8.9	12.6	5.5
Motor vehicle accidents ¹²	112	78	34	8.0	11.4	4.8
Other land transport accidents ¹³	1	1	0	0.1	0.1	0.0

See footnotes at the end of the table.

Table 2-14 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 60 to 64 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	12	7	5	0.9	1.0	0.7
Nontransport accidents (W00-X59, Y86)	200	146	54	14.3	21.3	7.6
Falls (W00-W19)	70	53	17	5.0	7.7	2.4
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	8	6	2	0.6	0.9	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	11	8	3	0.8	1.2	0.4
Accidental poisoning and exposure to noxious substances (X40-X49)	38	24	14	2.7	3.5	2.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	73	55	18	5.2	8.0	2.5
Intentional self-harm (suicide) (X60-X84, Y87.0)	187	154	33	13.4	22.5	4.6
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	50	50	0	3.6	7.3	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	137	104	33	9.8	15.2	4.6
Assault (homicide) (X85-Y09, Y87.1)	18	15	3	1.3	2.2	0.4
Assault (homicide) by discharge of firearms (X93-X95)	4	4	0	0.3	0.6	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	14	11	3	1.0	1.6	0.4
Legal intervention (Y35, Y89.0)	1	1	0	0.1	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	30	17	13	2.1	2.5	1.8
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	30	17	13	2.1	2.5	1.8
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	10	3	7	0.7	0.4	1.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section*.

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551)*.

Table 2-15

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 65 to 69 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	16,622	10,042	6,580	1,446.1	1,815.0	1,103.7
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	31	16	15	2.7	2.9	2.5
Tuberculosis (A16-A19)	9	5	4	0.8	0.9	0.7
Respiratory tuberculosis (A16)	7	4	3	0.6	0.7	0.5
Other tuberculosis (A17-A19)	2	1	1	0.2	0.2	0.2
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	103	56	47	9.0	10.1	7.9
Syphilis (A50-A53)	1	1	0	0.1	0.2	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	27	16	11	2.3	2.9	1.8
Human immunodeficiency virus [HIV] disease (B20-B24)	11	10	1	1.0	1.8	0.2
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	42	23	19	3.7	4.2	3.2
Malignant neoplasms (C00-C97)	7,533	4,282	3,251	655.3	773.9	545.3
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	119	89	30	10.4	16.1	5.0
Malignant neoplasm of oesophagus (C15)	172	127	45	15.0	23.0	7.5
Malignant neoplasm of stomach (C16)	214	150	64	18.6	27.1	10.7
Malignant neoplasms of colon, rectum and anus (C18-C21)	787	484	303	68.5	87.5	50.8
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	190	138	52	16.5	24.9	8.7
Malignant neoplasm of pancreas (C25)	403	222	181	35.1	40.1	30.4
Malignant neoplasm of larynx (C32)	65	53	12	5.7	9.6	2.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2,419	1,445	974	210.4	261.2	163.4
Malignant melanoma of skin (C43)	73	42	31	6.4	7.6	5.2
Malignant neoplasm of breast (C50)	468	2	466	40.7	0.4	78.2
Malignant neoplasm of cervix uteri (C53)	...	...	29	...	...	4.9
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	86	...	...	14.4
Malignant neoplasm of ovary (C56)	...	...	174	...	...	29.2
Malignant neoplasm of prostate (C61)	...	311	...	...	56.2	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	167	122	45	14.5	22.1	7.5
Malignant neoplasm of bladder (C67)	162	117	45	14.1	21.1	7.5
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	208	126	82	18.1	22.8	13.8
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	610	370	240	53.1	66.9	40.3
Hodgkin's disease (C81)	10	7	3	0.9	1.3	0.5
Non-Hodgkin's lymphoma (C82-C85)	256	152	104	22.3	27.5	17.4
Leukaemia (C91-C95)	207	130	77	18.0	23.5	12.9
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	137	81	56	11.9	14.6	9.4
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	876	484	392	76.2	87.5	65.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	103	69	34	9.0	12.5	5.7
Anaemias (D50-D64)	18	9	9	1.6	1.6	1.5
Diabetes mellitus (E10-E14)	631	385	246	54.9	69.6	41.3
Nutritional deficiencies (E40-E64)	6	3	3	0.5	0.5	0.5
Malnutrition (E40-E46)	6	3	3	0.5	0.5	0.5
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	2	2	0	0.2	0.4	0.0
Parkinson's disease (G20-G21)	74	45	29	6.4	8.1	4.9
Alzheimer's disease (G30)	84	39	45	7.3	7.0	7.5
Major cardiovascular diseases (I00-I78)	4,499	3,042	1,457	391.4	549.8	244.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	3,425	2,401	1,024	298.0	434.0	171.8
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	45	19	26	3.9	3.4	4.4
Hypertensive heart disease (I11)	29	22	7	2.5	4.0	1.2

See footnotes at the end of the table.

Table 2-15 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 65 to 69 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	6	2	4	0.5	0.4	0.7
Ischaemic heart diseases (I20-I25)	2,783	2,017	766	242.1	364.6	128.5
Acute myocardial infarction (I21-I22)	1,411	1,029	382	122.8	186.0	64.1
Other acute ischaemic heart diseases (I24)	53	36	17	4.6	6.5	2.9
Other forms of chronic ischaemic heart disease (I20, I25)	1,319	952	367	114.7	172.1	61.6
Atherosclerotic cardiovascular disease, so described (I25.0)	160	111	49	13.9	20.1	8.2
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1,159	841	318	100.8	152.0	53.3
Other heart diseases (I26-I51)	562	341	221	48.9	61.6	37.1
Acute and subacute endocarditis (I33)	10	7	3	0.9	1.3	0.5
Diseases of pericardium and acute myocarditis (I30-I31, I40)	13	7	6	1.1	1.3	1.0
Heart failure (I50)	122	82	40	10.6	14.8	6.7
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	417	245	172	36.3	44.3	28.8
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	55	38	17	4.8	6.9	2.9
Cerebrovascular diseases (I60-I69)	686	377	309	59.7	68.1	51.8
Atherosclerosis (I70)	57	36	21	5.0	6.5	3.5
Other diseases of circulatory system (I71-I78)	276	190	86	24.0	34.3	14.4
Aortic aneurysm and dissection (I71)	194	138	56	16.9	24.9	9.4
Other diseases of arteries, arterioles and capillaries (I72-I78)	82	52	30	7.1	9.4	5.0
Other disorders of circulatory system (I80-I99)	28	14	14	2.4	2.5	2.3
Influenza and pneumonia (J10-J18)	144	78	66	12.5	14.1	11.1
Influenza (J10-J11)	7	2	5	0.6	0.4	0.8
Pneumonia (J12-J18)	137	76	61	11.9	13.7	10.2
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	676	363	313	58.8	65.6	52.5
Bronchitis, chronic and unspecified (J40-J42)	3	1	2	0.3	0.2	0.3
Emphysema (J43)	60	39	21	5.2	7.0	3.5
Asthma (J45-J46)	13	5	8	1.1	0.9	1.3
Other chronic lower respiratory diseases (J44, J47)	600	318	282	52.2	57.5	47.3
Pneumoconioses and chemical effects (J60-J66, J68)	4	4	0	0.3	0.7	0.0
Pneumonitis due to solids and liquids (J69)	42	23	19	3.7	4.2	3.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	168	95	73	14.6	17.2	12.2
Peptic ulcer (K25-K28)	26	12	14	2.3	2.2	2.3
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	15	10	5	1.3	1.8	0.8
Chronic liver disease and cirrhosis (K70, K73-K74)	309	212	97	26.9	38.3	16.3
Alcoholic liver disease (K70)	156	116	40	13.6	21.0	6.7
Other chronic liver disease and cirrhosis (K73-K74)	153	96	57	13.3	17.4	9.6
Cholelithiasis and other disorders of gallbladder (K80-K82)	13	7	6	1.1	1.3	1.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	158	88	70	13.7	15.9	11.7
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	1	0	1	0.1	0.0	0.2
Renal failure (N17-N19)	156	88	68	13.6	15.9	11.4
Other disorders of kidney (N25, N27)	1	0	1	0.1	0.0	0.2
Infections of kidney (N10-N12, N13.6, N15.1)	4	3	1	0.3	0.5	0.2
Hyperplasia of prostate (N40)	...	1	...	...	0.2	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	2	...	...	0.3
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	29	13	16	2.5	2.3	2.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	152	105	47	13.2	19.0	7.9
All other diseases (residual) ¹¹	1,133	643	490	98.6	116.2	82.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	356	236	120	31.0	42.7	20.1
Transport accidents (V01-V99, Y85)	122	69	53	10.6	12.5	8.9
Motor vehicle accidents ¹²	105	55	50	9.1	9.9	8.4
Other land transport accidents ¹³	1	1	0	0.1	0.2	0.0

See footnotes at the end of the table.

Table 2-15 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 65 to 69 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	16	13	3	1.4	2.3	0.5
Nontransport accidents (W00-X59, Y86)	234	167	67	20.4	30.2	11.2
Falls (W00-W19)	89	67	22	7.7	12.1	3.7
Accidental discharge of firearms (W32-W34)	1	1	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	16	12	4	1.4	2.2	0.7
Accidental exposure to smoke, fire and flames (X00-X09)	19	13	6	1.7	2.3	1.0
Accidental poisoning and exposure to noxious substances (X40-X49)	16	12	4	1.4	2.2	0.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	93	62	31	8.1	11.2	5.2
Intentional self-harm (suicide) (X60-X84, Y87.0)	142	109	33	12.4	19.7	5.5
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	37	36	1	3.2	6.5	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	105	73	32	9.1	13.2	5.4
Assault (homicide) (X85-Y09, Y87.1)	8	4	4	0.7	0.7	0.7
Assault (homicide) by discharge of firearms (X93-X95)	3	2	1	0.3	0.4	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	5	2	3	0.4	0.4	0.5
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	23	14	9	2.0	2.5	1.5
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	23	14	9	2.0	2.5	1.5
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	15	5	10	1.3	0.9	1.7

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section.*

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551).*

Table 2-16

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 70 to 74 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	24,617	14,734	9,883	2,364.9	3,036.5	1,778.5
Salmonella infections (A01-A02)	1	0	1	0.1	0.0	0.2
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	56	30	26	5.4	6.2	4.7
Tuberculosis (A16-A19)	7	6	1	0.7	1.2	0.2
Respiratory tuberculosis (A16)	6	5	1	0.6	1.0	0.2
Other tuberculosis (A17-A19)	1	1	0	0.1	0.2	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	167	99	68	16.0	20.4	12.2
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	33	13	20	3.2	2.7	3.6
Human immunodeficiency virus [HIV] disease (B20-B24)	7	6	1	0.7	1.2	0.2
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	51	23	28	4.9	4.7	5.0
Malignant neoplasms (C00-C97)	9,953	5,811	4,142	956.2	1,197.6	745.4
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	160	120	40	15.4	24.7	7.2
Malignant neoplasm of oesophagus (C15)	223	170	53	21.4	35.0	9.5
Malignant neoplasm of stomach (C16)	287	197	90	27.6	40.6	16.2
Malignant neoplasms of colon, rectum and anus (C18-C21)	1,018	645	373	97.8	132.9	67.1
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	241	154	87	23.2	31.7	15.7
Malignant neoplasm of pancreas (C25)	495	261	234	47.6	53.8	42.1
Malignant neoplasm of larynx (C32)	81	66	15	7.8	13.6	2.7
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	3,124	1,951	1,173	300.1	402.1	211.1
Malignant melanoma of skin (C43)	80	51	29	7.7	10.5	5.2
Malignant neoplasm of breast (C50)	528	8	520	50.7	1.6	93.6
Malignant neoplasm of cervix uteri (C53)	...	...	36	...	...	6.5
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	102	...	...	18.4
Malignant neoplasm of ovary (C56)	...	...	208	...	...	37.4
Malignant neoplasm of prostate (C61)	...	480	...	...	98.9	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	223	142	81	21.4	29.3	14.6
Malignant neoplasm of bladder (C67)	239	191	48	23.0	39.4	8.6
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	206	124	82	19.8	25.6	14.8
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	981	550	431	94.2	113.3	77.6
Hodgkin's disease (C81)	12	8	4	1.2	1.6	0.7
Non-Hodgkin's lymphoma (C82-C85)	387	210	177	37.2	43.3	31.9
Leukaemia (C91-C95)	355	210	145	34.1	43.3	26.1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	225	121	104	21.6	24.9	18.7
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	2	1	1	0.2	0.2	0.2
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	1,241	701	540	119.2	144.5	97.2
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	158	90	68	15.2	18.5	12.2
Anaemias (D50-D64)	37	18	19	3.6	3.7	3.4
Diabetes mellitus (E10-E14)	1,048	614	434	100.7	126.5	78.1
Nutritional deficiencies (E40-E64)	18	6	12	1.7	1.2	2.2
Malnutrition (E40-E46)	14	3	11	1.3	0.6	2.0
Other nutritional deficiencies (E50-E64)	4	3	1	0.4	0.6	0.2
Meningitis (G00, G03)	8	4	4	0.8	0.8	0.7
Parkinson's disease (G20-G21)	166	107	59	15.9	22.1	10.6
Alzheimer's disease (G30)	274	114	160	26.3	23.5	28.8
Major cardiovascular diseases (I00-I78)	7,293	4,678	2,615	700.6	964.1	470.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	5,403	3,569	1,834	519.1	735.5	330.0
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	67	27	40	6.4	5.6	7.2
Hypertensive heart disease (I11)	56	32	24	5.4	6.6	4.3

See footnotes at the end of the table.

