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# Mortality, Summary List of Causes

2002



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# Mortality, Summary List of Causes

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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

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## 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
- 0s 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

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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 2002 issue

This issue of the annual HTML/PDF publication contains tables for data year 2002 with the corresponding highlights and analysis. The issue for data year 2003 will be released in a few weeks.

## 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

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- Life expectancy at birth increased only for men in 2002, according to new mortality data. This narrowed the life expectancy between men and women to just 4.9 years.
- Men who were born in 2002 could expect to live to the record high age of 77.2, up 0.2 years from 2001. On the other hand, the life expectancy of women at birth remained unchanged at 82.1 years. Life expectancy at birth for both sexes combined reached 79.7 years in 2002—up 0.1 years from 2001 and entirely a result of the gain among men.
- Life expectancy at the age of 65 improved only for men in 2002. Their life expectancy rose 0.1 years, while senior women saw no gain. At age 65, life expectancy for women exceeds that for men by 3.4 years.
- The infant mortality rate, that is, deaths in the first year of life, increased in 2002 to 5.4 deaths for every 1,000 live births, up from 5.2 in 2001. The entire increase resulted from female infant mortality.
- The increase in the infant mortality rate was entirely due to the deaths of infants under one day old. The death rate of these newborns increased to 2.5 per 1,000 live births in 2002, from 2.3 the year before.
- The number of deaths in Canada rose 1.9% in 2002, continuing a long-term upward trend. A total of 223,603 people died, up from 219,538 the previous year.
- The age-standardized mortality rate, which controls for the impact of population aging, rose among women for the first time in nine years in 2002. The rate reached 485.7 deaths per 100,000 population.
- More than 74,600 deaths, or one-third of the total in 2002, were due to diseases of the circulatory system. Malignant neoplasms (cancers) accounted for 29% or 65,103 deaths. Combined, diseases of the circulatory system and cancer were responsible for almost two-thirds of deaths. This proportion has remained relatively unchanged for several years.
- More than 7,800 deaths were due to diabetes mellitus in Canada in 2002, a dramatic 10.9% increase over 2001. This followed a large 5.7% increase between 2000 and 2001. Deaths due to diabetes, which have increased in 8 of the last 10 years, were 75.8% higher than they were in 1992.



## Analysis

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Life expectancy at birth increased only for men in 2002, according to new mortality data. This narrowed the life expectancy between men and women to just 4.9 years.

Men who were born in 2002 could expect to live to the record high age of 77.2, up 0.2 years from 2001. On the other hand, the life expectancy of women at birth remained unchanged at 82.1 years. Life expectancy at birth for both sexes combined reached 79.7 years in 2002—up 0.1 years from 2001 and entirely a result of the gain among men.

Between 1979 and 2002, life expectancy for men improved by 5.8 years while that of women improved by 3.3 years.

### Life expectancy rising among seniors

Life expectancy at the age of 65 improved only for men in 2002. Their life expectancy rose 0.1 years, while senior women saw no gain. At age 65, life expectancy for women exceeds that for men by 3.4 years.

Based on 2002 mortality rates, Canadian men at the age of 65 could expect to live on average an additional 17.2 years. On the other hand, their female counterparts could expect to live an additional 20.6 years on average.

For both sexes combined, the remaining life span after age 65 would be 19.1 years.

Since 1979, life expectancy among men at 65 has increased by 2.6 years, while that of women has increased by 1.6 years.

### Infant mortality rate

The infant mortality rate, that is, deaths in the first year of life, increased in 2002 to 5.4 deaths for every 1,000 live births, up from 5.2 in 2001. The entire increase resulted from female infant mortality.

The female infant mortality rate increased to 4.9 deaths per 1,000 live births from 4.6 in 2001. The male infant mortality rate remained at 5.8.

The increase in the infant mortality rate was entirely due to the deaths of infants under one day old. The death rate of these newborns increased to 2.5 per 1,000 live births in 2002, from 2.3 the year before.

The increase in the infant mortality rate was especially pronounced in Alberta, where the rate rose to 7.3 deaths per 1,000 live births from 5.6. Following a period of steady decline (to 4.8 infant deaths per 1,000 live births in both 1997 and 1998), Alberta infant mortality has risen in three of the last four years. Both the number and the rate of infant deaths in 2002 reached levels not seen since 1994.

Most of the increase in the Alberta infant mortality rate was due to the deaths of infants under one day old. Their mortality rate climbed to 3.5 deaths per 1,000 live births, up from 2.3 in 2001.

Low-birth weight and pre-term births have been found by researchers to put infants at higher risk of death. Birth data for Alberta from 1979 to 2002 show the province has had consistently higher proportions of both low-birth weight births and of pre-term births than Canada as a whole.

In 2002, 8.6% of Alberta newborns were pre-term, that is, under 37 weeks' gestation. In Canada, 7.5% of newborns were pre-term. In Alberta, 6.5% were low-birth weight, or under 2,500 grams compared with 5.7% of newborns in Canada.

### **Number of deaths up**

The number of deaths in Canada rose 1.9% in 2002, continuing a long-term upward trend. A total of 223,603 people died, up from 219,538 the previous year.

The number of deaths increased in every province and territory. Increases were above the national level in Prince Edward Island, Quebec, Saskatchewan, Alberta, British Columbia, and the three territories.

### **Age-standardized mortality rate increases for women**

The age-standardized mortality rate, which controls for the impact of population aging, rose among women for the first time in nine years in 2002. The rate reached 485.7 deaths per 100,000 population.

This rate had been dropping consistently each year since its last peak of 540.2 in 1993. The age-standardized mortality rate for men continued to decline in 2002, falling to 747.8 deaths per 100,000. This was down from the most recent peak of 902.1 in 1993.

A total of 110,337 women died in 2002, up 2.6% from the previous year. The number of men who died rose 1.1% to 113,266.

The ratio of male-to-female deaths has almost reached equality. Just over one-half (51%) of those who died in 2002 were men. Three decades earlier, in 1972, men accounted for 58% of deaths and women 42%.

Men were much more likely than women to have had a spouse at the time of their death.

Almost 56% of men who died in 2002 were married at the time of their death, twice the proportion of women (27%). However, 54% of women were widows compared with only 18% of men who were widowers.

### **One-third of deaths due to diseases of the circulatory system**

More than 74,600 deaths, or one-third of the total in 2002, were due to diseases of the circulatory system. Malignant neoplasms (cancers) accounted for 29% or 65,103 deaths. Combined, diseases of the circulatory system and cancer were responsible for almost two-thirds of deaths. This proportion has remained relatively unchanged for several years.

Deaths due to diseases of the circulatory system have been decreasing for several years. In 2002, they fell a further 0.3%.

The number of deaths due to cancer increased 2.1%, also continuing a long-term trend. However, the age-standardized mortality rate for cancers dropped further in 2002 to 178.2 per 100,000 population. This rate peaked at 196.8 in 1988.

### **Large increases in deaths due to diabetes**

More than 7,800 deaths were due to diabetes mellitus in Canada in 2002, a dramatic 10.9% increase over 2001. This followed a large 5.7% increase between 2000 and 2001. Deaths due to diabetes, which have increased in 8 of the last 10 years, were 75.8% higher than they were in 1992.

Results from both the National Population Health Survey and Canadian Community Health Survey show an increase (from 3.0% in 1994/95 to 4.6% in 2003) in the proportion of the Canadian population aged 12 and over reporting diabetes as a chronic condition.

Age-standardized mortality rates for diabetes rose to 20.9 per 100,000 population in 2002, up from 18.9 in 2000 and 19.3 in 2001.

**Cancer deaths mainly in four locations**

One-half of cancer deaths were due to malignant neoplasms in one of four sites: lung, colorectal, female breast and male prostate.

Colorectal cancer was responsible for the deaths of 7,023 people in 2002, up 5.9% from 2001. Age-standardized mortality rates for colorectal cancer were up for both men and women.

Prostate cancer resulted in 3,708 male deaths in 2002, down 3.1% from 2001. The age-standardized mortality rate for prostate cancer fell to 25.2 deaths per 100,000 population from 26.9.

Breast cancer resulted in the deaths of 4,977 women in 2002, a marginal 0.2% increase from 2001. The age-standardized mortality rate for female breast cancer fell in 2002 to 24.4 deaths per 100,000 population from 25.0 a year earlier.

Deaths from lung cancer, as well as age-standardized mortality rates, continued rising for both men and women. A total of 17,188 men and women died from lung cancer in 2002. The age-standardized mortality rate rose to 47.8 deaths per 100,000 population from 47.3.

## Related products

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### Selected publications from Statistics Canada

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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

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### Selected CANSIM tables from Statistics Canada

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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

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### **Selected surveys from Statistics Canada**

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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

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### **Selected tables of Canadian statistics from Statistics Canada**

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- *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

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Table 1-1

Deaths by selected grouped causes, sex and geography — Canada<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89) <sup>3, 4, 5</sup></b>	<b>223,603</b>	<b>113,266</b>	<b>110,337</b>	<b>713.0</b>	<b>729.2</b>	<b>697.0</b>	<b>598.2</b>	<b>747.8</b>	<b>485.7</b>
Salmonella infections (A01-A02)	6	2	4	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)	359	142	217	1.1	0.9	1.4	0.9	1.0	0.9
<b>Tuberculosis (A16-A19)</b>	<b>102</b>	<b>46</b>	<b>56</b>	<b>0.3</b>	<b>0.3</b>	<b>0.4</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>
Respiratory tuberculosis (A16)	80	40	40	0.3	0.3	0.3	0.2	0.3	0.2
Other tuberculosis (A17-A19)	22	6	16	0.1	0.0	0.1	0.1	0.0	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)	19	8	11	0.1	0.1	0.1	0.1	0.1	0.1
Septicaemia (A40-A41)	1,489	693	796	4.7	4.5	5.0	3.9	4.7	3.5
Syphilis (A50-A53)	4	3	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)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	379	236	143	1.2	1.5	0.9	1.0	1.3	0.7
Human immunodeficiency virus [HIV] disease (B20-B24)	405	343	62	1.3	2.2	0.4	1.2	2.0	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 <sup>6</sup>	508	240	268	1.6	1.5	1.7	1.4	1.6	1.2
<b>Malignant neoplasms (C00-C97)</b>	<b>65,103</b>	<b>34,415</b>	<b>30,688</b>	<b>207.6</b>	<b>221.6</b>	<b>193.9</b>	<b>178.2</b>	<b>220.5</b>	<b>149.3</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1,088	755	333	3.5	4.9	2.1	3.0	4.7	1.6
Malignant neoplasm of oesophagus (C15)	1,473	1,081	392	4.7	7.0	2.5	4.1	6.8	1.9
Malignant neoplasm of stomach (C16)	1,904	1,138	766	6.1	7.3	4.8	5.2	7.3	3.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	7,023	3,754	3,269	22.4	24.2	20.7	19.1	24.1	15.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1,431	899	532	4.6	5.8	3.4	3.9	5.6	2.6
Malignant neoplasm of pancreas (C25)	3,202	1,555	1,647	10.2	10.0	10.4	8.7	9.8	7.8
Malignant neoplasm of larynx (C32)	494	405	89	1.6	2.6	0.6	1.4	2.6	0.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	17,188	10,195	6,993	54.8	65.6	44.2	47.8	64.5	35.3
Malignant melanoma of skin (C43)	753	460	293	2.4	3.0	1.9	2.1	2.9	1.5
Malignant neoplasm of breast (C50)	5,017	40	4,977	16.0	0.3	31.4	13.5	0.3	24.4
Malignant neoplasm of cervix uteri (C53)	...	...	362	...	...	2.3	...	...	1.9
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	686	...	...	4.3	...	...	3.3
Malignant neoplasm of ovary (C56)	...	...	1,587	...	...	10.0	...	...	8.0
Malignant neoplasm of prostate (C61)	...	3,708	...	...	23.9	...	...	25.2	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	1,353	840	513	4.3	5.4	3.2	3.7	5.3	2.5
Malignant neoplasm of bladder (C67)	1,525	1,090	435	4.9	7.0	2.7	4.1	7.2	1.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	1,517	865	652	4.8	5.6	4.1	4.3	5.3	3.5
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>5,958</b>	<b>3,260</b>	<b>2,698</b>	<b>19.0</b>	<b>21.0</b>	<b>17.0</b>	<b>16.4</b>	<b>20.9</b>	<b>13.0</b>
Hodgkin's disease (C81)	100	59	41	0.3	0.4	0.3	0.3	0.4	0.2
Non-Hodgkin's lymphoma (C82-C85)	2,530	1,349	1,181	8.1	8.7	7.5	7.0	8.5	5.7
Leukaemia (C91-C95)	2,077	1,201	876	6.6	7.7	5.5	5.7	7.8	4.2
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	1,242	646	596	4.0	4.2	3.8	3.4	4.2	2.8
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	9	5	4	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)	8,834	4,370	4,464	28.2	28.1	28.2	24.0	28.2	21.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	1,488	715	773	4.7	4.6	4.9	4.0	4.8	3.4
Anaemias (D50-D64)	515	208	307	1.6	1.3	1.9	1.3	1.5	1.2
Diabetes mellitus (E10-E14)	7,868	3,951	3,917	25.1	25.4	24.7	20.9	25.8	17.1
<b>Nutritional deficiencies (E40-E64)</b>	<b>239</b>	<b>96</b>	<b>143</b>	<b>0.8</b>	<b>0.6</b>	<b>0.9</b>	<b>0.6</b>	<b>0.7</b>	<b>0.6</b>
Malnutrition (E40-E46)	208	85	123	0.7	0.5	0.8	0.5	0.6	0.5
Other nutritional deficiencies (E50-E64)	31	11	20	0.1	0.1	0.1	0.1	0.1	0.1
Meningitis (G00, G03)	57	35	22	0.2	0.2	0.1	0.2	0.2	0.1
Parkinson's disease (G20-G21)	1,664	886	778	5.3	5.7	4.9	4.3	6.1	3.2
Alzheimer's disease (G30)	5,515	1,684	3,831	17.6	10.8	24.2	13.7	12.0	14.4
<b>Major cardiovascular diseases (I00-I78)</b>	<b>74,209</b>	<b>36,605</b>	<b>37,604</b>	<b>236.6</b>	<b>235.7</b>	<b>237.6</b>	<b>192.1</b>	<b>244.9</b>	<b>151.9</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>53,355</b>	<b>27,548</b>	<b>25,807</b>	<b>170.1</b>	<b>177.4</b>	<b>163.0</b>	<b>138.6</b>	<b>183.1</b>	<b>104.6</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	461	142	319	1.5	0.9	2.0	1.2	0.9	1.5
Hypertensive heart disease (I11)	610	238	372	1.9	1.5	2.4	1.6	1.6	1.5
Hypertensive heart and renal disease (I13)	136	48	88	0.4	0.3	0.6	0.3	0.3	0.3
<b>Ischaemic heart diseases (I20-I25)</b>	<b>40,607</b>	<b>22,100</b>	<b>18,507</b>	<b>129.5</b>	<b>142.3</b>	<b>116.9</b>	<b>105.8</b>	<b>146.0</b>	<b>75.2</b>
Acute myocardial infarction (I21-I22)	18,914	10,714	8,200	60.3	69.0	51.8	49.7	70.0	34.2
Other acute ischaemic heart diseases (I24)	608	342	266	1.9	2.2	1.7	1.6	2.2	1.1

See footnotes at the end of the table.

Table 1-1 – continued

Deaths by selected grouped causes, sex and geography — Canada<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>21,085</b>	<b>11,044</b>	<b>10,041</b>	<b>67.2</b>	<b>71.1</b>	<b>63.4</b>	<b>54.5</b>	<b>73.8</b>	<b>39.9</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	1,256	749	507	4.0	4.8	3.2	3.4	4.8	2.2
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	19,829	10,295	9,534	63.2	66.3	60.2	51.1	68.9	37.8
<b>Other heart diseases (I26-I51)</b>	<b>11,541</b>	<b>5,020</b>	<b>6,521</b>	<b>36.8</b>	<b>32.3</b>	<b>41.2</b>	<b>29.7</b>	<b>34.3</b>	<b>26.1</b>
Acute and subacute endocarditis (I33)	71	44	27	0.2	0.3	0.2	0.2	0.3	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	111	60	51	0.4	0.4	0.3	0.3	0.4	0.3
Heart failure (I50)	4,556	1,802	2,754	14.5	11.6	17.4	11.4	12.9	10.3
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	6,803	3,114	3,689	21.7	20.0	23.3	17.8	20.7	15.4
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1,187	459	728	3.8	3.0	4.6	3.0	3.2	2.8
Cerebrovascular diseases (I60-I69)	15,453	6,390	9,063	49.3	41.1	57.3	39.5	43.7	36.3
Atherosclerosis (I70)	1,244	520	724	4.0	3.3	4.6	3.1	3.7	2.7
<b>Other diseases of circulatory system (I71-I78)</b>	<b>2,970</b>	<b>1,688</b>	<b>1,282</b>	<b>9.5</b>	<b>10.9</b>	<b>8.1</b>	<b>7.9</b>	<b>11.3</b>	<b>5.4</b>
Aortic aneurysm and dissection (I71)	1,919	1,207	712	6.1	7.8	4.5	5.1	8.0	3.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	1,051	481	570	3.4	3.1	3.6	2.7	3.3	2.4
Other disorders of circulatory system (I80-I99)	417	173	244	1.3	1.1	1.5	1.1	1.1	1.1
<b>Influenza and pneumonia (J10-J18)</b>	<b>4,725</b>	<b>2,069</b>	<b>2,656</b>	<b>15.1</b>	<b>13.3</b>	<b>16.8</b>	<b>11.9</b>	<b>14.9</b>	<b>10.2</b>
Influenza (J10-J11)	226	95	131	0.7	0.6	0.8	0.6	0.7	0.5
Pneumonia (J12-J18)	4,499	1,974	2,525	14.3	12.7	16.0	11.3	14.2	9.7
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>94</b>	<b>40</b>	<b>54</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.2</b>	<b>0.3</b>	<b>0.2</b>
Acute bronchitis and bronchiolitis (J20-J21)	62	30	32	0.2	0.2	0.2	0.2	0.2	0.1
Unspecified acute lower respiratory infection (J22)	32	10	22	0.1	0.1	0.1	0.1	0.1	0.1
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>9,877</b>	<b>5,412</b>	<b>4,465</b>	<b>31.5</b>	<b>34.8</b>	<b>28.2</b>	<b>25.9</b>	<b>36.9</b>	<b>19.6</b>
Bronchitis, chronic and unspecified (J40-J42)	166	74	92	0.5	0.5	0.6	0.4	0.5	0.4
Emphysema (J43)	768	435	333	2.4	2.8	2.1	2.1	2.9	1.6
Asthma (J45-J46)	240	76	164	0.8	0.5	1.0	0.6	0.5	0.7
Other chronic lower respiratory diseases (J44, J47)	8,703	4,827	3,876	27.8	31.1	24.5	22.8	33.0	16.9
Pneumoconioses and chemical effects (J60-J66, J68)	53	52	1	0.2	0.3	0.0	0.1	0.3	0.0
Pneumonitis due to solids and liquids (J69)	909	506	403	2.9	3.3	2.5	2.3	3.6	1.6
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2,103	1,137	966	6.7	7.3	6.1	5.6	7.6	4.2
Peptic ulcer (K25-K28)	446	220	226	1.4	1.4	1.4	1.2	1.5	0.9
Diseases of appendix (K35-K38)	38	21	17	0.1	0.1	0.1	0.1	0.1	0.1
Hernia (K40-K46)	221	101	120	0.7	0.7	0.8	0.6	0.7	0.5
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>2,351</b>	<b>1,527</b>	<b>824</b>	<b>7.5</b>	<b>9.8</b>	<b>5.2</b>	<b>6.6</b>	<b>9.1</b>	<b>4.3</b>
Alcoholic liver disease (K70)	1,162	825	337	3.7	5.3	2.1	3.2	4.8	1.8
Other chronic liver disease and cirrhosis (K73-K74)	1,189	702	487	3.8	4.5	3.1	3.3	4.3	2.5
Cholelithiasis and other disorders of gallbladder (K80-K82)	305	146	159	1.0	0.9	1.0	0.8	1.0	0.6
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>3,437</b>	<b>1,724</b>	<b>1,713</b>	<b>11.0</b>	<b>11.1</b>	<b>10.8</b>	<b>8.8</b>	<b>11.9</b>	<b>7.0</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	18	11	7	0.1	0.1	0.0	0.0	0.1	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	46	25	21	0.1	0.2	0.1	0.1	0.2	0.1
Renal failure (N17-N19)	3,369	1,684	1,685	10.7	10.8	10.6	8.6	11.6	6.9
Other disorders of kidney (N25, N27)	4	4	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	98	29	69	0.3	0.2	0.4	0.3	0.2	0.3
Hyperplasia of prostate (N40)	...	50	...	...	0.3	...	...	0.4	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	10	...	...	0.1	...	...	0.0
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>15</b>	<b>...</b>	<b>...</b>	<b>0.1</b>	<b>...</b>	<b>...</b>	<b>0.1</b>
Pregnancy with abortive outcome (O00-O07)	...	...	1	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	14	...	...	0.1	...	...	0.1
Certain conditions originating in the perinatal period (P00-P96)	927	525	402	3.0	3.4	2.5	4.0	4.4	3.6
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	890	450	440	2.8	2.9	2.8	3.3	3.3	3.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	3,073	1,552	1,521	9.8	10.0	9.6	8.7	10.3	6.9
All other diseases (residual) <sup>7</sup>	19,799	8,163	11,636	63.1	52.6	73.5	51.8	54.8	48.5
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>9,050</b>	<b>5,487</b>	<b>3,563</b>	<b>28.9</b>	<b>35.3</b>	<b>22.5</b>	<b>26.0</b>	<b>35.7</b>	<b>17.0</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>3,165</b>	<b>2,211</b>	<b>954</b>	<b>10.1</b>	<b>14.2</b>	<b>6.0</b>	<b>9.9</b>	<b>14.2</b>	<b>5.7</b>
Motor vehicle accidents <sup>8</sup>	2,953	2,036	917	9.4	13.1	5.8	9.2	13.1	5.5
Other land transport accidents <sup>9</sup>	65	48	17	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)	147	127	20	0.5	0.8	0.1	0.4	0.8	0.1
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>5,885</b>	<b>3,276</b>	<b>2,609</b>	<b>18.8</b>	<b>21.1</b>	<b>16.5</b>	<b>16.2</b>	<b>21.6</b>	<b>11.3</b>
Falls (W00-W19)	1,769	923	846	5.6	5.9	5.3	4.6	6.2	3.4
Accidental discharge of firearms (W32-W34)	31	27	4	0.1	0.2	0.0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	316	250	66	1.0	1.6	0.4	1.0	1.6	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	219	138	81	0.7	0.9	0.5	0.7	0.9	0.5

See footnotes at the end of the table.



Table 1-1 – continued

Deaths by selected grouped causes, sex and geography — Canada<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	1,018	697	321	3.2	4.5	2.0	3.1	4.3	1.9
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	2,532	1,241	1,291	8.1	8.0	8.2	6.7	8.4	5.1
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>3,650</b>	<b>2,851</b>	<b>799</b>	<b>11.6</b>	<b>18.4</b>	<b>5.0</b>	<b>11.2</b>	<b>17.7</b>	<b>4.9</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	633	615	18	2.0	4.0	0.1	1.9	3.7	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	3,017	2,236	781	9.6	14.4	4.9	9.3	14.0	4.8
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>462</b>	<b>316</b>	<b>146</b>	<b>1.5</b>	<b>2.0</b>	<b>0.9</b>	<b>1.5</b>	<b>2.1</b>	<b>1.0</b>
Assault (homicide) by discharge of firearms (X93-X95)	137	110	27	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)	325	206	119	1.0	1.3	0.8	1.1	1.3	0.8
Legal intervention (Y35, Y89.0)	7	7	0	0.0	0.0	0.0	0.0	0.1	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>440</b>	<b>295</b>	<b>145</b>	<b>1.4</b>	<b>1.9</b>	<b>0.9</b>	<b>1.3</b>	<b>1.8</b>	<b>0.8</b>
Discharge of firearms, undetermined intent (Y22-Y24)	11	11	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)	429	284	145	1.4	1.8	0.9	1.3	1.7	0.8
Operations of war and their sequelae (Y36, Y89.1)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	225	104	121	0.7	0.7	0.8	0.6	0.7	0.6

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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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 Labrador<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89) <sup>3, 4, 5</sup></b>	<b>4,183</b>	<b>2,216</b>	<b>1,967</b>	<b>805.6</b>	<b>867.3</b>	<b>745.8</b>	<b>693.1</b>	<b>870.9</b>	<b>554.4</b>
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)	3	2	1	0.6	0.8	0.4	0.5	0.9	0.2
<b>Tuberculosis (A16-A19)</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>1.0</b>	<b>0.0</b>	<b>1.9</b>	<b>0.8</b>	<b>0.0</b>	<b>1.4</b>
Respiratory tuberculosis (A16)	4	0	4	0.8	0.0	1.5	0.7	0.0	1.2
Other tuberculosis (A17-A19)	1	0	1	0.2	0.0	0.4	0.1	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)	1	1	0	0.2	0.4	0.0	0.3	0.5	0.0
Septicaemia (A40-A41)	26	15	11	5.0	5.9	4.2	4.2	5.7	3.2
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)	2	1	1	0.4	0.4	0.4	0.4	0.4	0.3
Human immunodeficiency virus [HIV] disease (B20-B24)	1	1	0	0.2	0.4	0.0	0.3	0.5	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 <sup>6</sup>	7	3	4	1.3	1.2	1.5	1.3	1.2	1.4
<b>Malignant neoplasms (C00-C97)</b>	<b>1,199</b>	<b>671</b>	<b>528</b>	<b>230.9</b>	<b>262.6</b>	<b>200.2</b>	<b>198.4</b>	<b>249.9</b>	<b>159.0</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	16	13	3	3.1	5.1	1.1	2.5	4.6	0.9
Malignant neoplasm of oesophagus (C15)	20	16	4	3.9	6.3	1.5	3.3	5.8	1.1
Malignant neoplasm of stomach (C16)	63	43	20	12.1	16.8	7.6	10.6	16.5	6.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	128	76	52	24.6	29.7	19.7	21.1	28.3	15.5
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	15	9	6	2.9	3.5	2.3	2.5	3.3	1.7
Malignant neoplasm of pancreas (C25)	50	27	23	9.6	10.6	8.7	8.1	9.9	6.3
Malignant neoplasm of larynx (C32)	14	14	0	2.7	5.5	0.0	2.4	5.3	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	288	199	89	55.5	77.9	33.7	48.8	73.9	28.8
Malignant melanoma of skin (C43)	9	5	4	1.7	2.0	1.5	1.2	1.6	1.0
Malignant neoplasm of breast (C50)	113	0	113	21.8	0.0	42.8	18.0	0.0	33.5
Malignant neoplasm of cervix uteri (C53)	...	...	12	...	...	4.5	...	...	3.8
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	10	...	...	3.8	...	...	3.3
Malignant neoplasm of ovary (C56)	...	...	28	...	...	10.6	...	...	9.1
Malignant neoplasm of prostate (C61)	...	58	...	...	22.7	...	...	23.4	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	29	16	13	5.6	6.3	4.9	4.9	6.1	4.0
Malignant neoplasm of bladder (C67)	29	19	10	5.6	7.4	3.8	4.8	7.9	2.6
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	30	19	11	5.8	7.4	4.2	5.0	6.5	3.7
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>89</b>	<b>51</b>	<b>38</b>	<b>17.1</b>	<b>20.0</b>	<b>14.4</b>	<b>15.0</b>	<b>18.6</b>	<b>11.9</b>
Hodgkin's disease (C81)	1	1	0	0.2	0.4	0.0	0.2	0.4	0.0
Non-Hodgkin's lymphoma (C82-C85)	37	15	22	7.1	5.9	8.3	6.1	5.0	7.0
Leukaemia (C91-C95)	28	23	5	5.4	9.0	1.9	4.9	8.8	1.7
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	23	12	11	4.4	4.7	4.2	3.8	4.4	3.2
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)	198	106	92	38.1	41.5	34.9	32.0	38.4	25.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	28	11	17	5.4	4.3	6.4	4.7	4.0	5.2
Anaemias (D50-D64)	9	4	5	1.7	1.6	1.9	1.5	2.1	1.3
Diabetes mellitus (E10-E14)	197	91	106	37.9	35.6	40.2	32.7	35.9	30.1
<b>Nutritional deficiencies (E40-E64)</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0.6</b>	<b>1.2</b>	<b>0.0</b>	<b>0.5</b>	<b>1.2</b>	<b>0.0</b>
Malnutrition (E40-E46)	2	2	0	0.4	0.8	0.0	0.4	0.8	0.0
Other nutritional deficiencies (E50-E64)	1	1	0	0.2	0.4	0.0	0.2	0.4	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)	39	21	18	7.5	8.2	6.8	6.3	8.5	4.9
Alzheimer's disease (G30)	143	57	86	27.5	22.3	32.6	23.3	24.8	22.0
<b>Major cardiovascular diseases (I00-I78)</b>	<b>1,568</b>	<b>804</b>	<b>764</b>	<b>302.0</b>	<b>314.7</b>	<b>289.7</b>	<b>255.8</b>	<b>317.2</b>	<b>205.6</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>1,120</b>	<b>581</b>	<b>539</b>	<b>215.7</b>	<b>227.4</b>	<b>204.4</b>	<b>182.6</b>	<b>225.7</b>	<b>145.1</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	5	4	1	1.0	1.6	0.4	0.9	1.6	0.3
Hypertensive heart disease (I11)	20	4	16	3.9	1.6	6.1	3.2	1.8	4.2
Hypertensive heart and renal disease (I13)	3	2	1	0.6	0.8	0.4	0.5	0.8	0.2
<b>Ischaemic heart diseases (I20-I25)</b>	<b>895</b>	<b>488</b>	<b>407</b>	<b>172.4</b>	<b>191.0</b>	<b>154.3</b>	<b>146.0</b>	<b>186.4</b>	<b>110.5</b>
Acute myocardial infarction (I21-I22)	359	203	156	69.1	79.4	59.1	58.9	77.7	43.4
Other acute ischaemic heart diseases (I24)	5	4	1	1.0	1.6	0.4	0.8	1.5	0.3

See footnotes at the end of the table.

Table 1-2 – continued

Deaths by selected grouped causes, sex and geography — Newfoundland and Labrador<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>531</b>	<b>281</b>	<b>250</b>	<b>102.3</b>	<b>110.0</b>	<b>94.8</b>	<b>86.3</b>	<b>107.2</b>	<b>66.8</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	94	64	30	18.1	25.0	11.4	14.9	22.7	8.4
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	437	217	220	84.2	84.9	83.4	71.4	84.6	58.4
<b>Other heart diseases (I26-I51)</b>	<b>197</b>	<b>83</b>	<b>114</b>	<b>37.9</b>	<b>32.5</b>	<b>43.2</b>	<b>32.0</b>	<b>35.0</b>	<b>29.9</b>
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)	101	38	63	19.5	14.9	23.9	16.2	16.2	15.8
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	96	45	51	18.5	17.6	19.3	15.8	18.9	14.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	37	14	23	7.1	5.5	8.7	5.9	6.0	6.0
Cerebrovascular diseases (I60-I69)	314	151	163	60.5	59.1	61.8	51.1	62.1	43.2
Atherosclerosis (I70)	19	10	9	3.7	3.9	3.4	3.0	3.9	2.3
<b>Other diseases of circulatory system (I71-I78)</b>	<b>78</b>	<b>48</b>	<b>30</b>	<b>15.0</b>	<b>18.8</b>	<b>11.4</b>	<b>13.2</b>	<b>19.5</b>	<b>8.9</b>
Aortic aneurysm and dissection (I71)	51	35	16	9.8	13.7	6.1	8.7	13.9	4.8
Other diseases of arteries, arterioles and capillaries (I72-I78)	27	13	14	5.2	5.1	5.3	4.5	5.6	4.1
Other disorders of circulatory system (I80-I99)	11	5	6	2.1	2.0	2.3	1.9	2.2	1.8
<b>Influenza and pneumonia (J10-J18)</b>	<b>68</b>	<b>31</b>	<b>37</b>	<b>13.1</b>	<b>12.1</b>	<b>14.0</b>	<b>10.9</b>	<b>14.2</b>	<b>9.1</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia (J12-J18)	68	31	37	13.1	12.1	14.0	10.9	14.2	9.1
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>10</b>	<b>5</b>	<b>5</b>	<b>1.9</b>	<b>2.0</b>	<b>1.9</b>	<b>1.8</b>	<b>2.5</b>	<b>1.6</b>
Acute bronchitis and bronchiolitis (J20-J21)	3	1	2	0.6	0.4	0.8	0.7	0.6	0.7
Unspecified acute lower respiratory infection (J22)	7	4	3	1.3	1.6	1.1	1.1	1.9	0.9
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>164</b>	<b>103</b>	<b>61</b>	<b>31.6</b>	<b>40.3</b>	<b>23.1</b>	<b>26.9</b>	<b>43.2</b>	<b>17.5</b>
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Emphysema (J43)	7	5	2	1.3	2.0	0.8	1.1	2.0	0.5
Asthma (J44-J46)	3	0	3	0.6	0.0	1.1	0.5	0.0	1.0
Other chronic lower respiratory diseases (J44, J47)	154	98	56	29.7	38.4	21.2	25.3	41.2	16.1
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	3	3	1.2	1.2	1.1	1.0	1.5	0.9
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	37	24	13	7.1	9.4	4.9	6.3	9.6	4.0
Peptic ulcer (K25-K28)	7	3	4	1.3	1.2	1.5	1.1	1.1	1.1
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	4	2	2	0.8	0.8	0.8	0.7	0.8	0.6
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>28</b>	<b>22</b>	<b>6</b>	<b>5.4</b>	<b>8.6</b>	<b>2.3</b>	<b>4.5</b>	<b>7.6</b>	<b>1.8</b>
Alcoholic liver disease (K70)	9	9	0	1.7	3.5	0.0	1.3	2.7	0.0
Other chronic liver disease and cirrhosis (K73-K74)	19	13	6	3.7	5.1	2.3	3.1	4.8	1.8
Cholelithiasis and other disorders of gallbladder (K80-K82)	7	5	2	1.3	2.0	0.8	1.2	1.8	0.6
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>97</b>	<b>53</b>	<b>44</b>	<b>18.7</b>	<b>20.7</b>	<b>16.7</b>	<b>15.9</b>	<b>22.2</b>	<b>11.8</b>
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)	2	1	1	0.4	0.4	0.4	0.3	0.4	0.2
Renal failure (N17-N19)	95	52	43	18.3	20.4	16.3	15.6	21.9	11.6
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	0.4
Hyperplasia of prostate (N40)	...	3	...	...	1.2	...	...	1.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	10	7	3	1.9	2.7	1.1	3.1	4.3	1.9
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	15	10	5	2.9	3.9	1.9	3.2	4.6	1.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	64	26	38	12.3	10.2	14.4	11.1	11.6	9.5
All other diseases (residual) <sup>7</sup>	254	120	134	48.9	47.0	50.8	41.7	47.2	37.2
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>125</b>	<b>75</b>	<b>50</b>	<b>24.1</b>	<b>29.4</b>	<b>19.0</b>	<b>22.5</b>	<b>29.0</b>	<b>15.7</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>44</b>	<b>25</b>	<b>19</b>	<b>8.5</b>	<b>9.8</b>	<b>7.2</b>	<b>8.2</b>	<b>9.4</b>	<b>7.0</b>
Motor vehicle accidents <sup>8</sup>	41	24	17	7.9	9.4	6.4	7.6	9.0	6.3
Other land transport accidents <sup>9</sup>	1	0	1	0.2	0.0	0.4	0.1	0.0	0.3
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	2	1	1	0.4	0.4	0.4	0.5	0.4	0.5
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>81</b>	<b>50</b>	<b>31</b>	<b>15.6</b>	<b>19.6</b>	<b>11.8</b>	<b>14.2</b>	<b>19.5</b>	<b>8.7</b>
Falls (W00-W19)	14	9	5	2.7	3.5	1.9	2.2	3.3	1.2
Accidental discharge of firearms (W32-W34)	2	2	0	0.4	0.8	0.0	0.3	0.8	0.0
Accidental drowning and submersion (W65-W74)	19	16	3	3.7	6.3	1.1	3.6	5.7	1.5
Accidental exposure to smoke, fire and flames (X00-X09)	2	2	0	0.4	0.8	0.0	0.4	0.8	0.0

See footnotes at the end of the table.