Table 2-16 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 70 to 74 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	9	6	3	0.9	1.2	0.5
Ischaemic heart diseases (I20-I25)	4,322	2,958	1,364	415.2	609.6	245.5
Acute myocardial infarction (I21-I22)	2,156	1,467	689	207.1	302.3	124.0
Other acute ischaemic heart diseases (I24)	59	33	26	5.7	6.8	4.7
Other forms of chronic ischaemic heart disease (I20, I25)	2,107	1,458	649	202.4	300.5	116.8
Atherosclerotic cardiovascular disease, so described (I25.0)	190	133	57	18.3	27.4	10.3
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1,917	1,325	592	184.2	273.1	106.5
Other heart diseases (I26-I51)	949	546	403	91.2	112.5	72.5
Acute and subacute endocarditis (I33)	13	9	4	1.2	1.9	0.7
Diseases of pericardium and acute myocarditis (I30-I31, I40)	8	5	3	0.8	1.0	0.5
Heart failure (I50)	263	148	115	25.3	30.5	20.7
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	665	384	281	63.9	79.1	50.6
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	97	52	45	9.3	10.7	8.1
Cerebrovascular diseases (I60-I69)	1,309	745	564	125.8	153.5	101.5
Atherosclerosis (I70)	90	50	40	8.6	10.3	7.2
Other diseases of circulatory system (I71-I78)	394	262	132	37.9	54.0	23.8
Aortic aneurysm and dissection (I71)	273	189	84	26.2	39.0	15.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	121	73	48	11.6	15.0	8.6
Other disorders of circulatory system (I80-I99)	35	18	17	3.4	3.7	3.1
Influenza and pneumonia (J10-J18)	307	174	133	29.5	35.9	23.9
Influenza (J10-J11)	7	2	5	0.7	0.4	0.9
Pneumonia (J12-J18)	300	172	128	28.8	35.4	23.0
Other acute lower respiratory infections (J20-J22)	2	1	1	0.2	0.2	0.2
Acute bronchitis and bronchiolitis (J20-J21)	1	0	1	0.1	0.0	0.2
Unspecified acute lower respiratory infection (J22)	1	1	0	0.1	0.2	0.0
Chronic lower respiratory diseases (J40-J47)	1,336	751	585	128.3	154.8	105.3
Bronchitis, chronic and unspecified (J40-J42)	13	6	7	1.2	1.2	1.3
Emphysema (J43)	143	90	53	13.7	18.5	9.5
Asthma (J45-J46)	19	4	15	1.8	0.8	2.7
Other chronic lower respiratory diseases (J44, J47)	1,161	651	510	111.5	134.2	91.8
Pneumoconioses and chemical effects (J60-J66, J68)	14	13	1	1.3	2.7	0.2
Pneumonitis due to solids and liquids (J69)	88	55	33	8.5	11.3	5.9
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	307	198	109	29.5	40.8	19.6
Peptic ulcer (K25-K28)	46	26	20	4.4	5.4	3.6
Diseases of appendix (K35-K38)	6	5	1	0.6	1.0	0.2
Hernia (K40-K46)	29	18	11	2.8	3.7	2.0
Chronic liver disease and cirrhosis (K70, K73-K74)	325	221	104	31.2	45.5	18.7
Alcoholic liver disease (K70)	127	103	24	12.2	21.2	4.3
Other chronic liver disease and cirrhosis (K73-K74)	198	118	80	19.0	24.3	14.4
Cholelithiasis and other disorders of gallbladder (K80-K82)	31	18	13	3.0	3.7	2.3
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	325	186	139	31.2	38.3	25.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	5	2	3	0.5	0.4	0.5
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	6	4	2	0.6	0.8	0.4
Renal failure (N17-N19)	313	179	134	30.1	36.9	24.1
Other disorders of kidney (N25, N27)	1	1	0	0.1	0.2	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	11	4	7	1.1	0.8	1.3
Hyperplasia of prostate (N40)	...	4	...	...	0.8	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	21	10	11	2.0	2.1	2.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	179	106	73	17.2	21.8	13.1
All other diseases (residual) ¹¹	1,700	937	763	163.3	193.1	137.3
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	423	255	168	40.6	52.6	30.2
Transport accidents (V01-V99, Y85)	128	85	43	12.3	17.5	7.7
Motor vehicle accidents ¹²	117	77	40	11.2	15.9	7.2
Other land transport accidents ¹³	6	4	2	0.6	0.8	0.4

See footnotes at the end of the table.

Table 2-16 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 70 to 74 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	5	4	1	0.5	0.8	0.2
Nontransport accidents (W00-X59, Y86)	295	170	125	28.3	35.0	22.5
Falls (W00-W19)	144	79	65	13.8	16.3	11.7
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	11	8	3	1.1	1.6	0.5
Accidental exposure to smoke, fire and flames (X00-X09)	15	9	6	1.4	1.9	1.1
Accidental poisoning and exposure to noxious substances (X40-X49)	14	10	4	1.3	2.1	0.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	111	64	47	10.7	13.2	8.5
Intentional self-harm (suicide) (X60-X84, Y87.0)	105	87	18	10.1	17.9	3.2
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	34	34	0	3.3	7.0	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	71	53	18	6.8	10.9	3.2
Assault (homicide) (X85-Y09, Y87.1)	7	4	3	0.7	0.8	0.5
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	7	4	3	0.7	0.8	0.5
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	16	10	6	1.5	2.1	1.1
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	16	10	6	1.5	2.1	1.1
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	23	14	9	2.2	2.9	1.6

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source: Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551).

Table 2-17

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 75 to 79 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	32,463	17,845	14,618	3,859.3	4,961.3	3,036.0
Salmonella infections (A01-A02)	2	0	2	0.2	0.0	0.4
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	103	33	70	12.2	9.2	14.5
Tuberculosis (A16-A19)	21	8	13	2.5	2.2	2.7
Respiratory tuberculosis (A16)	16	7	9	1.9	1.9	1.9
Other tuberculosis (A17-A19)	5	1	4	0.6	0.3	0.8
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	1	0	1	0.1	0.0	0.2
Meningococcal infection (A39)	1	0	1	0.1	0.0	0.2
Septicaemia (A40-A41)	237	138	99	28.2	38.4	20.6
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	44	19	25	5.2	5.3	5.2
Human immunodeficiency virus [HIV] disease (B20-B24)	3	2	1	0.4	0.6	0.2
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	67	37	30	8.0	10.3	6.2
Malignant neoplasms (C00-C97)	10,878	6,025	4,853	1,293.2	1,675.1	1,007.9
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	111	63	48	13.2	17.5	10.0
Malignant neoplasm of oesophagus (C15)	198	147	51	23.5	40.9	10.6
Malignant neoplasm of stomach (C16)	295	177	118	35.1	49.2	24.5
Malignant neoplasms of colon, rectum and anus (C18-C21)	1,182	654	528	140.5	181.8	109.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	263	164	99	31.3	45.6	20.6
Malignant neoplasm of pancreas (C25)	593	283	310	70.5	78.7	64.4
Malignant neoplasm of larynx (C32)	80	59	21	9.5	16.4	4.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	3,159	1,910	1,249	375.5	531.0	259.4
Malignant melanoma of skin (C43)	101	61	40	12.0	17.0	8.3
Malignant neoplasm of breast (C50)	611	5	606	72.6	1.4	125.9
Malignant neoplasm of cervix uteri (C53)	...	...	23	...	...	4.8
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	112	...	...	23.3
Malignant neoplasm of ovary (C56)	...	...	228	...	...	47.4
Malignant neoplasm of prostate (C61)	...	732	...	...	203.5	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	214	122	92	25.4	33.9	19.1
Malignant neoplasm of bladder (C67)	287	207	80	34.1	57.6	16.6
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	181	91	90	21.5	25.3	18.7
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	1,062	570	492	126.3	158.5	102.2
Hodgkin's disease (C81)	22	9	13	2.6	2.5	2.7
Non-Hodgkin's lymphoma (C82-C85)	437	225	212	52.0	62.6	44.0
Leukaemia (C91-C95)	351	206	145	41.7	57.3	30.1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	251	130	121	29.8	36.1	25.1
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	0	1	0.1	0.0	0.2
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	1,446	780	666	171.9	216.9	138.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	235	125	110	27.9	34.8	22.8
Anaemias (D50-D64)	55	31	24	6.5	8.6	5.0
Diabetes mellitus (E10-E14)	1,352	704	648	160.7	195.7	134.6
Nutritional deficiencies (E40-E64)	29	19	10	3.4	5.3	2.1
Malnutrition (E40-E46)	20	14	6	2.4	3.9	1.2
Other nutritional deficiencies (E50-E64)	9	5	4	1.1	1.4	0.8
Meningitis (G00, G03)	5	3	2	0.6	0.8	0.4
Parkinson's disease (G20-G21)	347	213	134	41.3	59.2	27.8
Alzheimer's disease (G30)	664	258	406	78.9	71.7	84.3
Major cardiovascular diseases (I00-I78)	10,789	6,172	4,617	1,282.6	1,716.0	958.9
Diseases of heart (I00-I09, I11, I13, I20-I51)	7,732	4,578	3,154	919.2	1,272.8	655.0
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	73	22	51	8.7	6.1	10.6
Hypertensive heart disease (I11)	55	28	27	6.5	7.8	5.6

See footnotes at the end of the table.