Table 1-2 – continued

Deaths by selected grouped causes, sex and geography — Newfoundland and Labrador<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	8	8	0	1.5	3.1	0.0	1.4	2.9	0.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	36	13	23	6.9	5.1	8.7	6.3	6.0	5.9
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>34</b>	<b>28</b>	<b>6</b>	<b>6.5</b>	<b>11.0</b>	<b>2.3</b>	<b>6.6</b>	<b>11.4</b>	<b>2.1</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	11	10	1	2.1	3.9	0.4	2.0	3.6	0.4
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	23	18	5	4.4	7.0	1.9	4.6	7.7	1.7
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0.2</b>	<b>0.0</b>	<b>0.4</b>	<b>0.2</b>	<b>0.0</b>	<b>0.4</b>
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	0.2	0.0	0.4	0.2	0.0	0.4
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.2</b>	<b>0.4</b>	<b>0.0</b>	<b>0.1</b>	<b>0.3</b>	<b>0.0</b>
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)	1	1	0	0.2	0.4	0.0	0.1	0.3	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)	5	5	0	1.0	2.0	0.0	0.8	2.0	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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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 Island<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89) <sup>3, 4, 5</sup></b>	<b>1,236</b>	<b>611</b>	<b>625</b>	<b>902.2</b>	<b>915.2</b>	<b>889.8</b>	<b>671.6</b>	<b>847.4</b>	<b>543.7</b>
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)	4	2	2	2.9	3.0	2.8	1.8	2.3	1.2
<b>Tuberculosis (A16-A19)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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)	7	5	2	5.1	7.5	2.8	3.3	6.9	1.5
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 <sup>6</sup>	2	1	1	1.5	1.5	1.4	1.2	1.6	0.5
<b>Malignant neoplasms (C00-C97)</b>	<b>306</b>	<b>157</b>	<b>149</b>	<b>223.4</b>	<b>235.2</b>	<b>212.1</b>	<b>177.1</b>	<b>215.6</b>	<b>153.7</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	5	4	1	3.6	6.0	1.4	3.2	5.3	1.0
Malignant neoplasm of oesophagus (C15)	9	6	3	6.6	9.0	4.3	5.1	8.5	2.7
Malignant neoplasm of stomach (C16)	4	4	0	2.9	6.0	0.0	2.1	5.5	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	36	16	20	26.3	24.0	28.5	20.2	21.8	19.5
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	5	4	1	3.6	6.0	1.4	3.0	5.7	1.1
Malignant neoplasm of pancreas (C25)	8	4	4	5.8	6.0	5.7	4.6	5.6	3.7
Malignant neoplasm of larynx (C32)	2	1	1	1.5	1.5	1.4	1.4	1.4	1.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	96	58	38	70.1	86.9	54.1	56.7	77.9	42.3
Malignant melanoma of skin (C43)	3	1	2	2.2	1.5	2.8	1.6	1.4	1.7
Malignant neoplasm of breast (C50)	22	0	22	16.1	0.0	31.3	12.0	0.0	21.2
Malignant neoplasm of cervix uteri (C53)	...	...	3	...	...	4.3	...	...	3.1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	6	...	...	8.5	...	...	5.2
Malignant neoplasm of ovary (C56)	...	...	4	...	...	5.7	...	...	4.8
Malignant neoplasm of prostate (C61)	...	18	...	...	27.0	...	...	24.6	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	8	5	3	5.8	7.5	4.3	4.7	7.1	2.9
Malignant neoplasm of bladder (C67)	6	4	2	4.4	6.0	2.8	3.4	5.6	2.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	5	0	5	3.6	0.0	7.1	4.0	0.0	7.7
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>21</b>	<b>11</b>	<b>10</b>	<b>15.3</b>	<b>16.5</b>	<b>14.2</b>	<b>11.4</b>	<b>14.7</b>	<b>8.9</b>
Hodgkin's disease (C81)	1	1	0	0.7	1.5	0.0	0.7	1.5	0.0
Non-Hodgkin's lymphoma (C82-C85)	8	4	4	5.8	6.0	5.7	4.2	4.9	3.2
Leukaemia (C91-C95)	9	5	4	6.6	7.5	5.7	5.1	6.9	4.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	3	1	2	2.2	1.5	2.8	1.3	1.4	1.4
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)	45	21	24	32.8	31.5	34.2	27.0	30.3	24.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	5	1	4	3.6	1.5	5.7	2.8	1.4	4.0
Anaemias (D50-D64)	5	3	2	3.6	4.5	2.8	2.1	4.1	1.2
Diabetes mellitus (E10-E14)	18	9	9	13.1	13.5	12.8	9.8	12.5	7.7
<b>Nutritional deficiencies (E40-E64)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.7</b>	<b>1.5</b>	<b>0.0</b>	<b>0.6</b>	<b>1.4</b>	<b>0.0</b>
Malnutrition (E40-E46)	1	1	0	0.7	1.5	0.0	0.6	1.4	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)	4	1	3	2.9	1.5	4.3	2.3	1.4	3.1
Alzheimer's disease (G30)	49	16	33	35.8	24.0	47.0	21.8	22.1	20.5
<b>Major cardiovascular diseases (I00-I78)</b>	<b>495</b>	<b>238</b>	<b>257</b>	<b>361.3</b>	<b>356.5</b>	<b>365.9</b>	<b>260.1</b>	<b>326.8</b>	<b>208.4</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>352</b>	<b>176</b>	<b>176</b>	<b>256.9</b>	<b>263.6</b>	<b>250.6</b>	<b>184.4</b>	<b>239.9</b>	<b>142.4</b>
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)	1	0	1	0.7	0.0	1.4	0.4	0.0	0.6
Hypertensive heart and renal disease (I13)	1	0	1	0.7	0.0	1.4	0.5	0.0	0.8
<b>Ischaemic heart diseases (I20-I25)</b>	<b>273</b>	<b>142</b>	<b>131</b>	<b>199.3</b>	<b>212.7</b>	<b>186.5</b>	<b>142.0</b>	<b>193.1</b>	<b>102.6</b>
Acute myocardial infarction (I21-I22)	134	60	74	97.8	89.9	105.4	71.8	81.3	62.8
Other acute ischaemic heart diseases (I24)	2	1	1	1.5	1.5	1.4	0.9	1.4	0.5

See footnotes at the end of the table.

Table 1-3 – continued

Deaths by selected grouped causes, sex and geography — Prince Edward Island<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>137</b>	<b>81</b>	<b>56</b>	<b>100.0</b>	<b>121.3</b>	<b>79.7</b>	<b>69.3</b>	<b>110.5</b>	<b>39.2</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	4	1	3	2.9	1.5	4.3	1.9	1.4	2.1
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	133	80	53	97.1	119.8	75.5	67.4	109.1	37.1
<b>Other heart diseases (I26-I51)</b>	<b>77</b>	<b>34</b>	<b>43</b>	<b>56.2</b>	<b>50.9</b>	<b>61.2</b>	<b>41.5</b>	<b>46.7</b>	<b>38.5</b>
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)	28	7	21	20.4	10.5	29.9	14.0	9.8	16.9
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	49	27	22	35.8	40.4	31.3	27.5	36.9	21.6
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1	0	1	0.7	0.0	1.4	0.4	0.0	0.5
Cerebrovascular diseases (I60-I69)	118	49	69	86.1	73.4	98.2	61.0	68.9	54.6
Atherosclerosis (I70)	1	0	1	0.7	0.0	1.4	0.4	0.0	0.6
<b>Other diseases of circulatory system (I71-I78)</b>	<b>23</b>	<b>13</b>	<b>10</b>	<b>16.8</b>	<b>19.5</b>	<b>14.2</b>	<b>13.9</b>	<b>18.0</b>	<b>10.2</b>
Aortic aneurysm and dissection (I71)	10	7	3	7.3	10.5	4.3	6.0	9.9	2.5
Other diseases of arteries, arterioles and capillaries (I72-I78)	13	6	7	9.5	9.0	10.0	7.9	8.1	7.7
Other disorders of circulatory system (I80-I99)	3	1	2	2.2	1.5	2.8	1.8	1.4	2.1
<b>Influenza and pneumonia (J10-J18)</b>	<b>45</b>	<b>19</b>	<b>26</b>	<b>32.8</b>	<b>28.5</b>	<b>37.0</b>	<b>21.0</b>	<b>25.8</b>	<b>18.0</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia (J12-J18)	45	19	26	32.8	28.5	37.0	21.0	25.8	18.0
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>56</b>	<b>33</b>	<b>23</b>	<b>40.9</b>	<b>49.4</b>	<b>32.7</b>	<b>29.4</b>	<b>45.8</b>	<b>19.6</b>
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Emphysema (J43)	6	3	3	4.4	4.5	4.3	3.8	4.2	3.3
Asthma (J45-J46)	3	2	1	2.2	3.0	1.4	1.8	2.7	1.2
Other chronic lower respiratory diseases (J44, J47)	47	28	19	34.3	41.9	27.1	23.8	38.8	15.1
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)	2	1	1	1.5	1.5	1.4	1.4	1.2	1.6
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	11	6	5	8.0	9.0	7.1	6.5	8.2	5.0
Peptic ulcer (K25-K28)	5	2	3	3.6	3.0	4.3	2.5	2.8	1.8
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
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>8</b>	<b>6</b>	<b>2</b>	<b>5.8</b>	<b>9.0</b>	<b>2.8</b>	<b>4.8</b>	<b>7.2</b>	<b>2.8</b>
Alcoholic liver disease (K70)	6	4	2	4.4	6.0	2.8	3.6	4.4	2.8
Other chronic liver disease and cirrhosis (K73-K74)	2	2	0	1.5	3.0	0.0	1.2	2.8	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	2	1	1	1.5	1.5	1.4	1.1	1.4	1.0
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>18</b>	<b>5</b>	<b>13</b>	<b>13.1</b>	<b>7.5</b>	<b>18.5</b>	<b>8.6</b>	<b>6.9</b>	<b>9.6</b>
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)	18	5	13	13.1	7.5	18.5	8.6	6.9	9.6
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
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	5	3	2	3.6	4.5	2.8	4.7	5.9	3.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	7	3	4	5.1	4.5	5.7	3.7	4.4	3.6
All other diseases (residual) <sup>7</sup>	100	43	57	73.0	64.4	81.2	51.5	58.4	48.3
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>50</b>	<b>36</b>	<b>14</b>	<b>36.5</b>	<b>53.9</b>	<b>19.9</b>	<b>33.1</b>	<b>54.8</b>	<b>14.0</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>20</b>	<b>16</b>	<b>4</b>	<b>14.6</b>	<b>24.0</b>	<b>5.7</b>	<b>15.6</b>	<b>25.4</b>	<b>5.9</b>
Motor vehicle accidents <sup>8</sup>	20	16	4	14.6	24.0	5.7	15.6	25.4	5.9
Other land transport accidents <sup>9</sup>	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
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>30</b>	<b>20</b>	<b>10</b>	<b>21.9</b>	<b>30.0</b>	<b>14.2</b>	<b>17.5</b>	<b>29.4</b>	<b>8.1</b>
Falls (W00-W19)	8	4	4	5.8	6.0	5.7	4.3	5.7	3.7
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)	1	1	0	0.7	1.5	0.0	0.6	1.1	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	3	3	0	2.2	4.5	0.0	2.2	4.5	0.0

See footnotes at the end of the table.

Table 1-3 – continued

Deaths by selected grouped causes, sex and geography — Prince Edward Island<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	2	2	0	1.5	3.0	0.0	1.5	3.7	0.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	16	10	6	11.7	15.0	8.5	8.9	14.3	4.4
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>14</b>	<b>10</b>	<b>4</b>	<b>10.2</b>	<b>15.0</b>	<b>5.7</b>	<b>10.3</b>	<b>16.5</b>	<b>4.5</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	4	4	0	2.9	6.0	0.0	2.8	5.8	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	10	6	4	7.3	9.0	5.7	7.5	10.7	4.5
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0.7</b>	<b>0.0</b>	<b>1.4</b>	<b>0.8</b>	<b>0.0</b>	<b>1.6</b>
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	0.7	0.0	1.4	0.8	0.0	1.6
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>7</b>	<b>5</b>	<b>2</b>	<b>5.1</b>	<b>7.5</b>	<b>2.8</b>	<b>4.7</b>	<b>6.2</b>	<b>3.1</b>
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)	7	5	2	5.1	7.5	2.8	4.7	6.2	3.1
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	3	3	4.4	4.5	4.3	2.8	4.2	1.8

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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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 Scotia<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89) <sup>3, 4, 5</sup></b>	<b>7,997</b>	<b>3,977</b>	<b>4,020</b>	<b>855.9</b>	<b>868.7</b>	<b>843.5</b>	<b>642.8</b>	<b>810.2</b>	<b>518.6</b>
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	0.9	0.6	0.5	0.7	0.3
<b>Tuberculosis (A16-A19)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.2</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>
Respiratory tuberculosis (A16)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
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	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Septicaemia (A40-A41)	44	20	24	4.7	4.4	5.0	3.5	4.0	2.9
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	3	3	0.6	0.7	0.6	0.5	0.5	0.5
Human immunodeficiency virus [HIV] disease (B20-B24)	7	7	0	0.7	1.5	0.0	0.6	1.2	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 <sup>6</sup>	13	11	2	1.4	2.4	0.4	1.1	2.3	0.3
<b>Malignant neoplasms (C00-C97)</b>	<b>2,371</b>	<b>1,244</b>	<b>1,127</b>	<b>253.7</b>	<b>271.7</b>	<b>236.5</b>	<b>199.3</b>	<b>247.6</b>	<b>168.0</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	40	30	10	4.3	6.6	2.1	3.4	5.6	1.4
Malignant neoplasm of oesophagus (C15)	51	38	13	5.5	8.3	2.7	4.4	7.3	2.0
Malignant neoplasm of stomach (C16)	56	36	20	6.0	7.9	4.2	4.7	7.0	3.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	226	121	105	24.2	26.4	22.0	18.7	24.2	15.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	33	16	17	3.5	3.5	3.6	2.7	3.1	2.5
Malignant neoplasm of pancreas (C25)	109	50	59	11.7	10.9	12.4	8.9	9.9	8.2
Malignant neoplasm of larynx (C32)	26	21	5	2.8	4.6	1.0	2.2	4.1	0.9
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	629	368	261	67.3	80.4	54.8	54.1	73.0	40.9
Malignant melanoma of skin (C43)	31	16	15	3.3	3.5	3.1	2.6	3.1	2.4
Malignant neoplasm of breast (C50)	170	2	168	18.2	0.4	35.3	14.3	0.4	25.4
Malignant neoplasm of cervix uteri (C53)	...	...	28	...	...	5.9	...	...	4.3
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	26	...	...	5.5	...	...	4.2
Malignant neoplasm of ovary (C56)	...	...	66	...	...	13.8	...	...	10.0
Malignant neoplasm of prostate (C61)	...	128	...	...	28.0	...	...	26.2	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	64	40	24	6.8	8.7	5.0	5.5	7.9	3.5
Malignant neoplasm of bladder (C67)	62	46	16	6.6	10.0	3.4	5.0	9.3	2.4
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	50	24	26	5.4	5.2	5.5	4.7	4.8	4.5
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>196</b>	<b>110</b>	<b>86</b>	<b>21.0</b>	<b>24.0</b>	<b>18.0</b>	<b>16.5</b>	<b>22.1</b>	<b>12.0</b>
Hodgkin's disease (C81)	6	4	2	0.6	0.9	0.4	0.5	0.8	0.3
Non-Hodgkin's lymphoma (C82-C85)	73	37	36	7.8	8.1	7.6	6.2	7.2	4.9
Leukaemia (C91-C95)	70	43	27	7.5	9.4	5.7	5.9	9.1	3.7
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	47	26	21	5.0	5.7	4.4	3.9	5.1	3.2
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)	380	198	182	40.7	43.3	38.2	31.4	39.6	25.4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	49	19	30	5.2	4.2	6.3	3.9	3.8	3.8
Anaemias (D50-D64)	19	9	10	2.0	2.0	2.1	1.4	2.1	1.1
Diabetes mellitus (E10-E14)	272	134	138	29.1	29.3	29.0	21.7	26.3	18.0
<b>Nutritional deficiencies (E40-E64)</b>	<b>7</b>	<b>2</b>	<b>5</b>	<b>0.7</b>	<b>0.4</b>	<b>1.0</b>	<b>0.5</b>	<b>0.4</b>	<b>0.6</b>
Malnutrition (E40-E46)	5	0	5	0.5	0.0	1.0	0.4	0.0	0.6
Other nutritional deficiencies (E50-E64)	2	2	0	0.2	0.4	0.0	0.2	0.4	0.0
Meningitis (G00, G03)	2	0	2	0.2	0.0	0.4	0.2	0.0	0.2
Parkinson's disease (G20-G21)	62	29	33	6.6	6.3	6.9	4.6	5.9	3.8
Alzheimer's disease (G30)	244	77	167	26.1	16.8	35.0	17.1	15.8	17.2
<b>Major cardiovascular diseases (I00-I78)</b>	<b>2,645</b>	<b>1,287</b>	<b>1,358</b>	<b>283.1</b>	<b>281.1</b>	<b>284.9</b>	<b>203.2</b>	<b>261.4</b>	<b>159.0</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>1,866</b>	<b>962</b>	<b>904</b>	<b>199.7</b>	<b>210.1</b>	<b>189.7</b>	<b>144.4</b>	<b>194.4</b>	<b>106.5</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	21	8	13	2.2	1.7	2.7	1.7	1.6	1.8
Hypertensive heart disease (I11)	20	4	16	2.1	0.9	3.4	1.4	0.7	1.6
Hypertensive heart and renal disease (I13)	7	2	5	0.7	0.4	1.0	0.5	0.4	0.5
<b>Ischaemic heart diseases (I20-I25)</b>	<b>1,350</b>	<b>765</b>	<b>585</b>	<b>144.5</b>	<b>167.1</b>	<b>122.7</b>	<b>105.1</b>	<b>153.5</b>	<b>69.7</b>
Acute myocardial infarction (I21-I22)	626	369	257	67.0	80.6	53.9	49.7	73.6	31.9
Other acute ischaemic heart diseases (I24)	16	11	5	1.7	2.4	1.0	1.3	2.2	0.5

See footnotes at the end of the table.



Table 1-4 – continued

Deaths by selected grouped causes, sex and geography — Nova Scotia<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>708</b>	<b>385</b>	<b>323</b>	<b>75.8</b>	<b>84.1</b>	<b>67.8</b>	<b>54.2</b>	<b>77.7</b>	<b>37.3</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	18	6	12	1.9	1.3	2.5	1.4	1.2	1.4
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	690	379	311	73.8	82.8	65.3	52.8	76.5	35.9
<b>Other heart diseases (I26-I51)</b>	<b>468</b>	<b>183</b>	<b>285</b>	<b>50.1</b>	<b>40.0</b>	<b>59.8</b>	<b>35.7</b>	<b>38.1</b>	<b>32.9</b>
Acute and subacute endocarditis (I33)	2	0	2	0.2	0.0	0.4	0.2	0.0	0.3
Diseases of pericardium and acute myocarditis (I30-I31, I40)	3	2	1	0.3	0.4	0.2	0.3	0.4	0.2
Heart failure (I50)	214	69	145	22.9	15.1	30.4	15.4	14.6	15.5
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	249	112	137	26.6	24.5	28.7	19.9	23.1	16.9
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	60	19	41	6.4	4.2	8.6	4.4	4.1	4.7
Cerebrovascular diseases (I60-I69)	544	226	318	58.2	49.4	66.7	40.9	46.3	36.5
Atherosclerosis (I70)	44	17	27	4.7	3.7	5.7	3.1	3.5	2.8
<b>Other diseases of circulatory system (I71-I78)</b>	<b>131</b>	<b>63</b>	<b>68</b>	<b>14.0</b>	<b>13.8</b>	<b>14.3</b>	<b>10.4</b>	<b>13.1</b>	<b>8.6</b>
Aortic aneurysm and dissection (I71)	78	46	32	8.3	10.0	6.7	6.4	9.5	4.4
Other diseases of arteries, arterioles and capillaries (I72-I78)	53	17	36	5.7	3.7	7.6	4.0	3.6	4.1
Other disorders of circulatory system (I80-I99)	17	7	10	1.8	1.5	2.1	1.3	1.3	1.3
<b>Influenza and pneumonia (J10-J18)</b>	<b>193</b>	<b>65</b>	<b>128</b>	<b>20.7</b>	<b>14.2</b>	<b>26.9</b>	<b>13.3</b>	<b>13.8</b>	<b>12.9</b>
Influenza (J10-J11)	7	1	6	0.7	0.2	1.3	0.5	0.2	0.6
Pneumonia (J12-J18)	186	64	122	19.9	14.0	25.6	12.8	13.6	12.3
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>4</b>	<b>1</b>	<b>3</b>	<b>0.4</b>	<b>0.2</b>	<b>0.6</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>
Acute bronchitis and bronchiolitis (J20-J21)	3	0	3	0.3	0.0	0.6	0.2	0.0	0.3
Unspecified acute lower respiratory infection (J22)	1	1	0	0.1	0.2	0.0	0.1	0.3	0.0
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>397</b>	<b>220</b>	<b>177</b>	<b>42.5</b>	<b>48.1</b>	<b>37.1</b>	<b>31.8</b>	<b>45.0</b>	<b>23.9</b>
Bronchitis, chronic and unspecified (J40-J42)	8	3	5	0.9	0.7	1.0	0.6	0.6	0.4
Emphysema (J43)	31	24	7	3.3	5.2	1.5	2.6	4.9	1.2
Asthma (J45-J46)	4	0	4	0.4	0.0	0.8	0.3	0.0	0.6
Other chronic lower respiratory diseases (J44, J47)	354	193	161	37.9	42.2	33.8	28.3	39.5	21.7
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)	32	20	12	3.4	4.4	2.5	2.4	4.0	1.4
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	83	42	41	8.9	9.2	8.6	6.7	8.9	5.1
Peptic ulcer (K25-K28)	18	11	7	1.9	2.4	1.5	1.3	2.1	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)	4	3	1	0.4	0.7	0.2	0.4	0.8	0.1
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>52</b>	<b>32</b>	<b>20</b>	<b>5.6</b>	<b>7.0</b>	<b>4.2</b>	<b>4.5</b>	<b>6.3</b>	<b>3.0</b>
Alcoholic liver disease (K70)	28	19	9	3.0	4.2	1.9	2.4	3.6	1.5
Other chronic liver disease and cirrhosis (K73-K74)	24	13	11	2.6	2.8	2.3	2.1	2.7	1.5
Cholelithiasis and other disorders of gallbladder (K80-K82)	11	5	6	1.2	1.1	1.3	0.8	1.0	0.5
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>140</b>	<b>70</b>	<b>70</b>	<b>15.0</b>	<b>15.3</b>	<b>14.7</b>	<b>10.6</b>	<b>14.7</b>	<b>8.3</b>
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)	3	1	2	0.3	0.2	0.4	0.2	0.2	0.3
Renal failure (N17-N19)	137	69	68	14.7	15.1	14.3	10.4	14.5	8.0
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)	4	1	3	0.4	0.2	0.6	0.3	0.3	0.5
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	14	10	4	1.5	2.2	0.8	2.3	3.2	1.4
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	31	15	16	3.3	3.3	3.4	3.8	4.1	3.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	93	47	46	10.0	10.3	9.7	8.5	10.8	6.3
All other diseases (residual) <sup>7</sup>	727	296	431	77.8	64.7	90.4	56.2	60.7	52.0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>287</b>	<b>176</b>	<b>111</b>	<b>30.7</b>	<b>38.4</b>	<b>23.3</b>	<b>26.4</b>	<b>38.2</b>	<b>15.8</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>106</b>	<b>75</b>	<b>31</b>	<b>11.3</b>	<b>16.4</b>	<b>6.5</b>	<b>11.1</b>	<b>16.7</b>	<b>5.6</b>
Motor vehicle accidents <sup>8</sup>	97	67	30	10.4	14.6	6.3	10.2	15.1	5.5
Other land transport accidents <sup>9</sup>	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)	8	8	0	0.9	1.7	0.0	0.8	1.6	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>181</b>	<b>101</b>	<b>80</b>	<b>19.4</b>	<b>22.1</b>	<b>16.8</b>	<b>15.3</b>	<b>21.5</b>	<b>10.1</b>
Falls (W00-W19)	84	42	42	9.0	9.2	8.8	6.1	8.8	4.4
Accidental discharge of firearms (W32-W34)	1	1	0	0.1	0.2	0.0	0.2	0.3	0.0
Accidental drowning and submersion (W65-W74)	9	8	1	1.0	1.7	0.2	0.8	1.5	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	15	9	6	1.6	2.0	1.3	1.7	2.1	1.2

See footnotes at the end of the table.

Table 1-4 – continued

Deaths by selected grouped causes, sex and geography — Nova Scotia<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	18	10	8	1.9	2.2	1.7	2.0	2.3	1.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	54	31	23	5.8	6.8	4.8	4.5	6.5	2.7
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>98</b>	<b>83</b>	<b>15</b>	<b>10.5</b>	<b>18.1</b>	<b>3.1</b>	<b>9.9</b>	<b>17.1</b>	<b>3.3</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	28	28	0	3.0	6.1	0.0	2.6	5.7	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	70	55	15	7.5	12.0	3.1	7.2	11.4	3.3
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>0.5</b>	<b>0.7</b>	<b>0.4</b>	<b>0.6</b>	<b>0.7</b>	<b>0.5</b>
Assault (homicide) by discharge of firearms (X93-X95)	3	2	1	0.3	0.4	0.2	0.4	0.5	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	2	1	1	0.2	0.2	0.2	0.2	0.2	0.3
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>16</b>	<b>11</b>	<b>5</b>	<b>1.7</b>	<b>2.4</b>	<b>1.0</b>	<b>1.5</b>	<b>2.1</b>	<b>1.0</b>
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)	16	11	5	1.7	2.4	1.0	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)	18	9	9	1.9	2.0	1.9	1.4	1.9	1.3

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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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 Brunswick<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89) <sup>3, 4, 5</sup></b>	<b>6,096</b>	<b>3,131</b>	<b>2,965</b>	<b>812.6</b>	<b>844.8</b>	<b>781.1</b>	<b>627.6</b>	<b>805.7</b>	<b>496.6</b>
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	0.7	0.5	0.8	0.5	0.6	0.5
<b>Tuberculosis (A16-A19)</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.4</b>	<b>0.6</b>	<b>0.3</b>
Respiratory tuberculosis (A16)	4	2	2	0.5	0.5	0.5	0.4	0.6	0.3
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)	30	10	20	4.0	2.7	5.3	3.1	2.6	3.5
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)	4	3	1	0.5	0.8	0.3	0.4	0.7	0.2
Human immunodeficiency virus [HIV] disease (B20-B24)	1	1	0	0.1	0.3	0.0	0.1	0.3	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 <sup>6</sup>	13	5	8	1.7	1.3	2.1	1.5	1.5	1.5
<b>Malignant neoplasms (C00-C97)</b>	<b>1,699</b>	<b>907</b>	<b>792</b>	<b>226.5</b>	<b>244.7</b>	<b>208.7</b>	<b>181.1</b>	<b>227.8</b>	<b>148.9</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	29	22	7	3.9	5.9	1.8	3.1	5.5	1.4
Malignant neoplasm of oesophagus (C15)	37	25	12	4.9	6.7	3.2	3.9	6.0	2.2
Malignant neoplasm of stomach (C16)	57	35	22	7.6	9.4	5.8	5.9	8.7	3.8
Malignant neoplasms of colon, rectum and anus (C18-C21)	137	76	61	18.3	20.5	16.1	14.4	19.0	10.5
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	24	9	15	3.2	2.4	4.0	2.5	2.2	2.8
Malignant neoplasm of pancreas (C25)	82	34	48	10.9	9.2	12.6	8.7	8.3	9.2
Malignant neoplasm of larynx (C32)	9	8	1	1.2	2.2	0.3	1.0	2.0	0.2
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	466	303	163	62.1	81.8	42.9	51.3	76.3	32.6
Malignant melanoma of skin (C43)	19	7	12	2.5	1.9	3.2	2.2	1.7	2.6
Malignant neoplasm of breast (C50)	125	0	125	16.7	0.0	32.9	13.0	0.0	23.1
Malignant neoplasm of cervix uteri (C53)	...	...	4	...	...	1.1	...	...	0.8
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	22	...	...	5.8	...	...	4.1
Malignant neoplasm of ovary (C56)	...	...	39	...	...	10.3	...	...	7.7
Malignant neoplasm of prostate (C61)	...	106	...	...	28.6	...	...	27.4	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	43	26	17	5.7	7.0	4.5	4.6	6.4	2.9
Malignant neoplasm of bladder (C67)	48	27	21	6.4	7.3	5.5	4.8	7.0	3.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	29	16	13	3.9	4.3	3.4	3.3	3.8	2.9
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>157</b>	<b>90</b>	<b>67</b>	<b>20.9</b>	<b>24.3</b>	<b>17.7</b>	<b>16.9</b>	<b>22.0</b>	<b>12.7</b>
Hodgkin's disease (C81)	2	0	2	0.3	0.0	0.5	0.2	0.0	0.3
Non-Hodgkin's lymphoma (C82-C85)	70	39	31	9.3	10.5	8.2	7.5	9.3	5.6
Leukaemia (C91-C95)	48	30	18	6.4	8.1	4.7	5.2	7.5	3.5
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	37	21	16	4.9	5.7	4.2	4.0	5.2	3.2
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)	266	123	143	35.5	33.2	37.7	28.2	31.3	26.2
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	44	26	18	5.9	7.0	4.7	4.6	6.6	2.9
Anaemias (D50-D64)	20	10	10	2.7	2.7	2.6	1.9	2.6	1.6
Diabetes mellitus (E10-E14)	230	108	122	30.7	29.1	32.1	23.7	27.5	20.7
<b>Nutritional deficiencies (E40-E64)</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>0.7</b>	<b>0.5</b>	<b>0.8</b>	<b>0.5</b>	<b>0.5</b>	<b>0.3</b>
Malnutrition (E40-E46)	4	2	2	0.5	0.5	0.5	0.4	0.5	0.2
Other nutritional deficiencies (E50-E64)	1	0	1	0.1	0.0	0.3	0.1	0.0	0.1
Meningitis (G00, G03)	1	1	0	0.1	0.3	0.0	0.2	0.3	0.0
Parkinson's disease (G20-G21)	41	21	20	5.5	5.7	5.3	3.9	5.5	2.8
Alzheimer's disease (G30)	167	54	113	22.3	14.6	29.8	15.6	14.5	16.3
<b>Major cardiovascular diseases (I00-I78)</b>	<b>2,100</b>	<b>1,055</b>	<b>1,045</b>	<b>279.9</b>	<b>284.7</b>	<b>275.3</b>	<b>206.8</b>	<b>271.7</b>	<b>158.6</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>1,565</b>	<b>808</b>	<b>757</b>	<b>208.6</b>	<b>218.0</b>	<b>199.4</b>	<b>154.7</b>	<b>207.0</b>	<b>115.3</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	16	5	11	2.1	1.3	2.9	1.7	1.3	2.1
Hypertensive heart disease (I11)	17	8	9	2.3	2.2	2.4	1.6	2.1	1.1
Hypertensive heart and renal disease (I13)	4	1	3	0.5	0.3	0.8	0.3	0.3	0.4
<b>Ischaemic heart diseases (I20-I25)</b>	<b>1,064</b>	<b>578</b>	<b>486</b>	<b>141.8</b>	<b>156.0</b>	<b>128.0</b>	<b>106.1</b>	<b>147.1</b>	<b>75.4</b>
Acute myocardial infarction (I21-I22)	509	281	228	67.9	75.8	60.1	51.9	71.2	37.5
Other acute ischaemic heart diseases (I24)	10	8	2	1.3	2.2	0.5	1.0	2.0	0.3

See footnotes at the end of the table.