Table 2-17 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 75 to 79 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	22	10	12	2.6	2.8	2.5
Ischaemic heart diseases (I20-I25)	6,177	3,785	2,392	734.3	1,052.3	496.8
Acute myocardial infarction (I21-I22)	2,930	1,789	1,141	348.3	497.4	237.0
Other acute ischaemic heart diseases (I24)	89	47	42	10.6	13.1	8.7
Other forms of chronic ischaemic heart disease (I20, I25)	3,158	1,949	1,209	375.4	541.9	251.1
Atherosclerotic cardiovascular disease, so described (I25.0)	237	135	102	28.2	37.5	21.2
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	2,921	1,814	1,107	347.3	504.3	229.9
Other heart diseases (I26-I51)	1,405	733	672	167.0	203.8	139.6
Acute and subacute endocarditis (I33)	10	4	6	1.2	1.1	1.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	10	4	6	1.2	1.1	1.2
Heart failure (I50)	526	264	262	62.5	73.4	54.4
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	859	461	398	102.1	128.2	82.7
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	173	79	94	20.6	22.0	19.5
Cerebrovascular diseases (I60-I69)	2,183	1,119	1,064	259.5	311.1	221.0
Atherosclerosis (I70)	153	75	78	18.2	20.9	16.2
Other diseases of circulatory system (I71-I78)	548	321	227	65.1	89.2	47.1
Aortic aneurysm and dissection (I71)	364	212	152	43.3	58.9	31.6
Other diseases of arteries, arterioles and capillaries (I72-I78)	184	109	75	21.9	30.3	15.6
Other disorders of circulatory system (I80-I99)	77	35	42	9.2	9.7	8.7
Influenza and pneumonia (J10-J18)	545	284	261	64.8	79.0	54.2
Influenza (J10-J11)	23	7	16	2.7	1.9	3.3
Pneumonia (J12-J18)	522	277	245	62.1	77.0	50.9
Other acute lower respiratory infections (J20-J22)	10	4	6	1.2	1.1	1.2
Acute bronchitis and bronchiolitis (J20-J21)	5	2	3	0.6	0.6	0.6
Unspecified acute lower respiratory infection (J22)	5	2	3	0.6	0.6	0.6
Chronic lower respiratory diseases (J40-J47)	1,958	1,120	838	232.8	311.4	174.0
Bronchitis, chronic and unspecified (J40-J42)	23	15	8	2.7	4.2	1.7
Emphysema (J43)	140	94	46	16.6	26.1	9.6
Asthma (J45-J46)	30	13	17	3.6	3.6	3.5
Other chronic lower respiratory diseases (J44, J47)	1,765	998	767	209.8	277.5	159.3
Pneumoconioses and chemical effects (J60-J66, J68)	18	18	0	2.1	5.0	0.0
Pneumonitis due to solids and liquids (J69)	157	89	68	18.7	24.7	14.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	387	236	151	46.0	65.6	31.4
Peptic ulcer (K25-K28)	62	33	29	7.4	9.2	6.0
Diseases of appendix (K35-K38)	11	7	4	1.3	1.9	0.8
Hernia (K40-K46)	38	20	18	4.5	5.6	3.7
Chronic liver disease and cirrhosis (K70, K73-K74)	244	145	99	29.0	40.3	20.6
Alcoholic liver disease (K70)	71	57	14	8.4	15.8	2.9
Other chronic liver disease and cirrhosis (K73-K74)	173	88	85	20.6	24.5	17.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	45	24	21	5.3	6.7	4.4
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	514	270	244	61.1	75.1	50.7
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	6	3	3	0.7	0.8	0.6
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	7	4	3	0.8	1.1	0.6
Renal failure (N17-N19)	500	263	237	59.4	73.1	49.2
Other disorders of kidney (N25, N27)	1	0	1	0.1	0.0	0.2
Infections of kidney (N10-N12, N13.6, N15.1)	6	3	3	0.7	0.8	0.6
Hyperplasia of prostate (N40)	...	8	...	...	2.2	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	3	...	...	0.6
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	24	9	15	2.9	2.5	3.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	217	110	107	25.8	30.6	22.2
All other diseases (residual) ¹¹	2,508	1,196	1,312	298.2	332.5	272.5
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	659	353	306	78.3	98.1	63.6
Transport accidents (V01-V99, Y85)	109	65	44	13.0	18.1	9.1
Motor vehicle accidents ¹²	103	59	44	12.2	16.4	9.1
Other land transport accidents ¹³	4	4	0	0.5	1.1	0.0

See footnotes at the end of the table.

Table 2-17 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 75 to 79 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	2	2	0	0.2	0.6	0.0
Nontransport accidents (W00-X59, Y86)	550	288	262	65.4	80.1	54.4
Falls (W00-W19)	241	138	103	28.7	38.4	21.4
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	11	11	0	1.3	3.1	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	19	8	11	2.3	2.2	2.3
Accidental poisoning and exposure to noxious substances (X40-X49)	17	8	9	2.0	2.2	1.9
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	262	123	139	31.1	34.2	28.9
Intentional self-harm (suicide) (X60-X84, Y87.0)	85	69	16	10.1	19.2	3.3
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	25	25	0	3.0	7.0	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	60	44	16	7.1	12.2	3.3
Assault (homicide) (X85-Y09, Y87.1)	2	1	1	0.2	0.3	0.2
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	2	1	1	0.2	0.3	0.2
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	10	4	6	1.2	1.1	1.2
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	10	4	6	1.2	1.1	1.2
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	42	20	22	5.0	5.6	4.6

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section.*

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551).*

Table 2-18

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 80 to 84 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	37,008	18,020	18,988	6,334.4	8,097.3	5,249.7
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	114	49	65	19.5	22.0	18.0
Tuberculosis (A16-A19)	20	11	9	3.4	4.9	2.5
Respiratory tuberculosis (A16)	16	9	7	2.7	4.0	1.9
Other tuberculosis (A17-A19)	4	2	2	0.7	0.9	0.6
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	276	121	155	47.2	54.4	42.9
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	25	13	12	4.3	5.8	3.3
Human immunodeficiency virus [HIV] disease (B20-B24)	1	1	0	0.2	0.4	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	63	40	23	10.8	18.0	6.4
Malignant neoplasms (C00-C97)	9,352	4,846	4,506	1,600.7	2,177.6	1,245.8
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	88	49	39	15.1	22.0	10.8
Malignant neoplasm of oesophagus (C15)	194	129	65	33.2	58.0	18.0
Malignant neoplasm of stomach (C16)	294	166	128	50.3	74.6	35.4
Malignant neoplasms of colon, rectum and anus (C18-C21)	1,049	507	542	179.5	227.8	149.8
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	186	97	89	31.8	43.6	24.6
Malignant neoplasm of pancreas (C25)	528	211	317	90.4	94.8	87.6
Malignant neoplasm of larynx (C32)	48	38	10	8.2	17.1	2.8
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2,146	1,276	870	367.3	573.4	240.5
Malignant melanoma of skin (C43)	80	52	28	13.7	23.4	7.7
Malignant neoplasm of breast (C50)	577	5	572	98.8	2.2	158.1
Malignant neoplasm of cervix uteri (C53)	...	...	29	...	...	8.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	98	...	...	27.1
Malignant neoplasm of ovary (C56)	...	...	214	...	...	59.2
Malignant neoplasm of prostate (C61)	...	820	...	...	368.5	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	161	86	75	27.6	38.6	20.7
Malignant neoplasm of bladder (C67)	297	190	107	50.8	85.4	29.6
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	113	54	59	19.3	24.3	16.3
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	1,006	519	487	172.2	233.2	134.6
Hodgkin's disease (C81)	9	2	7	1.5	0.9	1.9
Non-Hodgkin's lymphoma (C82-C85)	390	191	199	66.8	85.8	55.0
Leukaemia (C91-C95)	383	215	168	65.6	96.6	46.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	224	111	113	38.3	49.9	31.2
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	1,424	647	777	243.7	290.7	214.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	262	132	130	44.8	59.3	35.9
Anaemias (D50-D64)	105	45	60	18.0	20.2	16.6
Diabetes mellitus (E10-E14)	1,515	676	839	259.3	303.8	232.0
Nutritional deficiencies (E40-E64)	36	16	20	6.2	7.2	5.5
Malnutrition (E40-E46)	29	11	18	5.0	4.9	5.0
Other nutritional deficiencies (E50-E64)	7	5	2	1.2	2.2	0.6
Meningitis (G00, G03)	5	2	3	0.9	0.9	0.8
Parkinson's disease (G20-G21)	493	280	213	84.4	125.8	58.9
Alzheimer's disease (G30)	1,267	440	827	216.9	197.7	228.6
Major cardiovascular diseases (I00-I78)	14,009	6,827	7,182	2,397.8	3,067.7	1,985.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	9,708	4,914	4,794	1,661.6	2,208.1	1,325.4
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	105	34	71	18.0	15.3	19.6
Hypertensive heart disease (I11)	104	32	72	17.8	14.4	19.9

See footnotes at the end of the table.

Table 2-18 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 80 to 84 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	19	11	8	3.3	4.9	2.2
Ischaemic heart diseases (I20-I25)	7,464	3,924	3,540	1,277.6	1,763.3	978.7
Acute myocardial infarction (I21-I22)	3,406	1,760	1,646	583.0	790.9	455.1
Other acute ischaemic heart diseases (I24)	118	59	59	20.2	26.5	16.3
Other forms of chronic ischaemic heart disease (I20, I25)	3,940	2,105	1,835	674.4	945.9	507.3
Atherosclerotic cardiovascular disease, so described (I25.0)	268	150	118	45.9	67.4	32.6
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,672	1,955	1,717	628.5	878.5	474.7
Other heart diseases (I26-I51)	2,016	913	1,103	345.1	410.3	304.9
Acute and subacute endocarditis (I33)	7	2	5	1.2	0.9	1.4
Diseases of pericardium and acute myocarditis (I30-I31, I40)	8	2	6	1.4	0.9	1.7
Heart failure (I50)	808	359	449	138.3	161.3	124.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,193	550	643	204.2	247.1	177.8
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	241	87	154	41.3	39.1	42.6
Cerebrovascular diseases (I60-I69)	3,242	1,401	1,841	554.9	629.5	509.0
Atherosclerosis (I70)	236	119	117	40.4	53.5	32.3
Other diseases of circulatory system (I71-I78)	582	306	276	99.6	137.5	76.3
Aortic aneurysm and dissection (I71)	379	210	169	64.9	94.4	46.7
Other diseases of arteries, arterioles and capillaries (I72-I78)	203	96	107	34.7	43.1	29.6
Other disorders of circulatory system (I80-I99)	75	34	41	12.8	15.3	11.3
Influenza and pneumonia (J10-J18)	894	438	456	153.0	196.8	126.1
Influenza (J10-J11)	37	20	17	6.3	9.0	4.7
Pneumonia (J12-J18)	857	418	439	146.7	187.8	121.4
Other acute lower respiratory infections (J20-J22)	18	7	11	3.1	3.1	3.0
Acute bronchitis and bronchiolitis (J20-J21)	10	3	7	1.7	1.3	1.9
Unspecified acute lower respiratory infection (J22)	8	4	4	1.4	1.8	1.1
Chronic lower respiratory diseases (J40-J47)	2,232	1,240	992	382.0	557.2	274.3
Bronchitis, chronic and unspecified (J40-J42)	23	14	9	3.9	6.3	2.5
Emphysema (J43)	140	90	50	24.0	40.4	13.8
Asthma (J45-J46)	48	15	33	8.2	6.7	9.1
Other chronic lower respiratory diseases (J44, J47)	2,021	1,121	900	345.9	503.7	248.8
Pneumoconioses and chemical effects (J60-J66, J68)	12	12	0	2.1	5.4	0.0
Pneumonitis due to solids and liquids (J69)	208	118	90	35.6	53.0	24.9
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	384	221	163	65.7	99.3	45.1
Peptic ulcer (K25-K28)	76	29	47	13.0	13.0	13.0
Diseases of appendix (K35-K38)	5	2	3	0.9	0.9	0.8
Hernia (K40-K46)	49	18	31	8.4	8.1	8.6
Chronic liver disease and cirrhosis (K70, K73-K74)	155	78	77	26.5	35.0	21.3
Alcoholic liver disease (K70)	28	24	4	4.8	10.8	1.1
Other chronic liver disease and cirrhosis (K73-K74)	127	54	73	21.7	24.3	20.2
Cholelithiasis and other disorders of gallbladder (K80-K82)	64	33	31	11.0	14.8	8.6
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	767	408	359	131.3	183.3	99.3
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	2	1	1	0.3	0.4	0.3
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	9	6	3	1.5	2.7	0.8
Renal failure (N17-N19)	756	401	355	129.4	180.2	98.1
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	18	2	16	3.1	0.9	4.4
Hyperplasia of prostate (N40)	...	15	...	...	6.7	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	4	...	...	1.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	22	4	18	3.8	1.8	5.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	254	119	135	43.5	53.5	37.3
All other diseases (residual) ¹¹	3,308	1,274	2,034	566.2	572.5	562.3
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	813	403	410	139.2	181.1	113.4
Transport accidents (V01-V99, Y85)	114	67	47	19.5	30.1	13.0
Motor vehicle accidents ¹²	107	60	47	18.3	27.0	13.0
Other land transport accidents ¹³	3	3	0	0.5	1.3	0.0

See footnotes at the end of the table.

Table 2-18 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 80 to 84 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	4	4	0	0.7	1.8	0.0
Nontransport accidents (W00-X59, Y86)	699	336	363	119.6	151.0	100.4
Falls (W00-W19)	350	192	158	59.9	86.3	43.7
Accidental discharge of firearms (W32-W34)	1	1	0	0.2	0.4	0.0
Accidental drowning and submersion (W65-W74)	6	4	2	1.0	1.8	0.6
Accidental exposure to smoke, fire and flames (X00-X09)	7	3	4	1.2	1.3	1.1
Accidental poisoning and exposure to noxious substances (X40-X49)	13	7	6	2.2	3.1	1.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	322	129	193	55.1	58.0	53.4
Intentional self-harm (suicide) (X60-X84, Y87.0)	53	44	9	9.1	19.8	2.5
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	9	9	0	1.5	4.0	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	44	35	9	7.5	15.7	2.5
Assault (homicide) (X85-Y09, Y87.1)	10	6	4	1.7	2.7	1.1
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	10	6	4	1.7	2.7	1.1
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	9	6	3	1.5	2.7	0.8
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	9	6	3	1.5	2.7	0.8
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	20	10	10	3.4	4.5	2.8

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section.*

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551).*

Table 2-19

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 85 to 89 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	33,370	13,668	19,702	11,192.9	14,031.6	9,815.3
Salmonella infections (A01-A02)	1	0	1	0.3	0.0	0.5
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	124	46	78	41.6	47.2	38.9
Tuberculosis (A16-A19)	15	7	8	5.0	7.2	4.0
Respiratory tuberculosis (A16)	13	6	7	4.4	6.2	3.5
Other tuberculosis (A17-A19)	2	1	1	0.7	1.0	0.5
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	286	121	165	95.9	124.2	82.2
Syphilis (A50-A53)	1	1	0	0.3	1.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	15	9	6	5.0	9.2	3.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	68	32	36	22.8	32.9	17.9
Malignant neoplasms (C00-C97)	6,019	2,817	3,202	2,018.9	2,891.9	1,595.2
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	72	26	46	24.2	26.7	22.9
Malignant neoplasm of oesophagus (C15)	102	58	44	34.2	59.5	21.9
Malignant neoplasm of stomach (C16)	192	90	102	64.4	92.4	50.8
Malignant neoplasms of colon, rectum and anus (C18-C21)	761	287	474	255.3	294.6	236.1
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	111	43	68	37.2	44.1	33.9
Malignant neoplasm of pancreas (C25)	324	113	211	108.7	116.0	105.1
Malignant neoplasm of larynx (C32)	25	20	5	8.4	20.5	2.5
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,055	609	446	353.9	625.2	222.2
Malignant melanoma of skin (C43)	44	23	21	14.8	23.6	10.5
Malignant neoplasm of breast (C50)	451	3	448	151.3	3.1	223.2
Malignant neoplasm of cervix uteri (C53)	...	...	20	...	...	10.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	75	...	...	37.4
Malignant neoplasm of ovary (C56)	...	...	135	...	...	67.3
Malignant neoplasm of prostate (C61)	...	616	...	...	632.4	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	119	62	57	39.9	63.6	28.4
Malignant neoplasm of bladder (C67)	227	149	78	76.1	153.0	38.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	54	24	30	18.1	24.6	14.9
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	612	274	338	205.3	281.3	168.4
Hodgkin's disease (C81)	5	2	3	1.7	2.1	1.5
Non-Hodgkin's lymphoma (C82-C85)	232	109	123	77.8	111.9	61.3
Leukaemia (C91-C95)	252	117	135	84.5	120.1	67.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	122	45	77	40.9	46.2	38.4
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	1	0	0.3	1.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	1,024	420	604	343.5	431.2	300.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	225	101	124	75.5	103.7	61.8
Anaemias (D50-D64)	115	44	71	38.6	45.2	35.4
Diabetes mellitus (E10-E14)	1,196	480	716	401.2	492.8	356.7
Nutritional deficiencies (E40-E64)	46	18	28	15.4	18.5	13.9
Malnutrition (E40-E46)	40	16	24	13.4	16.4	12.0
Other nutritional deficiencies (E50-E64)	6	2	4	2.0	2.1	2.0
Meningitis (G00, G03)	1	0	1	0.3	0.0	0.5
Parkinson's disease (G20-G21)	341	171	170	114.4	175.5	84.7
Alzheimer's disease (G30)	1,527	462	1,065	512.2	474.3	530.6
Major cardiovascular diseases (I00-I78)	13,768	5,451	8,317	4,618.0	5,596.0	4,143.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	9,454	3,829	5,625	3,171.0	3,930.8	2,802.3
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	71	19	52	23.8	19.5	25.9
Hypertensive heart disease (I11)	116	29	87	38.9	29.8	43.3

See footnotes at the end of the table.

Table 2-19 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 85 to 89 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	27	8	19	9.1	8.2	9.5
Ischaemic heart diseases (I20-I25)	7,071	2,953	4,118	2,371.7	3,031.5	2,051.5
Acute myocardial infarction (I21-I22)	3,015	1,261	1,754	1,011.3	1,294.5	873.8
Other acute ischaemic heart diseases (I24)	93	31	62	31.2	31.8	30.9
Other forms of chronic ischaemic heart disease (I20, I25)	3,963	1,661	2,302	1,329.3	1,705.2	1,146.8
Atherosclerotic cardiovascular disease, so described (I25.0)	206	96	110	69.1	98.6	54.8
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,757	1,565	2,192	1,260.2	1,606.6	1,092.0
Other heart diseases (I26-I51)	2,169	820	1,349	727.5	841.8	672.1
Acute and subacute endocarditis (I33)	7	4	3	2.3	4.1	1.5
Diseases of pericardium and acute myocarditis (I30-I31, I40)	4	1	3	1.3	1.0	1.5
Heart failure (I50)	996	398	598	334.1	408.6	297.9
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,162	417	745	389.8	428.1	371.2
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	256	78	178	85.9	80.1	88.7
Cerebrovascular diseases (I60-I69)	3,324	1,215	2,109	1,114.9	1,247.3	1,050.7
Atherosclerosis (I70)	290	114	176	97.3	117.0	87.7
Other diseases of circulatory system (I71-I78)	444	215	229	148.9	220.7	114.1
Aortic aneurysm and dissection (I71)	260	136	124	87.2	139.6	61.8
Other diseases of arteries, arterioles and capillaries (I72-I78)	184	79	105	61.7	81.1	52.3
Other disorders of circulatory system (I80-I99)	43	14	29	14.4	14.4	14.4
Influenza and pneumonia (J10-J18)	1,063	474	589	356.5	486.6	293.4
Influenza (J10-J11)	49	21	28	16.4	21.6	13.9
Pneumonia (J12-J18)	1,014	453	561	340.1	465.0	279.5
Other acute lower respiratory infections (J20-J22)	19	5	14	6.4	5.1	7.0
Acute bronchitis and bronchiolitis (J20-J21)	10	3	7	3.4	3.1	3.5
Unspecified acute lower respiratory infection (J22)	9	2	7	3.0	2.1	3.5
Chronic lower respiratory diseases (J40-J47)	1,803	968	835	604.8	993.7	416.0
Bronchitis, chronic and unspecified (J40-J42)	25	18	7	8.4	18.5	3.5
Emphysema (J43)	75	43	32	25.2	44.1	15.9
Asthma (J45-J46)	46	14	32	15.4	14.4	15.9
Other chronic lower respiratory diseases (J44, J47)	1,657	893	764	555.8	916.8	380.6
Pneumoconioses and chemical effects (J60-J66, J68)	10	10	0	3.4	10.3	0.0
Pneumonitis due to solids and liquids (J69)	213	112	101	71.4	115.0	50.3
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	310	129	181	104.0	132.4	90.2
Peptic ulcer (K25-K28)	73	21	52	24.5	21.6	25.9
Diseases of appendix (K35-K38)	10	2	8	3.4	2.1	4.0
Hernia (K40-K46)	46	18	28	15.4	18.5	13.9
Chronic liver disease and cirrhosis (K70, K73-K74)	92	36	56	30.9	37.0	27.9
Alcoholic liver disease (K70)	12	8	4	4.0	8.2	2.0
Other chronic liver disease and cirrhosis (K73-K74)	80	28	52	26.8	28.7	25.9
Cholelithiasis and other disorders of gallbladder (K80-K82)	64	30	34	21.5	30.8	16.9
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	743	340	403	249.2	349.0	200.8
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	5	5	0	1.7	5.1	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	7	4	3	2.3	4.1	1.5
Renal failure (N17-N19)	731	331	400	245.2	339.8	199.3
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	25	12	13	8.4	12.3	6.5
Hyperplasia of prostate (N40)	...	13	...	...	13.3	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	11	6	5	3.7	6.2	2.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	323	121	202	108.3	124.2	100.6
All other diseases (residual) ¹¹	3,735	1,195	2,540	1,252.8	1,226.8	1,265.4
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	964	370	594	323.3	379.8	295.9
Transport accidents (V01-V99, Y85)	50	24	26	16.8	24.6	13.0
Motor vehicle accidents ¹²	46	22	24	15.4	22.6	12.0
Other land transport accidents ¹³	2	1	1	0.7	1.0	0.5

See footnotes at the end of the table.

Table 2-19 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 85 to 89 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	2	1	1	0.7	1.0	0.5
Nontransport accidents (W00-X59, Y86)	914	346	568	306.6	355.2	283.0
Falls (W00-W19)	391	135	256	131.1	138.6	127.5
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	6	3	3	2.0	3.1	1.5
Accidental exposure to smoke, fire and flames (X00-X09)	9	5	4	3.0	5.1	2.0
Accidental poisoning and exposure to noxious substances (X40-X49)	9	3	6	3.0	3.1	3.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	499	200	299	167.4	205.3	149.0
Intentional self-harm (suicide) (X60-X84, Y87.0)	34	22	12	11.4	22.6	6.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	6	6	0	2.0	6.2	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	28	16	12	9.4	16.4	6.0
Assault (homicide) (X85-Y09, Y87.1)	1	1	0	0.3	1.0	0.0
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	1	1	0	0.3	1.0	0.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	2	0	2	0.7	0.0	1.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	2	0	2	0.7	0.0	1.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	25	9	16	8.4	9.2	8.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section.*

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551).*

Table 2-20

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 90 years and over^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	31,506	9,204	22,302	20,696.2	23,352.7	19,768.1
Salmonella infections (A01-A02)	2	0	2	1.3	0.0	1.8
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	115	41	74	75.5	104.0	65.6
Tuberculosis (A16-A19)	5	2	3	3.3	5.1	2.7
Respiratory tuberculosis (A16)	2	1	1	1.3	2.5	0.9
Other tuberculosis (A17-A19)	3	1	2	2.0	2.5	1.8
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	1	0	1	0.7	0.0	0.9
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	211	62	149	138.6	157.3	132.1
Syphilis (A50-A53)	1	0	1	0.7	0.0	0.9
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	4	1	3	2.6	2.5	2.7
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	65	19	46	42.7	48.2	40.8
Malignant neoplasms (C00-C97)	3,510	1,397	2,113	2,305.7	3,544.5	1,872.9
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	34	16	18	22.3	40.6	16.0
Malignant neoplasm of oesophagus (C15)	56	23	33	36.8	58.4	29.3
Malignant neoplasm of stomach (C16)	123	56	67	80.8	142.1	59.4
Malignant neoplasms of colon, rectum and anus (C18-C21)	465	147	318	305.5	373.0	281.9
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	57	23	34	37.4	58.4	30.1
Malignant neoplasm of pancreas (C25)	168	46	122	110.4	116.7	108.1
Malignant neoplasm of larynx (C32)	12	9	3	7.9	22.8	2.7
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	411	210	201	270.0	532.8	178.2
Malignant melanoma of skin (C43)	31	16	15	20.4	40.6	13.3
Malignant neoplasm of breast (C50)	403	0	403	264.7	0.0	357.2
Malignant neoplasm of cervix uteri (C53)	...	...	10	...	...	8.9
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	51	...	...	45.2
Malignant neoplasm of ovary (C56)	...	...	55	...	...	48.8
Malignant neoplasm of prostate (C61)	...	413	...	...	1,047.9	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	58	25	33	38.1	63.4	29.3
Malignant neoplasm of bladder (C67)	148	77	71	97.2	195.4	62.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	19	2	17	12.5	5.1	15.1
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	302	108	194	198.4	274.0	172.0
Hodgkin's disease (C81)	3	2	1	2.0	5.1	0.9
Non-Hodgkin's lymphoma (C82-C85)	101	31	70	66.3	78.7	62.0
Leukaemia (C91-C95)	136	52	84	89.3	131.9	74.5
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	62	23	39	40.7	58.4	34.6
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	694	226	468	455.9	573.4	414.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	167	62	105	109.7	157.3	93.1
Anaemias (D50-D64)	154	36	118	101.2	91.3	104.6
Diabetes mellitus (E10-E14)	898	248	650	589.9	629.2	576.1
Nutritional deficiencies (E40-E64)	75	17	58	49.3	43.1	51.4
Malnutrition (E40-E46)	64	15	49	42.0	38.1	43.4
Other nutritional deficiencies (E50-E64)	11	2	9	7.2	5.1	8.0
Meningitis (G00, G03)	0	0	0	0.0	0.0	0.0
Parkinson's disease (G20-G21)	215	82	133	141.2	208.1	117.9
Alzheimer's disease (G30)	1,628	288	1,340	1,069.4	730.7	1,187.8
Major cardiovascular diseases (I00-I78)	13,936	3,853	10,083	9,154.5	9,776.0	8,937.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	9,552	2,748	6,804	6,274.7	6,972.3	6,031.0
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	43	8	35	28.2	20.3	31.0
Hypertensive heart disease (I11)	156	21	135	102.5	53.3	119.7

See footnotes at the end of the table.