Table 1-5 – continued

Deaths by selected grouped causes, sex and geography — New Brunswick<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>545</b>	<b>289</b>	<b>256</b>	<b>72.6</b>	<b>78.0</b>	<b>67.4</b>	<b>53.2</b>	<b>73.9</b>	<b>37.7</b>
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)	545	289	256	72.6	78.0	67.4	53.2	73.9	37.7
<b>Other heart diseases (I26-I51)</b>	<b>464</b>	<b>216</b>	<b>248</b>	<b>61.9</b>	<b>58.3</b>	<b>65.3</b>	<b>45.1</b>	<b>56.2</b>	<b>36.4</b>
Acute and subacute endocarditis (I33)	1	1	0	0.1	0.3	0.0	0.1	0.3	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	6	3	3	0.8	0.8	0.8	0.6	0.7	0.6
Heart failure (I50)	179	68	111	23.9	18.3	29.2	16.4	18.6	15.4
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	278	144	134	37.1	38.9	35.3	27.9	36.7	20.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	23	10	13	3.1	2.7	3.4	2.2	2.7	1.9
Cerebrovascular diseases (I60-I69)	394	171	223	52.5	46.1	58.7	38.0	44.8	33.4
Atherosclerosis (I70)	25	11	14	3.3	3.0	3.7	2.5	2.9	2.2
<b>Other diseases of circulatory system (I71-I78)</b>	<b>93</b>	<b>55</b>	<b>38</b>	<b>12.4</b>	<b>14.8</b>	<b>10.0</b>	<b>9.4</b>	<b>14.2</b>	<b>5.8</b>
Aortic aneurysm and dissection (I71)	60	40	20	8.0	10.8	5.3	6.4	10.5	3.3
Other diseases of arteries, arterioles and capillaries (I72-I78)	33	15	18	4.4	4.0	4.7	3.0	3.8	2.5
Other disorders of circulatory system (I80-I99)	6	3	3	0.8	0.8	0.8	0.6	0.9	0.5
<b>Influenza and pneumonia (J10-J18)</b>	<b>97</b>	<b>46</b>	<b>51</b>	<b>12.9</b>	<b>12.4</b>	<b>13.4</b>	<b>9.4</b>	<b>11.9</b>	<b>8.0</b>
Influenza (J10-J11)	6	1	5	0.8	0.3	1.3	0.6	0.3	0.7
Pneumonia (J12-J18)	91	45	46	12.1	12.1	12.1	8.8	11.7	7.2
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>333</b>	<b>192</b>	<b>141</b>	<b>44.4</b>	<b>51.8</b>	<b>37.1</b>	<b>33.5</b>	<b>49.6</b>	<b>24.2</b>
Bronchitis, chronic and unspecified (J40-J42)	4	3	1	0.5	0.8	0.3	0.4	0.8	0.1
Emphysema (J43)	24	17	7	3.2	4.6	1.8	2.5	4.3	1.2
Asthma (J45-J46)	6	0	6	0.8	0.0	1.6	0.5	0.0	0.9
Other chronic lower respiratory diseases (J44, J47)	299	172	127	39.9	46.4	33.5	30.2	44.6	22.0
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)	24	12	12	3.2	3.2	3.2	2.3	3.0	1.7
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	78	37	41	10.4	10.0	10.8	7.6	9.9	6.2
Peptic ulcer (K25-K28)	8	3	5	1.1	0.8	1.3	0.8	0.8	0.8
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	7	3	4	0.9	0.8	1.1	0.6	0.9	0.6
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>37</b>	<b>22</b>	<b>15</b>	<b>4.9</b>	<b>5.9</b>	<b>4.0</b>	<b>4.0</b>	<b>5.1</b>	<b>3.0</b>
Alcoholic liver disease (K70)	15	13	2	2.0	3.5	0.5	1.6	2.9	0.4
Other chronic liver disease and cirrhosis (K73-K74)	22	9	13	2.9	2.4	3.4	2.4	2.3	2.6
Cholelithiasis and other disorders of gallbladder (K80-K82)	10	5	5	1.3	1.3	1.3	1.0	1.4	0.7
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>103</b>	<b>62</b>	<b>41</b>	<b>13.7</b>	<b>16.7</b>	<b>10.8</b>	<b>9.8</b>	<b>15.8</b>	<b>6.1</b>
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)	102	61	41	13.6	16.5	10.8	9.7	15.6	6.1
Other disorders of kidney (N25, N27)	1	1	0	0.1	0.3	0.0	0.1	0.2	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)	...	2	...	...	0.5	...	...	0.6	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	14	8	6	1.9	2.2	1.6	2.8	3.2	2.5
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	22	8	14	2.9	2.2	3.7	3.3	2.2	4.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	93	48	45	12.4	13.0	11.9	9.5	13.4	6.1
All other diseases (residual) <sup>7</sup>	515	195	320	68.6	52.6	84.3	51.9	51.4	51.8
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>261</b>	<b>178</b>	<b>83</b>	<b>34.8</b>	<b>48.0</b>	<b>21.9</b>	<b>30.6</b>	<b>46.4</b>	<b>17.2</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>114</b>	<b>81</b>	<b>33</b>	<b>15.2</b>	<b>21.9</b>	<b>8.7</b>	<b>14.9</b>	<b>21.2</b>	<b>8.9</b>
Motor vehicle accidents <sup>8</sup>	109	76	33	14.5	20.5	8.7	14.3	20.1	8.9
Other land transport accidents <sup>9</sup>	2	2	0	0.3	0.5	0.0	0.2	0.5	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	3	3	0	0.4	0.8	0.0	0.3	0.7	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>147</b>	<b>97</b>	<b>50</b>	<b>19.6</b>	<b>26.2</b>	<b>13.2</b>	<b>15.8</b>	<b>25.1</b>	<b>8.3</b>
Falls (W00-W19)	38	26	12	5.1	7.0	3.2	3.8	6.7	1.8
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)	13	11	2	1.7	3.0	0.5	1.5	2.6	0.5
Accidental exposure to smoke, fire and flames (X00-X09)	4	2	2	0.5	0.5	0.5	0.6	0.6	0.6

See footnotes at the end of the table.

Table 1-5 – continued

Deaths by selected grouped causes, sex and geography — New Brunswick<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	13	8	5	1.7	2.2	1.3	1.7	2.1	1.3
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	79	50	29	10.5	13.5	7.6	8.2	13.1	4.1
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>97</b>	<b>82</b>	<b>15</b>	<b>12.9</b>	<b>22.1</b>	<b>4.0</b>	<b>12.3</b>	<b>21.3</b>	<b>3.4</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	33	33	0	4.4	8.9	0.0	4.1	8.4	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	64	49	15	8.5	13.2	4.0	8.2	12.9	3.4
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>9</b>	<b>9</b>	<b>0</b>	<b>1.2</b>	<b>2.4</b>	<b>0.0</b>	<b>1.3</b>	<b>2.5</b>	<b>0.0</b>
Assault (homicide) by discharge of firearms (X93-X95)	3	3	0	0.4	0.8	0.0	0.5	0.9	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	6	6	0	0.8	1.6	0.0	0.8	1.5	0.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.4</b>	<b>0.5</b>
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)	4	2	2	0.5	0.5	0.5	0.5	0.4	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)	12	7	5	1.6	1.9	1.3	1.3	1.9	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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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 — Quebec<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89) <sup>3, 4, 5</sup></b>	<b>55,534</b>	<b>28,049</b>	<b>27,485</b>	<b>746.1</b>	<b>764.1</b>	<b>728.6</b>	<b>616.3</b>	<b>798.0</b>	<b>490.6</b>
Salmonella infections (A01-A02)	3	1	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)	169	68	101	2.3	1.9	2.7	1.9	2.1	1.7
<b>Tuberculosis (A16-A19)</b>	<b>16</b>	<b>8</b>	<b>8</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
Respiratory tuberculosis (A16)	13	6	7	0.2	0.2	0.2	0.1	0.2	0.1
Other tuberculosis (A17-A19)	3	2	1	0.0	0.1	0.0	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)	3	0	3	0.0	0.0	0.1	0.0	0.0	0.1
Septicaemia (A40-A41)	315	142	173	4.2	3.9	4.6	3.5	4.2	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)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	66	35	31	0.9	1.0	0.8	0.7	0.8	0.6
Human immunodeficiency virus [HIV] disease (B20-B24)	126	112	14	1.7	3.1	0.4	1.5	2.7	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 <sup>6</sup>	165	70	95	2.2	1.9	2.5	1.8	2.0	1.7
<b>Malignant neoplasms (C00-C97)</b>	<b>17,558</b>	<b>9,370</b>	<b>8,188</b>	<b>235.9</b>	<b>255.2</b>	<b>217.0</b>	<b>195.1</b>	<b>253.7</b>	<b>157.6</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	266	203	63	3.6	5.5	1.7	3.0	5.3	1.3
Malignant neoplasm of oesophagus (C15)	289	217	72	3.9	5.9	1.9	3.2	5.6	1.3
Malignant neoplasm of stomach (C16)	568	339	229	7.6	9.2	6.1	6.3	9.3	4.2
Malignant neoplasms of colon, rectum and anus (C18-C21)	2,110	1,098	1,012	28.3	29.9	26.8	23.3	29.8	18.6
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	385	237	148	5.2	6.5	3.9	4.3	6.3	2.8
Malignant neoplasm of pancreas (C25)	851	430	421	11.4	11.7	11.2	9.5	11.3	8.0
Malignant neoplasm of larynx (C32)	172	134	38	2.3	3.7	1.0	1.9	3.6	0.8
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	5,362	3,363	1,999	72.0	91.6	53.0	59.8	89.0	39.7
Malignant melanoma of skin (C43)	131	88	43	1.8	2.4	1.1	1.5	2.2	0.9
Malignant neoplasm of breast (C50)	1,307	5	1,302	17.6	0.1	34.5	14.3	0.1	25.2
Malignant neoplasm of cervix uteri (C53)	...	...	79	...	...	2.1	...	...	1.7
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	182	...	...	4.8	...	...	3.4
Malignant neoplasm of ovary (C56)	...	...	377	...	...	10.0	...	...	7.5
Malignant neoplasm of prostate (C61)	...	794	...	...	21.6	...	...	23.8	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	361	227	134	4.8	6.2	3.6	4.0	6.0	2.6
Malignant neoplasm of bladder (C67)	364	262	102	4.9	7.1	2.7	4.0	7.7	1.8
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	426	232	194	5.7	6.3	5.1	4.9	5.9	4.1
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>1,450</b>	<b>753</b>	<b>697</b>	<b>19.5</b>	<b>20.5</b>	<b>18.5</b>	<b>16.4</b>	<b>20.4</b>	<b>13.5</b>
Hodgkin's disease (C81)	16	11	5	0.2	0.3	0.1	0.2	0.3	0.1
Non-Hodgkin's lymphoma (C82-C85)	644	334	310	8.7	9.1	8.2	7.3	8.9	6.0
Leukaemia (C91-C95)	487	260	227	6.5	7.1	6.0	5.6	7.3	4.5
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	300	146	154	4.0	4.0	4.1	3.3	4.0	2.8
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	3	2	1	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)	2,084	988	1,096	28.0	26.9	29.1	23.1	27.4	20.4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	338	162	176	4.5	4.4	4.7	3.7	4.7	3.2
Anaemias (D50-D64)	148	62	86	2.0	1.7	2.3	1.6	2.0	1.4
Diabetes mellitus (E10-E14)	1,827	903	924	24.5	24.6	24.5	20.0	25.4	16.1
<b>Nutritional deficiencies (E40-E64)</b>	<b>81</b>	<b>34</b>	<b>47</b>	<b>1.1</b>	<b>0.9</b>	<b>1.2</b>	<b>0.9</b>	<b>1.1</b>	<b>0.8</b>
Malnutrition (E40-E46)	77	33	44	1.0	0.9	1.2	0.8	1.0	0.7
Other nutritional deficiencies (E50-E64)	4	1	3	0.1	0.0	0.1	0.0	0.0	0.0
Meningitis (G00, G03)	12	7	5	0.2	0.2	0.1	0.2	0.2	0.1
Parkinson's disease (G20-G21)	458	227	231	6.2	6.2	6.1	4.9	6.9	3.8
Alzheimer's disease (G30)	1,797	480	1,317	24.1	13.1	34.9	19.0	15.8	20.5
<b>Major cardiovascular diseases (I00-I78)</b>	<b>16,182</b>	<b>7,987</b>	<b>8,195</b>	<b>217.4</b>	<b>217.6</b>	<b>217.2</b>	<b>175.6</b>	<b>231.2</b>	<b>136.6</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>12,104</b>	<b>6,191</b>	<b>5,913</b>	<b>162.6</b>	<b>168.6</b>	<b>156.7</b>	<b>131.5</b>	<b>177.3</b>	<b>98.7</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	150	37	113	2.0	1.0	3.0	1.7	1.0	2.0
Hypertensive heart disease (I11)	90	29	61	1.2	0.8	1.6	1.0	0.9	0.9
Hypertensive heart and renal disease (I13)	32	13	19	0.4	0.4	0.5	0.3	0.4	0.3
<b>Ischaemic heart diseases (I20-I25)</b>	<b>9,026</b>	<b>4,876</b>	<b>4,150</b>	<b>121.3</b>	<b>132.8</b>	<b>110.0</b>	<b>98.1</b>	<b>138.9</b>	<b>69.3</b>
Acute myocardial infarction (I21-I22)	5,141	2,921	2,220	69.1	79.6	58.8	56.1	81.1	38.0
Other acute ischaemic heart diseases (I24)	231	131	100	3.1	3.6	2.7	2.5	3.7	1.7

See footnotes at the end of the table.

Table 1-6 – continued

Deaths by selected grouped causes, sex and geography — Quebec<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>3,654</b>	<b>1,824</b>	<b>1,830</b>	<b>49.1</b>	<b>49.7</b>	<b>48.5</b>	<b>39.4</b>	<b>54.1</b>	<b>29.6</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	13	9	4	0.2	0.2	0.1	0.1	0.2	0.1
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,641	1,815	1,826	48.9	49.4	48.4	39.3	53.9	29.5
<b>Other heart diseases (I26-I51)</b>	<b>2,806</b>	<b>1,236</b>	<b>1,570</b>	<b>37.7</b>	<b>33.7</b>	<b>41.6</b>	<b>30.4</b>	<b>36.1</b>	<b>26.1</b>
Acute and subacute endocarditis (I33)	17	10	7	0.2	0.3	0.2	0.2	0.2	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	33	16	17	0.4	0.4	0.5	0.4	0.4	0.4
Heart failure (I50)	1,057	449	608	14.2	12.2	16.1	11.4	13.8	9.7
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,699	761	938	22.8	20.7	24.9	18.5	21.6	15.9
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	230	84	146	3.1	2.3	3.9	2.4	2.6	2.3
Cerebrovascular diseases (I60-I69)	2,997	1,233	1,764	40.3	33.6	46.8	32.4	37.3	29.4
Atherosclerosis (I70)	166	78	88	2.2	2.1	2.3	1.8	2.4	1.4
<b>Other diseases of circulatory system (I71-I78)</b>	<b>685</b>	<b>401</b>	<b>284</b>	<b>9.2</b>	<b>10.9</b>	<b>7.5</b>	<b>7.5</b>	<b>11.5</b>	<b>4.9</b>
Aortic aneurysm and dissection (I71)	480	293	187	6.4	8.0	5.0	5.3	8.4	3.2
Other diseases of arteries, arterioles and capillaries (I72-I78)	205	108	97	2.8	2.9	2.6	2.2	3.2	1.6
Other disorders of circulatory system (I80-I99)	96	36	60	1.3	1.0	1.6	1.1	1.0	1.1
<b>Influenza and pneumonia (J10-J18)</b>	<b>812</b>	<b>355</b>	<b>457</b>	<b>10.9</b>	<b>9.7</b>	<b>12.1</b>	<b>8.7</b>	<b>11.6</b>	<b>7.3</b>
Influenza (J10-J11)	48	22	26	0.6	0.6	0.7	0.5	0.7	0.4
Pneumonia (J12-J18)	764	333	431	10.3	9.1	11.4	8.2	10.9	6.9
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>49</b>	<b>22</b>	<b>27</b>	<b>0.7</b>	<b>0.6</b>	<b>0.7</b>	<b>0.5</b>	<b>0.7</b>	<b>0.4</b>
Acute bronchitis and bronchiolitis (J20-J21)	41	21	20	0.6	0.6	0.5	0.4	0.7	0.3
Unspecified acute lower respiratory infection (J22)	8	1	7	0.1	0.0	0.2	0.1	0.0	0.1
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>2,794</b>	<b>1,569</b>	<b>1,225</b>	<b>37.5</b>	<b>42.7</b>	<b>32.5</b>	<b>30.5</b>	<b>48.0</b>	<b>21.7</b>
Bronchitis, chronic and unspecified (J40-J42)	77	35	42	1.0	1.0	1.1	0.8	1.1	0.6
Emphysema (J43)	187	105	82	2.5	2.9	2.2	2.1	2.9	1.6
Asthma (J45-J46)	35	8	27	0.5	0.2	0.7	0.4	0.3	0.5
Other chronic lower respiratory diseases (J44, J47)	2,495	1,421	1,074	33.5	38.7	28.5	27.2	43.7	19.0
Pneumoconioses and chemical effects (J60-J66, J68)	14	14	0	0.2	0.4	0.0	0.2	0.4	0.0
Pneumonitis due to solids and liquids (J69)	176	104	72	2.4	2.8	1.9	1.9	3.3	1.3
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	583	309	274	7.8	8.4	7.3	6.4	9.0	4.9
Peptic ulcer (K25-K28)	72	34	38	1.0	0.9	1.0	0.8	0.9	0.6
Diseases of appendix (K35-K38)	8	5	3	0.1	0.1	0.1	0.1	0.2	0.1
Hernia (K40-K46)	52	21	31	0.7	0.6	0.8	0.6	0.6	0.6
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>623</b>	<b>415</b>	<b>208</b>	<b>8.4</b>	<b>11.3</b>	<b>5.5</b>	<b>7.0</b>	<b>10.3</b>	<b>4.1</b>
Alcoholic liver disease (K70)	259	201	58	3.5	5.5	1.5	2.9	4.9	1.2
Other chronic liver disease and cirrhosis (K73-K74)	364	214	150	4.9	5.8	4.0	4.1	5.4	2.9
Cholelithiasis and other disorders of gallbladder (K80-K82)	92	46	46	1.2	1.3	1.2	1.0	1.5	0.7
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>987</b>	<b>488</b>	<b>499</b>	<b>13.3</b>	<b>13.3</b>	<b>13.2</b>	<b>10.6</b>	<b>15.0</b>	<b>8.3</b>
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)	8	3	5	0.1	0.1	0.1	0.1	0.1	0.1
Renal failure (N17-N19)	975	482	493	13.1	13.1	13.1	10.5	14.8	8.2
Other disorders of kidney (N25, N27)	2	2	0	0.0	0.1	0.0	0.0	0.1	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	34	10	24	0.5	0.3	0.6	0.4	0.3	0.4
Hyperplasia of prostate (N40)	...	8	...	...	0.2	...	...	0.3	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	2	...	...	0.1	...	...	0.0
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	199	104	95	2.7	2.8	2.5	3.9	4.0	3.9
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	165	82	83	2.2	2.2	2.2	2.6	2.7	2.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	464	232	232	6.2	6.3	6.1	5.4	6.6	4.1
All other diseases (residual) <sup>7</sup>	5,621	2,284	3,337	75.5	62.2	88.5	61.5	67.7	56.2
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>1,977</b>	<b>1,140</b>	<b>837</b>	<b>26.6</b>	<b>31.1</b>	<b>22.2</b>	<b>23.8</b>	<b>31.9</b>	<b>16.1</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>726</b>	<b>514</b>	<b>212</b>	<b>9.8</b>	<b>14.0</b>	<b>5.6</b>	<b>9.5</b>	<b>13.9</b>	<b>5.3</b>
Motor vehicle accidents <sup>8</sup>	691	483	208	9.3	13.2	5.5	9.1	13.1	5.2
Other land transport accidents <sup>9</sup>	11	10	1	0.1	0.3	0.0	0.1	0.3	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	24	21	3	0.3	0.6	0.1	0.3	0.6	0.1
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>1,251</b>	<b>626</b>	<b>625</b>	<b>16.8</b>	<b>17.1</b>	<b>16.6</b>	<b>14.2</b>	<b>17.9</b>	<b>10.7</b>
Falls (W00-W19)	229	136	93	3.1	3.7	2.5	2.5	3.7	1.6
Accidental discharge of firearms (W32-W34)	11	10	1	0.1	0.3	0.0	0.1	0.3	0.0
Accidental drowning and submersion (W65-W74)	68	52	16	0.9	1.4	0.4	0.9	1.4	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	36	22	14	0.5	0.6	0.4	0.4	0.6	0.3

See footnotes at the end of the table.