Table 2-20 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 90 years and over^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	30	11	19	19.7	27.9	16.8
Ischaemic heart diseases (I20-I25)	6,757	1,985	4,772	4,438.6	5,036.4	4,229.8
Acute myocardial infarction (I21-I22)	2,552	791	1,761	1,676.4	2,007.0	1,560.9
Other acute ischaemic heart diseases (I24)	106	31	75	69.6	78.7	66.5
Other forms of chronic ischaemic heart disease (I20, I25)	4,099	1,163	2,936	2,692.6	2,950.8	2,602.4
Atherosclerotic cardiovascular disease, so described (I25.0)	192	48	144	126.1	121.8	127.6
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,907	1,115	2,792	2,566.5	2,829.0	2,474.8
Other heart diseases (I26-I51)	2,566	723	1,843	1,685.6	1,834.4	1,633.6
Acute and subacute endocarditis (I33)	1	0	1	0.7	0.0	0.9
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	0	2	1.3	0.0	1.8
Heart failure (I50)	1,404	396	1,008	922.3	1,004.7	893.5
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,159	327	832	761.3	829.7	737.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	350	60	290	229.9	152.2	257.1
Cerebrovascular diseases (I60-I69)	3,236	782	2,454	2,125.7	1,984.1	2,175.2
Atherosclerosis (I70)	397	121	276	260.8	307.0	244.6
Other diseases of circulatory system (I71-I78)	401	142	259	263.4	360.3	229.6
Aortic aneurysm and dissection (I71)	192	82	110	126.1	208.1	97.5
Other diseases of arteries, arterioles and capillaries (I72-I78)	209	60	149	137.3	152.2	132.1
Other disorders of circulatory system (I80-I99)	53	8	45	34.8	20.3	39.9
Influenza and pneumonia (J10-J18)	1,615	506	1,109	1,060.9	1,283.8	983.0
Influenza (J10-J11)	80	25	55	52.6	63.4	48.8
Pneumonia (J12-J18)	1,535	481	1,054	1,008.3	1,220.4	934.2
Other acute lower respiratory infections (J20-J22)	14	4	10	9.2	10.1	8.9
Acute bronchitis and bronchiolitis (J20-J21)	9	2	7	5.9	5.1	6.2
Unspecified acute lower respiratory infection (J22)	5	2	3	3.3	5.1	2.7
Chronic lower respiratory diseases (J40-J47)	1,378	626	752	905.2	1,588.3	666.6
Bronchitis, chronic and unspecified (J40-J42)	54	12	42	35.5	30.4	37.2
Emphysema (J43)	43	25	18	28.2	63.4	16.0
Asthma (J45-J46)	33	4	29	21.7	10.1	25.7
Other chronic lower respiratory diseases (J44, J47)	1,248	585	663	819.8	1,484.3	587.7
Pneumoconioses and chemical effects (J60-J66, J68)	2	2	0	1.3	5.1	0.0
Pneumonitis due to solids and liquids (J69)	221	75	146	145.2	190.3	129.4
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	267	95	172	175.4	241.0	152.5
Peptic ulcer (K25-K28)	60	19	41	39.4	48.2	36.3
Diseases of appendix (K35-K38)	2	0	2	1.3	0.0	1.8
Hernia (K40-K46)	43	7	36	28.2	17.8	31.9
Chronic liver disease and cirrhosis (K70, K73-K74)	20	8	12	13.1	20.3	10.6
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	20	8	12	13.1	20.3	10.6
Cholelithiasis and other disorders of gallbladder (K80-K82)	64	21	43	42.0	53.3	38.1
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	693	236	457	455.2	598.8	405.1
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	3	0	3	2.0	0.0	2.7
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	4	2	2	2.6	5.1	1.8
Renal failure (N17-N19)	686	234	452	450.6	593.7	400.6
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	20	3	17	13.1	7.6	15.1
Hyperplasia of prostate (N40)	...	16	...	...	40.6	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.9
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	3	1	2	2.0	2.5	1.8
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	650	158	492	427.0	400.9	436.1
All other diseases (residual) ¹¹	4,223	955	3,268	2,774.1	2,423.1	2,896.7
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	1,115	326	789	732.4	827.1	699.4
Transport accidents (V01-V99, Y85)	23	17	6	15.1	43.1	5.3
Motor vehicle accidents ¹²	21	16	5	13.8	40.6	4.4
Other land transport accidents ¹³	1	1	0	0.7	2.5	0.0

See footnotes at the end of the table.

Table 2-20 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 90 years and over^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	1	0	1	0.7	0.0	0.9
Nontransport accidents (W00-X59, Y86)	1,092	309	783	717.3	784.0	694.0
Falls (W00-W19)	416	140	276	273.3	355.2	244.6
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	2	0	2	1.3	0.0	1.8
Accidental exposure to smoke, fire and flames (X00-X09)	1	1	0	0.7	2.5	0.0
Accidental poisoning and exposure to noxious substances (X40-X49)	7	3	4	4.6	7.6	3.5
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	666	165	501	437.5	418.6	444.1
Intentional self-harm (suicide) (X60-X84, Y87.0)	23	16	7	15.1	40.6	6.2
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	2	2	0	1.3	5.1	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	21	14	7	13.8	35.5	6.2
Assault (homicide) (X85-Y09, Y87.1)	3	3	0	2.0	7.6	0.0
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	3	3	0	2.0	7.6	0.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	7	2	5	4.6	5.1	4.4
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	7	2	5	4.6	5.1	4.4
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	26	9	17	17.1	22.8	15.1

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology — Explanatory notes for the tables section.*

Source: Statistics Canada, *Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates) (CANSIM table 102-0551).*

Definitions

The definitions used for the production of statistical tables of Canadian vital statistics data are based on those recommended by the World Health Organization¹ and the United Nations.²

Age. Age attained at the last birthday preceding death. In the case of infant deaths, the completed number of months (or minutes, hours, or days) since birth.

Cause of death. The cause of death coded and tabulated is the underlying cause of death. This is defined as “(a) the disease or injury which initiated the train of morbid events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury”. This underlying cause of death is selected from a number of conditions listed on the medical certificate of cause of death.

Beginning in the year 2000 in Canada, causes of death and stillbirth are coded to the 10th revision of the World Health Organization’s **International Statistical Classification of Diseases and Related Health Problems (ICD-10)**. The previous revision, ICD-9³ was used in Canada for the classification of cause of death and stillbirth from 1979 to 1999.

Death. The permanent disappearance of all evidence of life at any time after a live birth has taken place. Stillbirths are excluded from death statistics unless otherwise indicated.

- **Early neonatal death:** Death of a child under one week of age (0 to 6 days).
- **Infant death:** Death of a child under one year of age.
- **Neonatal death:** Death of a child under four weeks of age (0 to 27 days).
- **Perinatal death:** Death of a child under one week of age (0 to 6 days) or a stillbirth of 28 or more weeks of gestation.
- **Post-neonatal death:** Death of a child under one year of age but at least 28 days old (28 to 364 days).

Death rates

- **Age-standardized death rate:** Age-standardization removes the effects of differences in the age structure of populations among areas and over time. Age-standardized death rates show the number of deaths per 100,000 population that would have occurred in a given area if the age structure of the population of that area was the same as the age structure of a specified standard population.

1. World Health Organization (WHO). *International Statistical Classification of Diseases and Related Health Problems, Tenth Revision, Volumes 1 and 2 (ICD-10)*. Geneva, 1992.

2. United Nations. *Principles and Recommendations for a Vital Statistics System*. Statistical Papers, Series M, No. 19, Rev. 1. New York, 1974.

3. World Health Organization (WHO). *International Classification of Diseases, 1975 Revision, Volume 1 (ICD-9)*. Geneva, 1977.

The formula for an age-standardized death rate r is:

$$r = \sum_{i=1}^{20} \left(\frac{d_i}{p_i} \right) w_i \quad \text{where,}$$

For age group i :

d_i is the age-sex-specific death count for a particular cause of death for a given year and geographical area,

p_i is the age-sex-specific population estimate for July 1 of the same year and geographical area, and

w_i is the weight for that age group in a standard population. The 1991 Canadian Census of Population is used as the standard population. This standard population and calculated weights are reproduced below, under Population. Note that the same weight is used for each sex.

To yield a rate per 100,000 population, r is multiplied by 100,000.

- **Age-specific death rate:** The number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
- **Crude death rate:** The number of deaths during a given year per 100,000 population as of July 1 of the same year.
- **Early neonatal death rate:** The number of early neonatal deaths during a given year per 1,000 live births in the same year.
- **Infant death rate:** The number of infant deaths during a given year per 1,000 live births in the same year.
- **Neonatal death rate:** The number of neonatal deaths during a given year per 1,000 live births in the same year.
- **Perinatal death rate:** The number of perinatal deaths during a given year per 1,000 total births (live births plus stillbirths of 28 or more weeks of gestation) in the same year.
- **Post-neonatal death rate:** The number of post-neonatal deaths during a given year per 1,000 live births in the same year.

Delivery. A delivery may consist of one or more live born or stillborn fetuses. The number of deliveries in a given period will be equal to or less than the total number of births because a multiple birth (twins, triplets or higher-order multiple births) is counted as a single delivery.

Gestational age. The interval, in completed weeks, between the first day of the mother's last menstrual period and the day of delivery (that is, the duration of pregnancy). It can also be an estimate of that interval, based on ultrasound, a physical examination, or other method. Canadian birth registration documents do not specify how the gestational age was calculated. **Pre-term** refers to a period of gestation under 37 completed weeks; **term**, 37 through 41 completed weeks; and **post-term**, 42 or more completed weeks.

ICD-10 codes. The **International Statistical Classification of Diseases and Related Health Problems (ICD)** codes, 10th Revision, were established by the World Health Organization in 1992. The ICD-10 manual assigns codes to specific diseases, injuries and causes of death.

Life expectancy. The average number of remaining years of life, at birth or other age, based on the set of age-specific mortality rates calculated for a given year.

Live birth. The complete expulsion or extraction from its mother of a product of conception which, regardless of the duration of pregnancy, subsequently breathes or shows any other evidence of life.

Marital status. The legal conjugal status of the deceased at the time of death. Persons in common-law relationships are categorized by their legal marital status. A **single** person is one who has never been married, or a person whose marriage has been annulled and who has not remarried. A **separated** person is legally married but is not living with his or her spouse because the couple no longer wants to live together. A **divorced** person is one who has obtained a legal divorce and has not remarried. A **married** person is one who is legally married and not separated. A person whose spouse has died and who has not remarried is **widowed**.

Population. Persons whose usual place of residence is somewhere in Canada, including Canadian government employees stationed abroad and their families, members of the Canadian Armed Forces stationed abroad and their families, crews of Canadian merchant vessels, and non-permanent residents of Canada.

Adjusted population estimates are used in vital statistics to better reflect Canada's population; these estimates include upward adjustments for net census under-coverage and non-permanent residents. Net census under-coverage is the difference between census under-coverage and census over-coverage. The former refers to persons who were part of the census universe, but were not enumerated in the census; the latter, to persons either enumerated more than once, or enumerated but not part of the census universe. Non-permanent residents are persons claiming refugee status, persons holding student or employment authorizations, or a Minister's permit, and all non-Canadian-born dependents of the above individuals.

Mid-year (July 1) population estimates are used to calculate the rates in vital statistics publications. Population estimates are revised frequently by Statistics Canada's Demography Division.

The **standard population** used in the calculation of age-standardized death rates is the 1991 Canadian Census of Population, by age group, both sexes together.

Text table 1

Age-standardized death rates

Group(i)	Age		Standard population	Weight
	in years		number	w
1	< 1		403,061	0.0143
2	1 to 4		1,550,285	0.0551
3	5 to 9		1,953,045	0.0695
4	10 to 14		1,913,115	0.0680
5	15 to 19		1,926,090	0.0685
6	20 to 24		2,109,452	0.0750
7	25 to 29		2,529,239	0.0899
8	30 to 34		2,598,289	0.0924
9	35 to 39		2,344,872	0.0834
10	40 to 44		2,138,891	0.0761
11	45 to 49		1,674,153	0.0595
12	50 to 54		1,339,902	0.0476
13	55 to 59		1,238,441	0.0440
14	60 to 64		1,190,217	0.0423
15	65 to 69		1,084,588	0.0386
16	70 to 74		834,024	0.0297
17	75 to 79		622,221	0.0221
18	80 to 84		382,303	0.0136
19	85 to 89		192,410	0.0068
20	90 and over		95,467	0.0034
Total			28,120,065	1.0000

Provinces and territories. Unless otherwise stated, the geographic distribution of deaths in the tables of this publication is based on the deceased's usual place of residence.

Nunavut came into being officially as a Territory of Canada on April 1, 1999. The name Northwest Territories applies to a Territory with different geographic boundaries before and after April 1, 1999.

Deaths and stillbirths of residents of Nunavut which took place before April 1, 1999 are included with deaths and stillbirths of residents of the Northwest Territories. Deaths and stillbirths which took place on or after April 1, 1999 are tabulated separately for residents of Nunavut.

Stillbirth. The complete expulsion or extraction from its mother of a product of conception, which did not at any time after birth breathe or show any other sign of life.

Most provinces and the three territories require a stillbirth with a gestational age of at least 20 weeks or a birth weight of at least 500 grams to be registered. In Quebec and Saskatchewan (and New Brunswick, prior to November 1996), only stillbirths weighing 500 or more grams must be registered, regardless of the gestational period. Until 1997, only stillbirths with gestational periods of at least 20 weeks were required to be registered in Prince Edward Island, regardless of birth weight.

Stillbirth data are tabulated according to the mother's place of residence.

Stillbirth rate. The number of stillbirths per 1,000 total births (live births plus stillbirths).

Vital Statistics — Death Database

Survey description

This is an administrative survey that collects demographic and medical (cause of death) information annually from all provincial and territorial vital statistics registries on all deaths in Canada. Some data are also collected on Canadian residents who die in selected American states.

The data are used to calculate basic indicators (such as counts and rates) on deaths of residents of Canada. Information from this database is also used in the calculation of statistics, such as cause-specific death rates and life expectancy.

For Canada as a whole, it was impossible to compile a satisfactory series of vital statistics prior to 1921. Eight provinces initially joined the cooperative Canadian vital statistics system, leading to the publication of the first annual report for Canada in 1921; that report included Prince Edward Island, Nova Scotia, New Brunswick, Ontario, Manitoba, Saskatchewan, Alberta and British Columbia. Quebec began to participate in 1926 and Newfoundland in 1949 (after joining Confederation) and their data were included in the tabulations from those years onward. Basic data from the Yukon and Northwest Territories were published as appendices to the national tables from 1924 to 1955; their data were first included in the regular tabulations in 1956. Nunavut came into being officially as a Territory of Canada on April 1, 1999. The name Northwest Territories applies to a Territory with different geographic boundaries before and after April 1, 1999.

Prior to 1944 all vital events were classified by place of occurrence. Since 1944, births, stillbirths, and deaths have been classified by area of reported residence, with births and stillbirths according to the residence of the mother.

The cause of death variable in the death database is classified according to the World Health Organization "International Statistical Classification of Diseases and Related Health Problems" (ICD). The following table shows the data years for which each revision of this classification was used. Data users must note that cause of death data coded to different revisions of the classification are not comparable and they should contact Statistics Canada for assistance with the use of this variable across classification revisions.

"International Statistical Classification of Diseases and Related Health Problems" (ICD) Revision and Data Year Used at Statistics Canada:

- ICD-3 used from 1921 to 1930
- ICD-4 used from 1931 to 1940
- ICD-5 used from 1941 to 1949
- ICD-6 used from 1950 to 1957
- ICD-7 used from 1958 to 1968
- ICDA-8 used from 1969 to 1978
- ICD-9 used from 1979 to 1999
- ICD-10 used from 2000 to present

Data sources and methodology

Survey population

The conceptual universe of the Death database is deaths of Canadian residents anywhere in the world.

The target population of the Death database is deaths of Canadian residents in Canada and of Canadian residents in American states.

The actual (survey) population of the Death database is deaths of Canadian residents and non-residents in Canada, and deaths of Canadian residents in some American states.

Sampling

This survey is a census with a cross-sectional design.

Data sources

Responding to this survey is mandatory. Data are extracted from administrative files.

Provincial and territorial Vital Statistics Acts (or equivalent legislation) render compulsory the registration of all live births, stillbirths, deaths and marriages within their jurisdictions. These Acts follow, as closely as possible, a Model Vital Statistics Act that was developed to promote uniformity of legislation and reporting practices among the provinces and territories.

The Canadian Vital Statistics system operates under an agreement between the Government of Canada and governments of the provinces and territories. The Vital Statistics Council for Canada, an advisory committee set up by an Order-in-Council, oversees policy and operational matters. All provincial and territorial jurisdictions and Statistics Canada are represented on the Vital Statistics Council. Under the agreement, all registrars collect a specified set of data elements, although any of them may decide to collect additional information.

The form for the registration of a death consists of two parts: the first, for personal information, and the second, for medical information. Personal data are supplied to the funeral director by an informant, usually a relative of the deceased. The part of the form comprising the medical certificate of cause of death is completed by the medical practitioner last in attendance, or by a coroner, if an inquest or enquiry was held. The funeral director, or person acting as the funeral director, enters the details pertaining to the disposition of the body (for example, burial) on the death registration form, and is responsible for filing the completed form with the local registrar, who then issues the burial permit.

The central Vital Statistics Registry in each province and territory provides data from death registrations to Statistics Canada. The following statistical data items are reported for each death by all provinces and territories for inclusion in the Canadian Vital Statistics system:

- Age, sex, marital status, place of residence and birthplace of the deceased
- Date of death
- Underlying cause of death classified to the "World Health Organization International Statistical Classification of Disease and Related Health Problems" (ICD) (See the "Survey description" section for further information about this variable).
- Province or territory of occurrence of death
- Place of accident (for most non-transport accidental deaths)
- Autopsy (whether one was held, and if so, whether the results of it were taken into account in establishing the cause of death)

All provinces and territories supply microfilm copies or optical images of death registration forms to Statistics Canada. In addition, Prince Edward Island, Nova Scotia, New Brunswick, Quebec, Ontario and the Western provinces supply machine-readable abstracts of registrations, which contain the required standard information. For Newfoundland and Labrador, and the territories, the required standard information on microfilm is converted to machine-readable format at Statistics Canada. Subsequent changes to registrations due to errors or omissions are transmitted to Statistics Canada as the information becomes available. However, changes received after a cut-off date are not reflected in published tabulations.

Error detection

Provinces and territories that supply machine-readable data carry out edits (presence of the data, validation of code ranges, and data consistency) before transmitting their data, based on standard edit specifications prepared by Statistics Canada. Health Statistics Division has actively promoted the use of a standard data dictionary and standard correlation edits for provincial/territorial data entry. More extensive edit routines are applied to the data by Statistics Canada to ascertain the completeness and quality of the data. For 2000, about 9% of the records were assessed for follow-up action either by referring to the microfilmed registrations or optical images or by consulting with the registries. After the preparation of a preliminary data file, verification tables are prepared for data review by the registries and Statistics Canada (for example, distributions, large changes, percentage and number of unknowns, outliers, changes in the relative composition).

The last comprehensive study of the quality of data capture and data coding was done in 1981, when error rates for most variables were found to be quite low. Since then, studies have been completed on an irregular basis for specific provinces. The most recent study was done in 2002 on the 2000 Prince Edward Island death data following their development of a new data capture system. A systematic random sample of records was drawn, and the Prince Edward Island capture was compared with the microfilmed documents. Inconsistencies were documented, and a report was sent to the Prince Edward Island Vital Statistics Registrar. Overall, the error rate was zero for most of the important statistical variables (sex of decedent, place of birth) and very low for others (date of birth, age). Issues being discussed include: the handling of amendments, consistency of reporting the name of the spouse, the proper reporting of place of injury information, consideration of recapture and 100% verification of certain variables, and earlier detection of errors.

With Prince Edward Island adopting their own data capture, the only death data regularly captured at Statistics Canada are from Newfoundland and Labrador, the three territories, and any late records. Operations and Integration Division maintains data capture quality controls such as 100% verification for new clerks, and sample batch re-capture for experienced clerks to maintain an error rate of less than 3%.

Imputation

Imputation is done on missing sex of decedent for tabulations in publications only. This affects fewer than 5 records annually.

Quality evaluation

Upon completion of the annual national death data base (produced as described in the section Error Detection above), Statistics Canada carries out a series of quality checks that include:

1. producing a set of verification tables which consist of basic tabulations for the majority of variables in the data base by province or territory of occurrence;
2. sending the verification tables to each provincial/territorial registrar of vital statistics for their review and approval that Statistics Canada and the registry obtain the same results;

3. checking for internal consistencies, for example, running frequencies and looking for outliers on certain data elements; and
4. comparing the most recent data year with past data years to detect any unusual or unexpected changes.

Comparisons of tabulated data are made with vital statistics data published by the provinces and territories, where available. After Statistics Canada creates the publication data file, the availability of death statistics is announced in *The Daily*.

Disclosure control

Statistics Canada is prohibited by law from releasing any data which would divulge information obtained under the *Statistics Act* that relates to any identifiable person, business or organization without the prior knowledge or the consent in writing of that person, business or organization. Various confidentiality rules are applied to all data that are released or published to prevent the publication or disclosure of any information deemed confidential. If necessary, data are suppressed to prevent direct or residual disclosure of identifiable data.

Data accuracy

Coverage

Since the registration of deaths is a legal requirement in each Canadian province and territory, reporting is virtually complete. Under-coverage is thought to be minimal, but is being monitored. Under-coverage may occur because of late registration, but this is much less common than in birth registration. Death registration is necessary for the legal burial or disposal of a body, as well as for settling estate matters, so there is a strong incentive for relatives or officials to complete a registration in a timely manner. Some deaths are registered by local authorities, but the paperwork is not forwarded to provincial or territorial registrars before a cut-off date. These cases for 1996 represent approximately 400 deaths, 6 years after the year of death (accumulated late records), or two-tenths of one percent of the total records.

Other late or missing registrations may occur with unidentified bodies, or for Canadians who die outside of Canada. By long-standing practice, the date of death for unidentified remains is defined as the date of discovery. These deaths of unidentified persons typically represent less than ten cases per year. For out-of-country deaths, only deaths in the United States are regularly reported to Statistics Canada, and of these, Statistics Canada receives abstracted death records from approximately 20 American states. Recent correspondence with the National Center for Health Statistics (NCHS) in the United States reveals that in 2000 there were 635 deaths of Canadian residents in the United States, compared with 280 death records received by Statistics Canada via the state registrars. Analysts from Health Statistics Division are working with provincial, territorial, and state registrars to increase the inter-jurisdictional exchanges of records for statistical and administrative purposes.

Under-coverage is also present for deaths of serving members of the Canadian military. Deaths of Canadians who died overseas while serving in the Armed Forces are not included in the Statistics Canada databases because they are not registered by the provinces and territories. Analysts from Health Statistics Division are working with officials from the Department of National Defence to develop a death registration form for that department, based upon the model form developed by the Vital Statistics Council for Canada.