Table 1-6 – continued

Deaths by selected grouped causes, sex and geography — Quebec<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	112	75	37	1.5	2.0	1.0	1.4	1.9	0.9
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	795	331	464	10.7	9.0	12.3	8.8	10.1	7.6
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>1,247</b>	<b>976</b>	<b>271</b>	<b>16.8</b>	<b>26.6</b>	<b>7.2</b>	<b>16.0</b>	<b>25.5</b>	<b>6.8</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	176	170	6	2.4	4.6	0.2	2.1	4.2	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	1,071	806	265	14.4	22.0	7.0	13.9	21.2	6.7
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>93</b>	<b>60</b>	<b>33</b>	<b>1.2</b>	<b>1.6</b>	<b>0.9</b>	<b>1.3</b>	<b>1.7</b>	<b>0.9</b>
Assault (homicide) by discharge of firearms (X93-X95)	21	19	2	0.3	0.5	0.1	0.3	0.6	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	72	41	31	1.0	1.1	0.8	1.0	1.1	0.9
Legal intervention (Y35, Y89.0)	5	5	0	0.1	0.1	0.0	0.1	0.1	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>66</b>	<b>50</b>	<b>16</b>	<b>0.9</b>	<b>1.4</b>	<b>0.4</b>	<b>0.8</b>	<b>1.3</b>	<b>0.4</b>
Discharge of firearms, undetermined intent (Y22-Y24)	2	2	0	0.0	0.1	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)	64	48	16	0.9	1.3	0.4	0.8	1.2	0.4
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)	28	11	17	0.4	0.3	0.5	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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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 — Ontario<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89) <sup>3, 4, 5</sup></b>	<b>82,234</b>	<b>41,252</b>	<b>40,982</b>	<b>679.8</b>	<b>690.2</b>	<b>669.6</b>	<b>586.0</b>	<b>721.5</b>	<b>482.9</b>
Salmonella infections (A01-A02)	2	0	2	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)	114	38	76	0.9	0.6	1.2	0.8	0.7	0.9
<b>Tuberculosis (A16-A19)</b>	<b>43</b>	<b>20</b>	<b>23</b>	<b>0.4</b>	<b>0.3</b>	<b>0.4</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>
Respiratory tuberculosis (A16)	35	18	17	0.3	0.3	0.3	0.2	0.3	0.2
Other tuberculosis (A17-A19)	8	2	6	0.1	0.0	0.1	0.1	0.0	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)	9	6	3	0.1	0.1	0.0	0.1	0.1	0.1
Septicaemia (A40-A41)	669	309	360	5.5	5.2	5.9	4.7	5.6	4.1
Syphilis (A50-A53)	2	2	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)	164	107	57	1.4	1.8	0.9	1.2	1.6	0.7
Human immunodeficiency virus [HIV] disease (B20-B24)	132	114	18	1.1	1.9	0.3	1.0	1.7	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 <sup>6</sup>	168	83	85	1.4	1.4	1.4	1.2	1.4	1.1
<b>Malignant neoplasms (C00-C97)</b>	<b>24,003</b>	<b>12,629</b>	<b>11,374</b>	<b>198.4</b>	<b>211.3</b>	<b>185.8</b>	<b>174.2</b>	<b>213.8</b>	<b>147.1</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	422	282	140	3.5	4.7	2.3	3.1	4.7	1.8
Malignant neoplasm of oesophagus (C15)	602	433	169	5.0	7.2	2.8	4.4	7.1	2.1
Malignant neoplasm of stomach (C16)	646	403	243	5.3	6.7	4.0	4.7	6.8	3.1
Malignant neoplasms of colon, rectum and anus (C18-C21)	2,613	1,413	1,200	21.6	23.6	19.6	18.9	24.0	14.9
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	574	376	198	4.7	6.3	3.2	4.2	6.1	2.6
Malignant neoplasm of pancreas (C25)	1,165	556	609	9.6	9.3	10.0	8.4	9.3	7.7
Malignant neoplasm of larynx (C32)	165	132	33	1.4	2.2	0.5	1.2	2.2	0.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	5,910	3,449	2,461	48.9	57.7	40.2	43.4	57.4	32.7
Malignant melanoma of skin (C43)	359	226	133	3.0	3.8	2.2	2.6	3.7	1.8
Malignant neoplasm of breast (C50)	1,916	24	1,892	15.8	0.4	30.9	13.8	0.4	24.7
Malignant neoplasm of cervix uteri (C53)	...	...	130	...	...	2.1	...	...	1.8
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	273	...	...	4.5	...	...	3.5
Malignant neoplasm of ovary (C56)	...	...	619	...	...	10.1	...	...	8.3
Malignant neoplasm of prostate (C61)	...	1,383	...	...	23.1	...	...	24.8	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	445	284	161	3.7	4.8	2.6	3.2	4.7	2.0
Malignant neoplasm of bladder (C67)	605	432	173	5.0	7.2	2.8	4.3	7.6	2.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	557	321	236	4.6	5.4	3.9	4.2	5.2	3.3
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>2,304</b>	<b>1,270</b>	<b>1,034</b>	<b>19.0</b>	<b>21.3</b>	<b>16.9</b>	<b>16.7</b>	<b>21.5</b>	<b>13.2</b>
Hodgkin's disease (C81)	48	31	17	0.4	0.5	0.3	0.4	0.5	0.3
Non-Hodgkin's lymphoma (C82-C85)	953	515	438	7.9	8.6	7.2	6.9	8.6	5.7
Leukaemia (C91-C95)	806	464	342	6.7	7.8	5.6	5.9	7.9	4.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	495	259	236	4.1	4.3	3.9	3.5	4.4	3.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	2	1	1	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)	3,315	1,645	1,670	27.4	27.5	27.3	23.9	28.1	21.1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	578	289	289	4.8	4.8	4.7	4.1	5.2	3.4
Anaemias (D50-D64)	166	53	113	1.4	0.9	1.8	1.1	1.0	1.2
Diabetes mellitus (E10-E14)	3,212	1,625	1,587	26.6	27.2	25.9	22.7	28.1	18.6
<b>Nutritional deficiencies (E40-E64)</b>	<b>64</b>	<b>24</b>	<b>40</b>	<b>0.5</b>	<b>0.4</b>	<b>0.7</b>	<b>0.4</b>	<b>0.5</b>	<b>0.5</b>
Malnutrition (E40-E46)	55	20	35	0.5	0.3	0.6	0.4	0.4	0.4
Other nutritional deficiencies (E50-E64)	9	4	5	0.1	0.1	0.1	0.1	0.1	0.0
Meningitis (G00, G03)	23	12	11	0.2	0.2	0.2	0.2	0.2	0.1
Parkinson's disease (G20-G21)	589	330	259	4.9	5.5	4.2	4.0	6.1	2.8
Alzheimer's disease (G30)	1,777	562	1,215	14.7	9.4	19.9	11.9	10.8	12.5
<b>Major cardiovascular diseases (I00-I78)</b>	<b>28,117</b>	<b>13,740</b>	<b>14,377</b>	<b>232.4</b>	<b>229.9</b>	<b>234.9</b>	<b>195.1</b>	<b>244.0</b>	<b>156.5</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>20,164</b>	<b>10,336</b>	<b>9,828</b>	<b>166.7</b>	<b>172.9</b>	<b>160.6</b>	<b>140.3</b>	<b>182.6</b>	<b>107.5</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	144	41	103	1.2	0.7	1.7	1.0	0.7	1.3
Hypertensive heart disease (I11)	199	90	109	1.6	1.5	1.8	1.4	1.5	1.2
Hypertensive heart and renal disease (I13)	39	16	23	0.3	0.3	0.4	0.3	0.3	0.3
<b>Ischaemic heart diseases (I20-I25)</b>	<b>16,175</b>	<b>8,638</b>	<b>7,537</b>	<b>133.7</b>	<b>144.5</b>	<b>123.2</b>	<b>112.6</b>	<b>151.7</b>	<b>82.3</b>
Acute myocardial infarction (I21-I22)	7,039	3,920	3,119	58.2	65.6	51.0	49.3	67.9	34.8
Other acute ischaemic heart diseases (I24)	280	150	130	2.3	2.5	2.1	2.0	2.6	1.4

See footnotes at the end of the table.

Table 1-7 – continued

Deaths by selected grouped causes, sex and geography — Ontario<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>8,856</b>	<b>4,568</b>	<b>4,288</b>	<b>73.2</b>	<b>76.4</b>	<b>70.1</b>	<b>61.4</b>	<b>81.2</b>	<b>46.0</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	237	148	89	2.0	2.5	1.5	1.7	2.5	1.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	8,619	4,420	4,199	71.3	74.0	68.6	59.7	78.7	45.0
<b>Other heart diseases (I26-I51)</b>	<b>3,607</b>	<b>1,551</b>	<b>2,056</b>	<b>29.8</b>	<b>26.0</b>	<b>33.6</b>	<b>25.0</b>	<b>28.3</b>	<b>22.5</b>
Acute and subacute endocarditis (I33)	30	21	9	0.2	0.4	0.1	0.2	0.3	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	36	20	16	0.3	0.3	0.3	0.3	0.3	0.2
Heart failure (I50)	1,247	484	763	10.3	8.1	12.5	8.4	9.3	7.8
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	2,294	1,026	1,268	19.0	17.2	20.7	16.1	18.2	14.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	410	168	242	3.4	2.8	4.0	2.8	3.0	2.5
Cerebrovascular diseases (I60-I69)	5,927	2,420	3,507	49.0	40.5	57.3	40.7	43.8	37.9
Atherosclerosis (I70)	473	175	298	3.9	2.9	4.9	3.2	3.3	3.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>1,143</b>	<b>641</b>	<b>502</b>	<b>9.4</b>	<b>10.7</b>	<b>8.2</b>	<b>8.0</b>	<b>11.3</b>	<b>5.7</b>
Aortic aneurysm and dissection (I71)	721	459	262	6.0	7.7	4.3	5.1	8.0	3.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	422	182	240	3.5	3.0	3.9	2.9	3.3	2.7
Other disorders of circulatory system (I80-I99)	148	60	88	1.2	1.0	1.4	1.1	1.0	1.1
<b>Influenza and pneumonia (J10-J18)</b>	<b>1,917</b>	<b>815</b>	<b>1,102</b>	<b>15.8</b>	<b>13.6</b>	<b>18.0</b>	<b>13.1</b>	<b>15.8</b>	<b>11.5</b>
Influenza (J10-J11)	85	36	49	0.7	0.6	0.8	0.6	0.7	0.5
Pneumonia (J12-J18)	1,832	779	1,053	15.1	13.0	17.2	12.5	15.1	11.0
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>13</b>	<b>4</b>	<b>9</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>
Acute bronchitis and bronchiolitis (J20-J21)	6	3	3	0.0	0.1	0.0	0.0	0.1	0.0
Unspecified acute lower respiratory infection (J22)	7	1	6	0.1	0.0	0.1	0.0	0.0	0.1
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>3,197</b>	<b>1,661</b>	<b>1,536</b>	<b>26.4</b>	<b>27.8</b>	<b>25.1</b>	<b>22.4</b>	<b>30.1</b>	<b>18.0</b>
Bronchitis, chronic and unspecified (J40-J42)	34	15	19	0.3	0.3	0.3	0.2	0.3	0.2
Emphysema (J43)	249	129	120	2.1	2.2	2.0	1.8	2.3	1.5
Asthma (J45-J46)	94	27	67	0.8	0.5	1.1	0.7	0.5	0.8
Other chronic lower respiratory diseases (J44, J47)	2,820	1,490	1,330	23.3	24.9	21.7	19.7	27.0	15.5
Pneumoconioses and chemical effects (J60-J66, J68)	15	15	0	0.1	0.3	0.0	0.1	0.2	0.0
Pneumonitis due to solids and liquids (J69)	354	192	162	2.9	3.2	2.6	2.4	3.6	1.8
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	682	362	320	5.6	6.1	5.2	4.8	6.3	3.7
Peptic ulcer (K25-K28)	181	90	91	1.5	1.5	1.5	1.3	1.6	1.0
Diseases of appendix (K35-K38)	19	11	8	0.2	0.2	0.1	0.1	0.2	0.1
Hernia (K40-K46)	96	44	52	0.8	0.7	0.8	0.7	0.8	0.6
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>911</b>	<b>603</b>	<b>308</b>	<b>7.5</b>	<b>10.1</b>	<b>5.0</b>	<b>6.8</b>	<b>9.5</b>	<b>4.3</b>
Alcoholic liver disease (K70)	447	315	132	3.7	5.3	2.2	3.3	4.9	1.9
Other chronic liver disease and cirrhosis (K73-K74)	464	288	176	3.8	4.8	2.9	3.4	4.7	2.4
Cholelithiasis and other disorders of gallbladder (K80-K82)	119	59	60	1.0	1.0	1.0	0.8	1.1	0.7
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>1,186</b>	<b>604</b>	<b>582</b>	<b>9.8</b>	<b>10.1</b>	<b>9.5</b>	<b>8.2</b>	<b>11.2</b>	<b>6.5</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	9	6	3	0.1	0.1	0.0	0.1	0.1	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	13	7	6	0.1	0.1	0.1	0.1	0.1	0.1
Renal failure (N17-N19)	1,164	591	573	9.6	9.9	9.4	8.0	11.0	6.4
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)	33	11	22	0.3	0.2	0.4	0.2	0.2	0.2
Hyperplasia of prostate (N40)	...	23	...	...	0.4	...	...	0.4	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	3	...	...	0.0	...	...	0.0
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>10</b>	<b>...</b>	<b>...</b>	<b>0.2</b>	<b>...</b>	<b>...</b>	<b>0.2</b>
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	10	...	...	0.2	...	...	0.2
Certain conditions originating in the perinatal period (P00-P96)	392	224	168	3.2	3.7	2.7	4.4	4.8	3.8
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	309	159	150	2.6	2.7	2.5	2.9	3.0	2.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	1,440	780	660	11.9	13.1	10.8	10.9	13.1	8.3
All other diseases (residual) <sup>7</sup>	6,913	2,827	4,086	57.1	47.3	66.8	48.6	50.6	46.1
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>3,051</b>	<b>1,754</b>	<b>1,297</b>	<b>25.2</b>	<b>29.3</b>	<b>21.2</b>	<b>22.8</b>	<b>30.3</b>	<b>16.0</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>941</b>	<b>635</b>	<b>306</b>	<b>7.8</b>	<b>10.6</b>	<b>5.0</b>	<b>7.6</b>	<b>10.6</b>	<b>4.7</b>
Motor vehicle accidents <sup>8</sup>	862	571	291	7.1	9.6	4.8	7.0	9.6	4.5
Other land transport accidents <sup>9</sup>	21	15	6	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)	58	49	9	0.5	0.8	0.1	0.5	0.8	0.1
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>2,110</b>	<b>1,119</b>	<b>991</b>	<b>17.4</b>	<b>18.7</b>	<b>16.2</b>	<b>15.2</b>	<b>19.7</b>	<b>11.2</b>
Falls (W00-W19)	811	395	416	6.7	6.6	6.8	5.6	7.2	4.5
Accidental discharge of firearms (W32-W34)	2	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	93	73	20	0.8	1.2	0.3	0.8	1.3	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	78	46	32	0.6	0.8	0.5	0.6	0.8	0.5

See footnotes at the end of the table.