Over-coverage is minimal. Deaths of non-residents of Canada are registered but are excluded from most tabulations. Duplicate death registrations are identified as part of the regular processing operations on each provincial and territorial subset, as well as by additional inter-provincial checks. Possible duplicate registrations are verified against microfilmed registrations or optical images, or by consulting with the provinces and territories.

Response rates

Item response

For 1997 to 2000, the response rates were 99% to 100% for most of the demographic variables on the death database (age, sex, province and census division of residence). The birthplace of deceased and marital status have response rates around 95% to 97% nationally, but the response is 100% outside of Québec. Underlying cause of death response rates have generally risen over this period: 97.7% in 1997 data, 98.9% in 1998, 99.4% in 1999 and 99.3% in 2000, while name and date of birth were at 100%. The reporting of postal codes has improved: 69% of deaths in 1997, 76% in 1998, and 89% in 1998 to 2000. The birthplace of the decedent's mother and father remain poorly reported, at only 35% of deaths nationally. Both Québec and Ontario collect the information on the registration forms, but do not include the variable in the electronic files forwarded to Statistics Canada.

Other accuracy issues

Age at death of persons over 100 years old

The demographers Bourbeau and Lebel have compared Canadian mortality and census data with other countries, and determined that the number of centenarians appears quite high in relation to other industrialized countries. In the absence of civil registration in Canada before 1921 and high levels of immigration to Canada, it is difficult to determine if the number of persons aged 100 and older is overestimated. On the death file, age and date of birth outliers are annually reviewed for capture errors. Where possible, obituaries are found for the oldest of the old. Reconciliation with other data sources is difficult, especially in the case of immigrants. Where birth certificates are unavailable, the overestimated age may have been used consistently on other documents such as health care registration, income tax, and census.

Cause of death certification

There are two stages in the determination of an underlying cause of death: certification done by the certifier and classification (coding) done by a medical coder. When a person dies, the medical doctor in attendance, or the coroner, medical examiner or other certifier, completes the medical certificate of death. The certificate consists of several sections eliciting the direct cause of death, antecedent causes, other significant conditions, manner of death (for example, natural, accidental, suicide, homicide), and further information on injuries. Quality studies done on the certification have shown that approximately one-third of certificates contain major errors. Most of the errors (about 85%) involve the use of non-specific conditions such as "stroke" or "heart failure". Approximately 10% of the errors involve illogical sequences of conditions entered on the line items. Some of these can be resolved during coding, where the classification rules pinpoint illogical sequences. The remaining 5% involve competing causes. Proper training of certifiers, however, can greatly reduce these errors. Statistics Canada is working with the provincial and territorial registrars on two projects to improve quality: a one-half day workshop suitable for continuing medical education credit, and an on-line tutorial.

Vital Statistics — Birth Database

Survey description

This is an administrative survey that collects demographic information annually from all provincial and territorial vital statistics registries on all live births in Canada. Some data are also collected on live births to Canadian residents in selected American states.

The data are used to calculate basic indicators (such as counts and rates) on births of residents of Canada. Information from this database is also used in the calculation of statistics, such as age-specific fertility rates.

For Canada as a whole, it was impossible to compile a satisfactory series of vital statistics prior to 1921. Eight provinces initially joined the cooperative Canadian vital statistics system, leading to the publication of the first annual report for Canada in 1921; that report included Prince Edward Island, Nova Scotia, New Brunswick, Ontario, Manitoba, Saskatchewan, Alberta and British Columbia. Quebec began to participate in 1926 and Newfoundland in 1949 (after joining Confederation) and their data were included in the tabulations from those years onward. Basic data from the Yukon and Northwest Territories were published as appendices to the national tables from 1924 to 1955; their data were first included in the regular tabulations in 1956. Nunavut came into being officially as a Territory of Canada on April 1, 1999. The name Northwest Territories applies to a Territory with different geographic boundaries before and after April 1, 1999.

Prior to 1944 all vital events were classified by place of occurrence. Since 1944, births, stillbirths, and deaths have been classified by area of reported residence, with births and stillbirths according to the residence of the mother.

Data sources and methodology

Survey population

The conceptual universe of the Birth database is births to Canadian resident women anywhere in the world. The target population of the Birth database is births to Canadian resident women in Canada and to Canadian resident women in American states. The actual (survey) population of the Birth database is births to Canadian resident women and non-resident women in Canada, and births to Canadian resident women in some American states.

Sampling

This survey is a census with a cross-sectional design.

Collection

Responding to this survey is mandatory. Data are extracted from administrative files.

Provincial and territorial Vital Statistics Acts (or equivalent legislation) render compulsory the registration of all live births, stillbirths, deaths and marriages within their jurisdictions. These Acts follow, as closely as possible, a Model Vital Statistics Act that was developed to promote uniformity of legislation and reporting practices among the provinces and territories.

The Canadian Vital Statistics system operates under an agreement between the Government of Canada and governments of the provinces and territories. The Vital Statistics Council for Canada, an advisory committee set up by an Order-in-Council, oversees policy and operational matters. All provincial and territorial jurisdictions and

Statistics Canada are represented on the Vital Statistics Council. Under the agreement, all registrars collect a specified set of data elements, although any of them may decide to collect additional information.

The main form for the registration of a live birth is completed by the parents, who are responsible for filing it with the local registrar. Most provinces also require physicians (or other birth attendants) to report all births.

The central Vital Statistics Registry in each province and territory provides data from birth registrations to Statistics Canada. The following statistical data items are reported for each birth by all provinces and territories for inclusion in the Canadian Vital Statistics system:

- Date and place of birth
- Child's sex, birth weight and gestational age
- Parents' age, marital status and birthplace
- Mother's place of residence
- Type of birth (single or multiple)
- Parity

All provinces and territories supply microfilm copies or optical images of registration forms to Statistics Canada. In addition, Newfoundland and Labrador, Prince Edward Island, Nova Scotia, New Brunswick, Quebec, Ontario and the Western provinces supply machine-readable abstracts of registrations, which contain the required standard information. For the territories, the required standard information on microfilm is converted to machine-readable format at Statistics Canada. Subsequent changes to registrations due to errors or omissions are transmitted to Statistics Canada as the information becomes available. However, changes received after a cut-off date are not reflected in published tabulations.

Error detection

Provinces and territories that supply machine-readable data conduct edits (presence of the data, validation of code ranges, and data consistency) before transmitting their data, based on standard edit specifications prepared by Statistics Canada. Health Statistics Division has actively promoted the use of a standard data dictionary and standard correlation edits for provincial/territorial data entry. More extensive edit routines are applied to the data by Statistics Canada to ascertain the completeness and quality of the data. For 2000, about 8% of the records were assessed for follow-up action either by referring to the microfilmed registrations or optical images or by consulting with the registries. After the preparation of a preliminary data file, verification tables are prepared for data review by the registries and Statistics Canada (for example, distributions, large changes, percentage and number of unknowns, outliers, changes in the relative composition).

The last comprehensive study of the quality of data capture and data coding was done in 1981, when error rates for most variables were found to be quite low. Since then, studies have been completed on an irregular basis for specific provinces. The most recent study was done in 2002 on the 2000 Prince Edward Island birth data following their development of a new data capture system. A systematic random sample of records was drawn, and the Prince Edward Island capture was compared with the microfilmed documents. Inconsistencies were documented, and a report was sent to the Prince Edward Island Vital Statistics Registrar. Overall, the error rate was zero for most of the important statistical variables (sex of child, age of mother, total number of children, multiple birth indicators). Issues being discussed include: the handling of amendments, consistency of reporting birth weight in metric units, consideration of recapture and 100% verification of certain variables, and earlier detection of errors.

With Prince Edward Island adopting their own data capture, the only birth data regularly captured at Statistics Canada are the data from the three territories, and any late records. Operations and Integration Division maintains data capture quality controls such as 100% verification for new clerks, and sample batch re-capture for experienced clerks to maintain an error rate of less than 3%.

Imputation

Imputation is done on missing sex of child for tabulations in publications only. Sex is assigned based on the last digit of the registration number. This usually affects no more than 5 records annually (except for 1996 when there were 125 records with imputed sex of child and in 1998 when there were 77).

Quality evaluation

Upon completion of the annual national birth data base (produced as described in the section Error Detection above), Statistics Canada carries out a series of quality checks that include:

1. producing a set of verification tables which consist of basic tabulations for the majority of variables in the data base by province or territory of occurrence;
2. sending the verification tables to each provincial/territorial registrar of vital statistics for their review and approval that Statistics Canada and the registry obtain the same results;
3. checking for internal consistencies, for example, running frequencies and looking for outliers on certain data elements; and
4. comparing the most recent data year with past data years to detect any unusual or unexpected changes.

Comparisons of tabulated data are made with vital statistics data published by the provinces and territories, where available. After Statistics Canada creates the publication data file, the availability of birth statistics is announced in *The Daily*.

Disclosure control

Statistics Canada is prohibited by law from releasing any data which would divulge information obtained under the *Statistics Act* that relates to any identifiable person, business or organization without the prior knowledge or the consent in writing of that person, business or organization. Various confidentiality rules are applied to all data that are released or published to prevent the publication or disclosure of any information deemed confidential. If necessary, data are suppressed to prevent direct or residual disclosure of identifiable data.

Data accuracy

Coverage

Since the registration of births is a legal requirement in each Canadian province and territory, reporting is virtually complete. Under-coverage is thought to be minimal, but is being monitored. Under-coverage may occur because of late registration, which, if not completed soon after birth, is needed for school registration. Statistics Canada does receive late registrations (typically 1,000 to 1,500 cases, five years after the year of the event), and consideration is currently being given to including late registrations and late amendments on the data file for subsequent publication. Incomplete registration is also a source of under-coverage. For example, some provinces require that a notarized statement be completed when a mother declines to name the father on the application for birth registration. Until the statement is notarized, the application is not registered.

Out-of-country births are incompletely reported. There is no reporting of births to Canadian resident women occurring in countries other than the United States; although there is a reciprocal agreement with the U.S., some states may not report births to Canadian resident women occurring in their state.

Non-registration is minimal, except in Ontario where provincial health officials have noted a rise in the number of physician notices of birth that do not have a matching registration from the parents. This may represent up to 4,000 births in 2000, or 3% of all Ontario births, but is probably less because of duplicate or late registrations

being included in this total. This is apparent especially in districts of Ontario that charge a service fee for birth registration (for example, the City of Ottawa charged a \$30 service fee in 2003 to register a birth), and for infants who die within days of the birth (25% of Ontario infant deaths do not have a matching birth registration). These quality concerns have been discussed several times with the Ontario Office of the Registrar General (ORG). Labour disruptions and backlogs have limited ORG resources available for follow-up. For missing birth registrations for infant deaths, it is recognized that collection of these data from the grieving families is difficult.

Over-coverage is minimal. Births to non-resident women in Canada are registered but are excluded from most tabulations. Duplicate birth registrations are identified as part of the regular processing operations on each provincial and territorial subset, as well as additional inter-provincial checks, and comparisons between the birth and stillbirth databases for multiple births. Possible duplicate registrations are checked against microfilmed registrations or optical images, or by consulting with the provinces and territories.

Response rates

Item response

For 1997 to 2000, the response rates were 98% to 100% for most variables on the Birth database, except for mother's marital status, father's age, and birthplace where the response rates were 90% to 95%. One notable exception is that data on the dates of birth of the mother and the father are not supplied to Statistics Canada by the Province of Ontario; however, the age of each parent is provided by that province. As part of security improvements done after the September 11, 2001 terrorist attacks, the Ontario Office of the Registrar General has decided to capture these variables. Date of birth data for each parent is expected to be transmitted to Statistics Canada from Ontario starting with the 2003 data.

Other accuracy issues

Ontario birth weights and gestation data

In the development of the Canadian Perinatal Surveillance System, problems with Ontario Birth data had been noted related to the truncation of birth weights. Working with the Ontario Office of the Registrar General, the issues of truncation of birth weight, and the consistent editing of weight and gestation data (from the physician's notice of birth as opposed to the parent's registration) have been resolved. The data continue to be monitored on an ongoing basis.