Table 1-7 – continued

Deaths by selected grouped causes, sex and geography — Ontario<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	307	212	95	2.5	3.5	1.6	2.4	3.4	1.4
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	819	392	427	6.8	6.6	7.0	5.8	7.0	4.5
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>947</b>	<b>730</b>	<b>217</b>	<b>7.8</b>	<b>12.2</b>	<b>3.5</b>	<b>7.5</b>	<b>11.8</b>	<b>3.4</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	145	140	5	1.2	2.3	0.1	1.1	2.2	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	802	590	212	6.6	9.9	3.5	6.4	9.6	3.4
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>144</b>	<b>98</b>	<b>46</b>	<b>1.2</b>	<b>1.6</b>	<b>0.8</b>	<b>1.2</b>	<b>1.7</b>	<b>0.7</b>
Assault (homicide) by discharge of firearms (X93-X95)	61	48	13	0.5	0.8	0.2	0.5	0.8	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	83	50	33	0.7	0.8	0.5	0.7	0.9	0.5
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>222</b>	<b>144</b>	<b>78</b>	<b>1.8</b>	<b>2.4</b>	<b>1.3</b>	<b>1.7</b>	<b>2.3</b>	<b>1.1</b>
Discharge of firearms, undetermined intent (Y22-Y24)	8	8	0	0.1	0.1	0.0	0.1	0.1	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	214	136	78	1.8	2.3	1.3	1.6	2.1	1.1
Operations of war and their sequelae (Y36, Y89.1)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	75	37	38	0.6	0.6	0.6	0.6	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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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 — Manitoba<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89) <sup>3, 4, 5</sup></b>	<b>9,849</b>	<b>4,879</b>	<b>4,970</b>	<b>852.4</b>	<b>851.7</b>	<b>853.0</b>	<b>639.1</b>	<b>794.8</b>	<b>523.3</b>
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)	14	9	5	1.2	1.6	0.9	0.8	1.4	0.4
<b>Tuberculosis (A16-A19)</b>	<b>9</b>	<b>4</b>	<b>5</b>	<b>0.8</b>	<b>0.7</b>	<b>0.9</b>	<b>0.7</b>	<b>0.6</b>	<b>0.7</b>
Respiratory tuberculosis (A16)	7	3	4	0.6	0.5	0.7	0.5	0.4	0.5
Other tuberculosis (A17-A19)	2	1	1	0.2	0.2	0.2	0.2	0.2	0.2
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	22	32	4.7	3.8	5.5	3.4	3.5	3.6
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)	10	4	6	0.9	0.7	1.0	0.7	0.6	0.8
Human immunodeficiency virus [HIV] disease (B20-B24)	7	7	0	0.6	1.2	0.0	0.6	1.1	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 <sup>6</sup>	20	12	8	1.7	2.1	1.4	1.4	2.1	0.7
<b>Malignant neoplasms (C00-C97)</b>	<b>2,565</b>	<b>1,305</b>	<b>1,260</b>	<b>222.0</b>	<b>227.8</b>	<b>216.2</b>	<b>178.4</b>	<b>212.5</b>	<b>157.4</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	44	30	14	3.8	5.2	2.4	3.2	5.1	1.6
Malignant neoplasm of oesophagus (C15)	62	46	16	5.4	8.0	2.7	4.4	7.5	2.0
Malignant neoplasm of stomach (C16)	69	36	33	6.0	6.3	5.7	4.5	5.7	3.4
Malignant neoplasms of colon, rectum and anus (C18-C21)	331	169	162	28.6	29.5	27.8	23.2	28.0	19.4
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	57	41	16	4.9	7.2	2.7	4.0	6.6	1.9
Malignant neoplasm of pancreas (C25)	115	52	63	10.0	9.1	10.8	7.8	8.3	7.3
Malignant neoplasm of larynx (C32)	12	11	1	1.0	1.9	0.2	0.9	1.8	0.1
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	604	321	283	52.3	56.0	48.6	43.1	52.4	36.8
Malignant melanoma of skin (C43)	29	18	11	2.5	3.1	1.9	2.2	3.0	1.6
Malignant neoplasm of breast (C50)	200	1	199	17.3	0.2	34.2	13.9	0.1	25.3
Malignant neoplasm of cervix uteri (C53)	...	...	14	...	...	2.4	...	...	1.9
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	32	...	...	5.5	...	...	4.0
Malignant neoplasm of ovary (C56)	...	...	63	...	...	10.8	...	...	8.4
Malignant neoplasm of prostate (C61)	...	168	...	...	29.3	...	...	27.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	56	35	21	4.8	6.1	3.6	3.9	5.8	2.5
Malignant neoplasm of bladder (C67)	65	50	15	5.6	8.7	2.6	4.4	8.2	1.7
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	57	35	22	4.9	6.1	3.8	4.4	6.0	3.1
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>258</b>	<b>134</b>	<b>124</b>	<b>22.3</b>	<b>23.4</b>	<b>21.3</b>	<b>17.7</b>	<b>21.5</b>	<b>15.7</b>
Hodgkin's disease (C81)	4	2	2	0.3	0.3	0.3	0.3	0.3	0.5
Non-Hodgkin's lymphoma (C82-C85)	119	53	66	10.3	9.3	11.3	8.2	8.5	8.2
Leukaemia (C91-C95)	88	49	39	7.6	8.6	6.7	6.0	8.0	4.7
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	46	29	17	4.0	5.1	2.9	3.1	4.6	2.3
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	1	0	0.1	0.2	0.0	0.1	0.2	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)	329	158	171	28.5	27.6	29.3	22.5	25.5	20.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	84	42	42	7.3	7.3	7.2	5.4	6.8	4.2
Anaemias (D50-D64)	30	16	14	2.6	2.8	2.4	1.8	2.6	1.2
Diabetes mellitus (E10-E14)	451	224	227	39.0	39.1	39.0	29.4	36.2	23.8
<b>Nutritional deficiencies (E40-E64)</b>	<b>20</b>	<b>7</b>	<b>13</b>	<b>1.7</b>	<b>1.2</b>	<b>2.2</b>	<b>1.1</b>	<b>1.1</b>	<b>1.2</b>
Malnutrition (E40-E46)	17	6	11	1.5	1.0	1.9	1.0	0.9	1.0
Other nutritional deficiencies (E50-E64)	3	1	2	0.3	0.2	0.3	0.2	0.1	0.2
Meningitis (G00, G03)	6	4	2	0.5	0.7	0.3	0.5	0.8	0.3
Parkinson's disease (G20-G21)	76	41	35	6.6	7.2	6.0	4.5	6.4	3.6
Alzheimer's disease (G30)	144	50	94	12.5	8.7	16.1	7.4	7.9	7.4
<b>Major cardiovascular diseases (I00-I78)</b>	<b>3,361</b>	<b>1,638</b>	<b>1,723</b>	<b>290.9</b>	<b>285.9</b>	<b>295.7</b>	<b>203.8</b>	<b>264.0</b>	<b>157.3</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>2,394</b>	<b>1,243</b>	<b>1,151</b>	<b>207.2</b>	<b>217.0</b>	<b>197.5</b>	<b>147.5</b>	<b>200.9</b>	<b>106.9</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	18	9	9	1.6	1.6	1.5	1.2	1.4	1.3
Hypertensive heart disease (I11)	40	18	22	3.5	3.1	3.8	2.4	2.8	1.9
Hypertensive heart and renal disease (I13)	10	3	7	0.9	0.5	1.2	0.6	0.5	0.7
<b>Ischaemic heart diseases (I20-I25)</b>	<b>1,706</b>	<b>920</b>	<b>786</b>	<b>147.6</b>	<b>160.6</b>	<b>134.9</b>	<b>106.3</b>	<b>148.7</b>	<b>73.8</b>
Acute myocardial infarction (I21-I22)	730	429	301	63.2	74.9	51.7	46.2	69.3	28.9
Other acute ischaemic heart diseases (I24)	13	8	5	1.1	1.4	0.9	0.8	1.2	0.5

See footnotes at the end of the table.

Table 1-8 – continued

Deaths by selected grouped causes, sex and geography — Manitoba<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>963</b>	<b>483</b>	<b>480</b>	<b>83.3</b>	<b>84.3</b>	<b>82.4</b>	<b>59.2</b>	<b>78.2</b>	<b>44.4</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	47	18	29	4.1	3.1	5.0	2.7	2.9	2.7
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	916	465	451	79.3	81.2	77.4	56.5	75.2	41.7
<b>Other heart diseases (I26-I51)</b>	<b>620</b>	<b>293</b>	<b>327</b>	<b>53.7</b>	<b>51.1</b>	<b>56.1</b>	<b>36.9</b>	<b>47.5</b>	<b>29.2</b>
Acute and subacute endocarditis (I33)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	7	1	6	0.6	0.2	1.0	0.6	0.2	0.9
Heart failure (I50)	279	112	167	24.1	19.6	28.7	14.8	17.7	13.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	333	180	153	28.8	31.4	26.3	21.5	29.6	15.0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	57	18	39	4.9	3.1	6.7	3.0	2.8	3.0
Cerebrovascular diseases (I60-I69)	749	301	448	64.8	52.5	76.9	43.4	47.9	39.7
Atherosclerosis (I70)	20	4	16	1.7	0.7	2.7	1.0	0.6	1.2
<b>Other diseases of circulatory system (I71-I78)</b>	<b>141</b>	<b>72</b>	<b>69</b>	<b>12.2</b>	<b>12.6</b>	<b>11.8</b>	<b>8.9</b>	<b>11.8</b>	<b>6.5</b>
Aortic aneurysm and dissection (I71)	83	50	33	7.2	8.7	5.7	5.5	8.4	3.3
Other diseases of arteries, arterioles and capillaries (I72-I78)	58	22	36	5.0	3.8	6.2	3.4	3.5	3.2
Other disorders of circulatory system (I80-I99)	24	12	12	2.1	2.1	2.1	1.8	2.1	1.5
<b>Influenza and pneumonia (J10-J18)</b>	<b>211</b>	<b>98</b>	<b>113</b>	<b>18.3</b>	<b>17.1</b>	<b>19.4</b>	<b>11.9</b>	<b>15.8</b>	<b>9.6</b>
Influenza (J10-J11)	1	1	0	0.1	0.2	0.0	0.1	0.1	0.0
Pneumonia (J12-J18)	210	97	113	18.2	16.9	19.4	11.9	15.6	9.6
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>
Acute bronchitis and bronchiolitis (J20-J21)	1	0	1	0.1	0.0	0.2	0.0	0.0	0.1
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>387</b>	<b>227</b>	<b>160</b>	<b>33.5</b>	<b>39.6</b>	<b>27.5</b>	<b>23.8</b>	<b>36.3</b>	<b>15.9</b>
Bronchitis, chronic and unspecified (J40-J42)	5	1	4	0.4	0.2	0.7	0.4	0.2	0.6
Emphysema (J43)	17	10	7	1.5	1.7	1.2	1.2	1.7	0.8
Asthma (J45-J46)	15	9	6	1.3	1.6	1.0	0.9	1.4	0.7
Other chronic lower respiratory diseases (J44, J47)	350	207	143	30.3	36.1	24.5	21.3	33.1	13.9
Pneumoconioses and chemical effects (J60-J66, J68)	3	3	0	0.3	0.5	0.0	0.2	0.5	0.0
Pneumonitis due to solids and liquids (J69)	32	17	15	2.8	3.0	2.6	1.8	2.7	1.5
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	96	57	39	8.3	10.0	6.7	6.4	9.2	4.4
Peptic ulcer (K25-K28)	23	12	11	2.0	2.1	1.9	1.4	1.9	1.0
Diseases of appendix (K35-K38)	3	2	1	0.3	0.3	0.2	0.3	0.4	0.1
Hernia (K40-K46)	11	5	6	1.0	0.9	1.0	0.7	0.8	0.6
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>113</b>	<b>58</b>	<b>55</b>	<b>9.8</b>	<b>10.1</b>	<b>9.4</b>	<b>8.7</b>	<b>9.6</b>	<b>7.8</b>
Alcoholic liver disease (K70)	57	34	23	4.9	5.9	3.9	4.5	5.5	3.6
Other chronic liver disease and cirrhosis (K73-K74)	56	24	32	4.8	4.2	5.5	4.2	4.1	4.2
Cholelithiasis and other disorders of gallbladder (K80-K82)	13	2	11	1.1	0.3	1.9	0.8	0.3	1.1
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>148</b>	<b>77</b>	<b>71</b>	<b>12.8</b>	<b>13.4</b>	<b>12.2</b>	<b>8.7</b>	<b>12.3</b>	<b>6.6</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	2	1	1	0.2	0.2	0.2	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)	1	0	1	0.1	0.0	0.2	0.0	0.0	0.1
Renal failure (N17-N19)	145	76	69	12.5	13.3	11.8	8.6	12.1	6.5
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	0	5	0.4	0.0	0.9	0.3	0.0	0.5
Hyperplasia of prostate (N40)	...	1	...	...	0.2	...	...	0.2	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>2</b>	<b>...</b>	<b>...</b>	<b>0.3</b>	<b>...</b>	<b>...</b>	<b>0.5</b>
Pregnancy with abortive outcome (O00-O07)	...	...	1	...	...	0.2	...	...	0.2
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	1	...	...	0.2	...	...	0.2
Certain conditions originating in the perinatal period (P00-P96)	37	20	17	3.2	3.5	2.9	3.8	4.0	3.7
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	57	30	27	4.9	5.2	4.6	5.3	5.6	5.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	315	126	189	27.3	22.0	32.4	19.7	20.9	18.0
All other diseases (residual) <sup>7</sup>	895	363	532	77.5	63.4	91.3	54.8	58.7	51.2
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>421</b>	<b>249</b>	<b>172</b>	<b>36.4</b>	<b>43.5</b>	<b>29.5</b>	<b>31.0</b>	<b>42.4</b>	<b>20.2</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>125</b>	<b>84</b>	<b>41</b>	<b>10.8</b>	<b>14.7</b>	<b>7.0</b>	<b>10.6</b>	<b>14.8</b>	<b>6.2</b>
Motor vehicle accidents <sup>8</sup>	116	75	41	10.0	13.1	7.0	9.8	13.3	6.2
Other land transport accidents <sup>9</sup>	4	4	0	0.3	0.7	0.0	0.3	0.7	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	5	5	0	0.4	0.9	0.0	0.4	0.8	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>296</b>	<b>165</b>	<b>131</b>	<b>25.6</b>	<b>28.8</b>	<b>22.5</b>	<b>20.4</b>	<b>27.6</b>	<b>14.1</b>
Falls (W00-W19)	121	56	65	10.5	9.8	11.2	7.1	9.0	5.8
Accidental discharge of firearms (W32-W34)	3	3	0	0.3	0.5	0.0	0.3	0.6	0.0
Accidental drowning and submersion (W65-W74)	11	8	3	1.0	1.4	0.5	0.8	1.3	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	21	16	5	1.8	2.8	0.9	1.8	2.7	0.9

See footnotes at the end of the table.

Table 1-8 – continued

Deaths by selected grouped causes, sex and geography — Manitoba<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	44	29	15	3.8	5.1	2.6	3.7	4.9	2.6
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	96	53	43	8.3	9.3	7.4	6.6	9.1	4.4
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>129</b>	<b>89</b>	<b>40</b>	<b>11.2</b>	<b>15.5</b>	<b>6.9</b>	<b>11.4</b>	<b>15.6</b>	<b>7.5</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	14	14	0	1.2	2.4	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)	115	75	40	10.0	13.1	6.9	10.2	13.1	7.5
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>34</b>	<b>25</b>	<b>9</b>	<b>2.9</b>	<b>4.4</b>	<b>1.5</b>	<b>3.1</b>	<b>4.5</b>	<b>1.7</b>
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)	31	22	9	2.7	3.8	1.5	2.8	3.9	1.7
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>20</b>	<b>15</b>	<b>5</b>	<b>1.7</b>	<b>2.6</b>	<b>0.9</b>	<b>1.8</b>	<b>2.6</b>	<b>0.9</b>
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)	20	15	5	1.7	2.6	0.9	1.8	2.6	0.9
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)	17	6	11	1.5	1.0	1.9	1.0	1.0	1.1

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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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 — Saskatchewan<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89) <sup>3, 4, 5</sup></b>	<b>8,906</b>	<b>4,681</b>	<b>4,225</b>	<b>894.6</b>	<b>945.7</b>	<b>844.1</b>	<b>616.7</b>	<b>791.9</b>	<b>478.5</b>
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)	10	2	8	1.0	0.4	1.6	0.5	0.3	0.6
<b>Tuberculosis (A16-A19)</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.3</b>	<b>0.2</b>	<b>0.3</b>
Respiratory tuberculosis (A16)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Other tuberculosis (A17-A19)	1	0	1	0.1	0.0	0.2	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)	55	25	30	5.5	5.1	6.0	3.9	4.3	3.6
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)	8	7	1	0.8	1.4	0.2	0.7	1.2	0.2
Human immunodeficiency virus [HIV] disease (B20-B24)	4	2	2	0.4	0.4	0.4	0.4	0.4	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 <sup>6</sup>	17	7	10	1.7	1.4	2.0	1.1	1.1	1.1
<b>Malignant neoplasms (C00-C97)</b>	<b>2,298</b>	<b>1,290</b>	<b>1,008</b>	<b>230.8</b>	<b>260.6</b>	<b>201.4</b>	<b>175.5</b>	<b>221.4</b>	<b>143.4</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	38	23	15	3.8	4.6	3.0	3.2	4.1	2.4
Malignant neoplasm of oesophagus (C15)	54	42	12	5.4	8.5	2.4	4.4	7.4	1.7
Malignant neoplasm of stomach (C16)	69	40	29	6.9	8.1	5.8	5.1	6.9	3.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	228	135	93	22.9	27.3	18.6	17.7	24.3	11.9
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	39	19	20	3.9	3.8	4.0	3.1	3.3	3.0
Malignant neoplasm of pancreas (C25)	115	63	52	11.6	12.7	10.4	8.6	10.8	6.8
Malignant neoplasm of larynx (C32)	15	12	3	1.5	2.4	0.6	1.1	2.0	0.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	557	318	239	56.0	64.2	47.7	44.1	55.1	36.7
Malignant melanoma of skin (C43)	23	14	9	2.3	2.8	1.8	1.9	2.6	1.3
Malignant neoplasm of breast (C50)	161	1	160	16.2	0.2	32.0	12.7	0.2	23.8
Malignant neoplasm of cervix uteri (C53)	...	...	12	...	...	2.4	...	...	2.3
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	20	...	...	4.0	...	...	2.9
Malignant neoplasm of ovary (C56)	...	...	48	...	...	9.6	...	...	7.1
Malignant neoplasm of prostate (C61)	...	214	...	...	43.2	...	...	34.3	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	53	31	22	5.3	6.3	4.4	4.2	5.5	3.0
Malignant neoplasm of bladder (C67)	47	36	11	4.7	7.3	2.2	3.2	6.0	1.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	46	29	17	4.6	5.9	3.4	4.0	5.3	2.8
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>223</b>	<b>122</b>	<b>101</b>	<b>22.4</b>	<b>24.6</b>	<b>20.2</b>	<b>16.5</b>	<b>20.9</b>	<b>13.0</b>
Hodgkin's disease (C81)	3	2	1	0.3	0.4	0.2	0.3	0.4	0.1
Non-Hodgkin's lymphoma (C82-C85)	97	50	47	9.7	10.1	9.4	7.2	8.5	6.3
Leukaemia (C91-C95)	80	52	28	8.0	10.5	5.6	5.9	9.0	3.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	42	18	24	4.2	3.6	4.8	3.1	3.1	3.1
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	0	1	0.1	0.0	0.2	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)	336	191	145	33.8	38.6	29.0	25.2	32.8	19.6
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	58	23	35	5.8	4.6	7.0	4.0	4.0	3.8
Anaemias (D50-D64)	35	16	19	3.5	3.2	3.8	2.1	2.5	1.9
Diabetes mellitus (E10-E14)	323	175	148	32.4	35.4	29.6	21.9	29.3	16.3
<b>Nutritional deficiencies (E40-E64)</b>	<b>9</b>	<b>5</b>	<b>4</b>	<b>0.9</b>	<b>1.0</b>	<b>0.8</b>	<b>0.7</b>	<b>0.9</b>	<b>0.4</b>
Malnutrition (E40-E46)	5	3	2	0.5	0.6	0.4	0.4	0.6	0.3
Other nutritional deficiencies (E50-E64)	4	2	2	0.4	0.4	0.4	0.3	0.4	0.1
Meningitis (G00, G03)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Parkinson's disease (G20-G21)	74	37	37	7.4	7.5	7.4	4.6	5.7	3.9
Alzheimer's disease (G30)	231	80	151	23.2	16.2	30.2	12.7	11.9	13.1
<b>Major cardiovascular diseases (I00-I78)</b>	<b>3,167</b>	<b>1,636</b>	<b>1,531</b>	<b>318.1</b>	<b>330.5</b>	<b>305.9</b>	<b>200.8</b>	<b>267.0</b>	<b>149.1</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>2,228</b>	<b>1,195</b>	<b>1,033</b>	<b>223.8</b>	<b>241.4</b>	<b>206.4</b>	<b>143.2</b>	<b>196.6</b>	<b>100.8</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	11	4	7	1.1	0.8	1.4	0.8	0.8	0.7
Hypertensive heart disease (I11)	45	14	31	4.5	2.8	6.2	2.7	2.2	2.9
Hypertensive heart and renal disease (I13)	7	3	4	0.7	0.6	0.8	0.4	0.4	0.4
<b>Ischaemic heart diseases (I20-I25)</b>	<b>1,491</b>	<b>883</b>	<b>608</b>	<b>149.8</b>	<b>178.4</b>	<b>121.5</b>	<b>98.5</b>	<b>146.3</b>	<b>60.8</b>
Acute myocardial infarction (I21-I22)	665	407	258	66.8	82.2	51.5	45.0	67.7	26.9
Other acute ischaemic heart diseases (I24)	7	1	6	0.7	0.2	1.2	0.4	0.1	0.7

See footnotes at the end of the table.