Low birth weight/low gestation data

Analysts in Health Statistics Division continue to monitor developments in the field of assisted reproductive technology and medical technology as they relate to the reporting of extremely low birth weight and/or low gestation babies. There is some inconsistency in the practice of registering these babies, even though there is a legal requirement to do so. Statistically, this problem has resulted in alternative indicators for infant mortality being calculated, where the denominator is composed of live births weighing 500 g or more.

Estimates of population by age and sex for Canada, the Provinces and the Territories

Survey description

This estimates program is used in the calculation of demographic, social and economic indicators (fertility rates, mortality rates, nuptiality rates, divorce rates, unemployment rates, school enrolment rates, etc.) in which the population, or a part thereof, serves as the denominator. These data are used in calculation of weights for use in Statistics Canada's Surveys (Labour Force Survey, Household Facilities and Equipment Survey, General Social Survey, Survey of Labour and Income Dynamics, etc.). They are also used in the determination of the annual level of immigration by the Government of Canada. In addition, the data helps in the preparation of population projections by Statistics Canada, where estimates of population by age and sex are used as the base population. Estimated population counts play a vital role under the *Federal-Provincial Fiscal Arrangements and Federal Post-Secondary Education and Health Contributions Act* and the *Canada Student Loans Act* in determining the amounts of federal-provincial/territorial transfers.

Data sources and methodology

Sampling

This survey is a census.

Collection

Data are extracted from administrative files and derived from other surveys.

Postcensal estimates are obtained by the component method, using the most recent census of population (Survey 3901) adjusted to July 1 and for net census undercount as the base population. For example, to estimate the population as of July 1, 2003, demographic events experienced by each cohort since the 2001 Census have been taken into account. To the base population count, births, immigrants and net change of non-permanent residents have been added, and deaths and total emigrants were subtracted. It is also necessary to add the interprovincial net migration. This produces a postcensal estimate of total population as July 1, 2003. The components of population change are estimated on the basis of data gleaned from various sources.

Estimation

Demographic estimates can be categorised as either intercensal or postcensal. Intercensal estimates correspond to estimates between censuses, whereas postcensal estimates correspond to non-census years after the most recent census. In producing up-to-date figures, postcensal estimates are obviously more timely (as there is no need to wait until the release of the next census), albeit less accurate. The production of intercensal estimates involves the retrospective adjustment of past figures with the availability of new census data. Postcensal estimates are obtained by adding the number of births, subtracting the number of deaths and by adding or subtracting the net impact of international and internal migration on the most recent census population adjusted for census coverage error (that is, both census undercount and census overcount). The inclusion of non-permanent residents in the target population dictates that net change in the size of this subpopulation in Canada be added or subtracted from the base period. Estimates of population are first produced for each province and territory, and then summed to obtain an estimate of the population of Canada. Postcensal estimates of population by age and sex are produced following essentially the same approach as that of total population but applied to each age and sex cohort in the population. For more

detailed information regarding population estimation methods, see Population and Family Estimation Methods at Statistics Canada, Demography Division, catalogue no. 91-528-X.

Disclosure control

Statistics Canada is prohibited by law from releasing any data which would divulge information obtained under the *Statistics Act* that relates to any identifiable person, business or organization without the prior knowledge or the consent in writing of that person, business or organization. Various confidentiality rules are applied to all data that are released or published to prevent the publication or disclosure of any information deemed confidential. If necessary, data are suppressed to prevent direct or residual disclosure of identifiable data.

Revisions and seasonal adjustments

Data are revised once a year and after each Census, postcensal estimates are revised to produce intercensal estimates.

Data accuracy

The estimates of population by age and sex contain certain inaccuracies stemming from (1) errors in corrections for net census undercoverage and (2) imperfections in other data sources and the methods used to estimate the components. Errors due to estimation methodologies and data sources other than censuses are difficult to quantify but not insignificant. The more detailed the breakdown of the data, the larger the inaccuracy coefficient becomes. The component totals contain a certain amount of initial error, and the methodology used to classify them by sex and age, produces additional error in the figures at each stage. Nevertheless, the components can be divided into two categories according to the quality of their data sources: births, deaths, immigration, for which the sources of final data may be considered very good; total emigration, non-permanent residents and interprovincial migration for which the methods used may be a more substantial source of error. Lastly, the size of the error due to component estimation may vary by province, sex, and age and errors in some components (births and total emigration) may have a greater impact on a given age group or sex. Intercensal estimates contain the same types of errors as postcensal estimates, as well as errors resulting from the way in which the errors present at the end of the period were distributed, that is, on the basis of the time elapsed since the reference Census.

Explanatory notes for the tables

Table 1 Deaths by selected grouped causes, sex and geography

Data sources: Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates)

Death refers to the permanent disappearance of all evidence of life at any time after a live birth has taken place. Stillbirths are excluded.

The geographic distribution of deaths in this table is based on the deceased's usual place of residence.

Counts in this table exclude deaths of non-residents of Canada.

Missing data on sex of the deceased were imputed based on death registration number.

The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.

World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)

National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.

Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.

All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.

Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.

Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).

Table 2 Deaths by selected grouped causes, age group at time of death and sex, Canada

Data sources: Statistics Canada, Canadian Vital Statistics, Birth and Death Databases and Demography Division (population estimates)

Death refers to the permanent disappearance of all evidence of life at any time after a live birth has taken place. Stillbirths are excluded.

The geographic distribution of deaths in this table is based on the deceased's usual place of residence.

Counts in this table exclude deaths of non-residents of Canada.

Missing data on sex of the deceased were imputed based on death registration number.

Age attained at the last birthday preceding death.

For "Age at time of death, all ages", the mortality rate represents the crude death rate or the number of deaths during a given year per 100,000 population as of July 1 of the same year.

For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.

For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.

For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.

The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.

World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)

National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.

Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.

All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.

Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.

Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

The population estimates used for the 2003 mortality rate calculations are July 1, 2003 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2004" (catalogue number 91-213-XIB/XPB).

Appendix I

Summary list of causes of death

Text table 1

Causes of death for tabulating mortality statistics, "B" list, ICD-10 names and codes

Causes of death	ICD-10 codes
Total, all causes of death	A00-Y89
Salmonella infections	A01-A02
Shigellosis and amoebiasis	A03, A06
Certain other intestinal infections	A04, A07-A09
Tuberculosis	A16-A19
Respiratory tuberculosis	A16
Other tuberculosis	A17-A19
Whooping cough	A37
Scarlet fever and erysipelas	A38, A46
Meningococcal infection	A39
Septicaemia	A40-A41
Syphilis	A50-A53
Acute poliomyelitis	A80
Arthropod-borne viral encephalitis	A83-A84, A85.2
Measles	B05
Viral hepatitis	B15-B19
Human immunodeficiency virus [HIV] disease	B20-B24
Malaria	B50-B54
Other and unspecified infectious and parasitic diseases and their sequelae	A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99
Malignant neoplasms	C00-C97
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14
Malignant neoplasm of oesophagus	C15
Malignant neoplasm of stomach	C16
Malignant neoplasms of colon, rectum and anus	C18-C21
Malignant neoplasm of liver and intrahepatic bile ducts	C22
Malignant neoplasm of pancreas	C25
Malignant neoplasm of larynx	C32
Malignant neoplasms of trachea, bronchus and lung	C33-C34
Malignant melanoma of skin	C43
Malignant neoplasm of breast	C50
Malignant neoplasm of cervix uteri	C53
Malignant neoplasms of corpus uteri and uterus, part unspecified	C54-C55
Malignant neoplasm of ovary	C56
Malignant neoplasm of prostate	C61
Malignant neoplasms of kidney and renal pelvis	C64-C65
Malignant neoplasm of bladder	C67
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72
Malignant neoplasms of lymphoid, haematopoietic and related tissue	C81-C96
Hodgkin's disease	C81
Non-Hodgkin's lymphoma	C82-C85
Leukaemia	C91-C95
Multiple myeloma and immunoproliferative neoplasms	C88, C90
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue	C96
All other and unspecified malignant neoplasms	C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour	D00-D48
Anaemias	D50-D64
Diabetes mellitus	E10-E14
Nutritional deficiencies	E40-E64
Malnutrition	E40-E46
Other nutritional deficiencies	E50-E64
Meningitis	G00, G03
Parkinson's disease	G20-G21
Alzheimer's disease	G30

Text table 1 – continued

Causes of death for tabulating mortality statistics, "B" list, ICD-10 names and codes

Causes of death	ICD-10 codes
Major cardiovascular diseases	I00-I78
Diseases of heart	I00-I09, I11, I13, I20-I51
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09
Hypertensive heart disease	I11
Hypertensive heart and renal disease	I13
Ischaemic heart diseases	I20-I25
Acute myocardial infarction	I21-I22
Other acute ischaemic heart diseases	I24
Other forms of chronic ischaemic heart disease	I20, I25
Atherosclerotic cardiovascular disease, so described	I25.0
All other forms of chronic ischaemic heart disease	I20, I25.1-I25.9
Other heart diseases	I26-I51
Acute and subacute endocarditis	I33
Diseases of pericardium and acute myocarditis	I30-I31, I40
Heart failure	I50
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51
Essential (primary) hypertension and hypertensive renal disease	I10, I12
Cerebrovascular diseases	I60-I69
Atherosclerosis	I70
Other diseases of circulatory system	I71-I78
Aortic aneurysm and dissection	I71
Other diseases of arteries, arterioles and capillaries	I72-I78
Other disorders of circulatory system	I80-I99
Influenza and pneumonia	J10-J18
Influenza	J10-J11
Pneumonia	J12-J18
Other acute lower respiratory infections	J20-J22
Acute bronchitis and bronchiolitis	J20-J21
Unspecified acute lower respiratory infection	J22
Chronic lower respiratory diseases	J40-J47
Bronchitis, chronic and unspecified	J40-J42
Emphysema	J43
Asthma	J45-J46
Other chronic lower respiratory diseases	J44, J47
Pneumoconioses and chemical effects	J60-J66, J68
Pneumonitis due to solids and liquids	J69
Other diseases of respiratory system	J00-J06, J30-J39, J67, J70-J98
Peptic ulcer	K25-K28
Diseases of appendix	K35-K38
Hernia	K40-K46
Chronic liver disease and cirrhosis	K70, K73-K74
Alcoholic liver disease	K70
Other chronic liver disease and cirrhosis	K73-K74
Cholelithiasis and other disorders of gallbladder	K80-K82
Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05-N07, N26
Renal failure	N17-N19
Other disorders of kidney	N25, N27
Infections of kidney	N10-N12, N13.6, N15.1
Hyperplasia of prostate	N40
Inflammatory diseases of female pelvic organs	N70-N76
Pregnancy, childbirth and the puerperium	O00-O99
Pregnancy with abortive outcome	O00-O07
Other complications of pregnancy, childbirth and the puerperium	O10-O99
Certain conditions originating in the perinatal period	P00-P96
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99
All other diseases (residual)	D65-E07, E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98, U04
Accidents (unintentional injuries)	V01-X59, Y85-Y86
Transport accidents	V01-V99, Y85
Motor vehicle accidents	V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2
Other land transport accidents	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9
Water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85

Text table 1 – continued

Causes of death for tabulating mortality statistics, "B" list, ICD-10 names and codes

Causes of death	ICD-10 codes
Nontransport accidents	W00-X59, Y86
Falls	W00-W19
Accidental discharge of firearms	W32-W34
Accidental drowning and submersion	W65-W74
Accidental exposure to smoke, fire and flames	X00-X09
Accidental poisoning and exposure to noxious substances	X40-X49
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86
Intentional self-harm (suicide)	X60-X84, Y87.0
Intentional self-harm (suicide) by discharge of firearms	X72-X74
Intentional self-harm (suicide) by other and unspecified means and their sequelae	X60-X71, X75-X84, Y87.0
Assault (homicide)	X85-Y09, Y87.1
Assault (homicide) by discharge of firearms	X93-X95
Assault (homicide) by other and unspecified means and their sequelae	X85-X92, X96-Y09, Y87.1
Legal intervention	Y35, Y89.0
Events of undetermined intent	Y10-Y34, Y87.2, Y89.9
Discharge of firearms, undetermined intent	Y22-Y24
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25-Y34, Y87.2, Y89.9
Operations of war and their sequelae	Y36, Y89.1
Complications of medical and surgical care	Y40-Y84, Y88

Note: World Health Organization (WHO), *International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)*

Source: National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.