Table 1-9 – continued

Deaths by selected grouped causes, sex and geography — Saskatchewan<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>819</b>	<b>475</b>	<b>344</b>	<b>82.3</b>	<b>96.0</b>	<b>68.7</b>	<b>53.1</b>	<b>78.5</b>	<b>33.2</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	109	70	39	10.9	14.1	7.8	7.5	12.1	3.5
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	710	405	305	71.3	81.8	60.9	45.6	66.3	29.7
<b>Other heart diseases (I26-I51)</b>	<b>674</b>	<b>291</b>	<b>383</b>	<b>67.7</b>	<b>58.8</b>	<b>76.5</b>	<b>40.8</b>	<b>46.8</b>	<b>36.0</b>
Acute and subacute endocarditis (I33)	3	3	0	0.3	0.6	0.0	0.2	0.5	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	5	3	2	0.5	0.6	0.4	0.4	0.6	0.3
Heart failure (I50)	319	141	178	32.0	28.5	35.6	17.7	21.8	14.8
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	347	144	203	34.9	29.1	40.6	22.5	23.9	20.8
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	81	37	44	8.1	7.5	8.8	4.6	6.0	3.5
Cerebrovascular diseases (I60-I69)	694	300	394	69.7	60.6	78.7	42.4	47.7	38.4
Atherosclerosis (I70)	38	24	14	3.8	4.8	2.8	2.4	4.0	1.3
<b>Other diseases of circulatory system (I71-I78)</b>	<b>126</b>	<b>80</b>	<b>46</b>	<b>12.7</b>	<b>16.2</b>	<b>9.2</b>	<b>8.0</b>	<b>12.7</b>	<b>5.1</b>
Aortic aneurysm and dissection (I71)	78	51	27	7.8	10.3	5.4	5.0	8.1	3.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	48	29	19	4.8	5.9	3.8	3.0	4.6	2.0
Other disorders of circulatory system (I80-I99)	17	9	8	1.7	1.8	1.6	1.0	1.4	0.7
<b>Influenza and pneumonia (J10-J18)</b>	<b>260</b>	<b>110</b>	<b>150</b>	<b>26.1</b>	<b>22.2</b>	<b>30.0</b>	<b>15.0</b>	<b>17.4</b>	<b>12.9</b>
Influenza (J10-J11)	20	10	10	2.0	2.0	2.0	1.1	1.6	0.8
Pneumonia (J12-J18)	240	100	140	24.1	20.2	28.0	13.8	15.8	12.2
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>7</b>	<b>2</b>	<b>5</b>	<b>0.7</b>	<b>0.4</b>	<b>1.0</b>	<b>0.5</b>	<b>0.3</b>	<b>0.7</b>
Acute bronchitis and bronchiolitis (J20-J21)	3	1	2	0.3	0.2	0.4	0.2	0.2	0.3
Unspecified acute lower respiratory infection (J22)	4	1	3	0.4	0.2	0.6	0.2	0.1	0.4
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>359</b>	<b>224</b>	<b>135</b>	<b>36.1</b>	<b>45.3</b>	<b>27.0</b>	<b>23.3</b>	<b>35.9</b>	<b>14.8</b>
Bronchitis, chronic and unspecified (J40-J42)	13	8	5	1.3	1.6	1.0	0.7	1.2	0.4
Emphysema (J43)	42	28	14	4.2	5.7	2.8	2.8	4.5	1.7
Asthma (J45-J46)	12	5	7	1.2	1.0	1.4	0.9	1.0	0.7
Other chronic lower respiratory diseases (J44, J47)	292	183	109	29.3	37.0	21.8	18.9	29.2	12.1
Pneumoconioses and chemical effects (J60-J66, J68)	3	3	0	0.3	0.6	0.0	0.3	0.6	0.0
Pneumonitis due to solids and liquids (J69)	27	18	9	2.7	3.6	1.8	1.6	2.9	0.9
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	90	48	42	9.0	9.7	8.4	5.8	8.1	4.0
Peptic ulcer (K25-K28)	19	12	7	1.9	2.4	1.4	1.3	2.1	0.7
Diseases of appendix (K35-K38)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.2
Hernia (K40-K46)	8	5	3	0.8	1.0	0.6	0.5	0.8	0.3
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>102</b>	<b>65</b>	<b>37</b>	<b>10.2</b>	<b>13.1</b>	<b>7.4</b>	<b>9.1</b>	<b>12.2</b>	<b>6.3</b>
Alcoholic liver disease (K70)	56	36	20	5.6	7.3	4.0	5.2	6.8	3.7
Other chronic liver disease and cirrhosis (K73-K74)	46	29	17	4.6	5.9	3.4	3.9	5.3	2.6
Cholelithiasis and other disorders of gallbladder (K80-K82)	5	2	3	0.5	0.4	0.6	0.3	0.3	0.3
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>181</b>	<b>76</b>	<b>105</b>	<b>18.2</b>	<b>15.4</b>	<b>21.0</b>	<b>10.9</b>	<b>12.3</b>	<b>9.6</b>
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)	178	74	104	17.9	15.0	20.8	10.7	11.9	9.5
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)	1	1	0	0.1	0.2	0.0	0.0	0.2	0.0
Hyperplasia of prostate (N40)	...	1	...	...	0.2	...	...	0.2	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.2	...	...	0.1
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	32	20	12	3.2	4.0	2.4	3.9	4.8	3.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	31	18	13	3.1	3.6	2.6	3.3	3.7	2.8
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	138	50	88	13.9	10.1	17.6	8.6	8.7	8.2
All other diseases (residual) <sup>7</sup>	754	326	428	75.7	65.9	85.5	51.3	56.3	45.9
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>433</b>	<b>269</b>	<b>164</b>	<b>43.5</b>	<b>54.3</b>	<b>32.8</b>	<b>35.7</b>	<b>50.3</b>	<b>22.4</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>157</b>	<b>107</b>	<b>50</b>	<b>15.8</b>	<b>21.6</b>	<b>10.0</b>	<b>15.2</b>	<b>21.2</b>	<b>9.3</b>
Motor vehicle accidents <sup>8</sup>	154	105	49	15.5	21.2	9.8	14.9	20.9	9.1
Other land transport accidents <sup>9</sup>	2	1	1	0.2	0.2	0.2	0.2	0.2	0.2
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>276</b>	<b>162</b>	<b>114</b>	<b>27.7</b>	<b>32.7</b>	<b>22.8</b>	<b>20.6</b>	<b>29.0</b>	<b>13.2</b>
Falls (W00-W19)	94	54	40	9.4	10.9	8.0	6.1	9.3	3.5
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)	18	15	3	1.8	3.0	0.6	1.7	2.8	0.6
Accidental exposure to smoke, fire and flames (X00-X09)	19	12	7	1.9	2.4	1.4	1.8	2.4	1.2

See footnotes at the end of the table.



Table 1-9 – continued

Deaths by selected grouped causes, sex and geography — Saskatchewan<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	38	20	18	3.8	4.0	3.6	3.9	4.1	3.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	104	58	46	10.4	11.7	9.2	6.8	9.9	4.2
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>106</b>	<b>89</b>	<b>17</b>	<b>10.6</b>	<b>18.0</b>	<b>3.4</b>	<b>10.7</b>	<b>17.6</b>	<b>3.9</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	30	29	1	3.0	5.9	0.2	2.8	5.4	0.3
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	76	60	16	7.6	12.1	3.2	7.9	12.2	3.6
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>24</b>	<b>19</b>	<b>5</b>	<b>2.4</b>	<b>3.8</b>	<b>1.0</b>	<b>2.6</b>	<b>4.2</b>	<b>1.1</b>
Assault (homicide) by discharge of firearms (X93-X95)	2	2	0	0.2	0.4	0.0	0.2	0.4	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	22	17	5	2.2	3.4	1.0	2.4	3.8	1.1
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>9</b>	<b>5</b>	<b>4</b>	<b>0.9</b>	<b>1.0</b>	<b>0.8</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>
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)	9	5	4	0.9	1.0	0.8	1.1	1.1	1.1
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)	5	2	3	0.5	0.4	0.6	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. The population estimates used for the 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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 — Alberta<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89) <sup>3, 4, 5</sup></b>	<b>18,234</b>	<b>9,441</b>	<b>8,793</b>	<b>585.5</b>	<b>599.7</b>	<b>571.0</b>	<b>592.0</b>	<b>728.4</b>	<b>485.3</b>
Salmonella infections (A01-A02)	1	1	0	0.0	0.1	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)	17	9	8	0.5	0.6	0.5	0.6	0.7	0.4
<b>Tuberculosis (A16-A19)</b>	<b>10</b>	<b>4</b>	<b>6</b>	<b>0.3</b>	<b>0.3</b>	<b>0.4</b>	<b>0.3</b>	<b>0.3</b>	<b>0.4</b>
Respiratory tuberculosis (A16)	7	4	3	0.2	0.3	0.2	0.2	0.3	0.2
Other tuberculosis (A17-A19)	3	0	3	0.1	0.0	0.2	0.1	0.0	0.2
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)	111	55	56	3.6	3.5	3.6	3.6	4.1	3.0
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)	23	14	9	0.7	0.9	0.6	0.7	0.9	0.6
Human immunodeficiency virus [HIV] disease (B20-B24)	24	17	7	0.8	1.1	0.5	0.7	1.0	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 <sup>6</sup>	35	18	17	1.1	1.1	1.1	1.2	1.3	1.0
<b>Malignant neoplasms (C00-C97)</b>	<b>4,969</b>	<b>2,619</b>	<b>2,350</b>	<b>159.5</b>	<b>166.4</b>	<b>152.6</b>	<b>165.3</b>	<b>199.1</b>	<b>141.9</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	80	52	28	2.6	3.3	1.8	2.6	3.8	1.6
Malignant neoplasm of oesophagus (C15)	119	93	26	3.8	5.9	1.7	4.0	6.9	1.6
Malignant neoplasm of stomach (C16)	130	69	61	4.2	4.4	4.0	4.3	5.4	3.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	420	232	188	13.5	14.7	12.2	14.1	17.8	11.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	108	67	41	3.5	4.3	2.7	3.6	4.9	2.6
Malignant neoplasm of pancreas (C25)	265	139	126	8.5	8.8	8.2	8.9	10.5	7.6
Malignant neoplasm of larynx (C32)	38	34	4	1.2	2.2	0.3	1.3	2.5	0.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,227	682	545	39.4	43.3	35.4	41.8	51.4	34.6
Malignant melanoma of skin (C43)	58	36	22	1.9	2.3	1.4	1.8	2.4	1.3
Malignant neoplasm of breast (C50)	403	2	401	12.9	0.1	26.0	12.8	0.2	23.7
Malignant neoplasm of cervix uteri (C53)	...	...	36	...	...	2.3	...	...	2.3
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	52	...	...	3.4	...	...	3.2
Malignant neoplasm of ovary (C56)	...	...	118	...	...	7.7	...	...	7.1
Malignant neoplasm of prostate (C61)	...	346	...	...	22.0	...	...	28.7	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	121	71	50	3.9	4.5	3.2	4.0	5.1	3.0
Malignant neoplasm of bladder (C67)	108	74	34	3.5	4.7	2.2	3.5	5.8	1.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	128	76	52	4.1	4.8	3.4	4.2	5.1	3.2
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>484</b>	<b>271</b>	<b>213</b>	<b>15.5</b>	<b>17.2</b>	<b>13.8</b>	<b>16.3</b>	<b>20.6</b>	<b>12.7</b>
Hodgkin's disease (C81)	12	3	9	0.4	0.2	0.6	0.4	0.2	0.6
Non-Hodgkin's lymphoma (C82-C85)	203	112	91	6.5	7.1	5.9	6.8	8.4	5.4
Leukaemia (C91-C95)	183	110	73	5.9	7.0	4.7	6.1	8.4	4.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	86	46	40	2.8	2.9	2.6	2.9	3.6	2.4
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)	728	375	353	23.4	23.8	22.9	23.8	27.8	20.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	110	43	67	3.5	2.7	4.4	3.6	3.5	3.8
Anaemias (D50-D64)	33	13	20	1.1	0.8	1.3	1.0	1.1	0.9
Diabetes mellitus (E10-E14)	439	209	230	14.1	13.3	14.9	14.3	16.4	12.6
<b>Nutritional deficiencies (E40-E64)</b>	<b>13</b>	<b>6</b>	<b>7</b>	<b>0.4</b>	<b>0.4</b>	<b>0.5</b>	<b>0.4</b>	<b>0.6</b>	<b>0.3</b>
Malnutrition (E40-E46)	12	6	6	0.4	0.4	0.4	0.4	0.6	0.3
Other nutritional deficiencies (E50-E64)	1	0	1	0.0	0.0	0.1	0.0	0.0	0.0
Meningitis (G00, G03)	6	4	2	0.2	0.3	0.1	0.2	0.3	0.1
Parkinson's disease (G20-G21)	107	55	52	3.4	3.5	3.4	3.5	4.5	2.7
Alzheimer's disease (G30)	399	142	257	12.8	9.0	16.7	12.5	12.3	12.5
<b>Major cardiovascular diseases (I00-I78)</b>	<b>6,642</b>	<b>3,262</b>	<b>3,380</b>	<b>213.3</b>	<b>207.2</b>	<b>219.5</b>	<b>213.4</b>	<b>263.6</b>	<b>173.1</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>4,699</b>	<b>2,440</b>	<b>2,259</b>	<b>150.9</b>	<b>155.0</b>	<b>146.7</b>	<b>151.5</b>	<b>194.5</b>	<b>116.3</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	29	7	22	0.9	0.4	1.4	1.0	0.5	1.4
Hypertensive heart disease (I11)	78	28	50	2.5	1.8	3.2	2.4	2.1	2.5
Hypertensive heart and renal disease (I13)	10	2	8	0.3	0.1	0.5	0.3	0.2	0.4
<b>Ischaemic heart diseases (I20-I25)</b>	<b>3,715</b>	<b>2,037</b>	<b>1,678</b>	<b>119.3</b>	<b>129.4</b>	<b>109.0</b>	<b>120.3</b>	<b>161.8</b>	<b>87.0</b>
Acute myocardial infarction (I21-I22)	1,287	712	575	41.3	45.2	37.3	41.8	57.2	30.0
Other acute ischaemic heart diseases (I24)	10	7	3	0.3	0.4	0.2	0.3	0.5	0.1

See footnotes at the end of the table.

Table 1-10 – continued

Deaths by selected grouped causes, sex and geography — Alberta<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>2,418</b>	<b>1,318</b>	<b>1,100</b>	<b>77.6</b>	<b>83.7</b>	<b>71.4</b>	<b>78.1</b>	<b>104.1</b>	<b>56.9</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	585	329	256	18.8	20.9	16.6	19.6	25.9	14.1
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1,833	989	844	58.9	62.8	54.8	58.5	78.2	42.9
<b>Other heart diseases (I26-I51)</b>	<b>867</b>	<b>366</b>	<b>501</b>	<b>27.8</b>	<b>23.2</b>	<b>32.5</b>	<b>27.5</b>	<b>30.0</b>	<b>25.0</b>
Acute and subacute endocarditis (I33)	8	4	4	0.3	0.3	0.3	0.3	0.3	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	12	8	4	0.4	0.5	0.3	0.4	0.6	0.2
Heart failure (I50)	363	142	221	11.7	9.0	14.4	11.3	12.5	10.5
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	484	212	272	15.5	13.5	17.7	15.5	16.6	14.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	110	37	73	3.5	2.4	4.7	3.5	3.1	3.6
Cerebrovascular diseases (I60-I69)	1,382	571	811	44.4	36.3	52.7	44.0	48.0	41.6
Atherosclerosis (I70)	282	112	170	9.1	7.1	11.0	8.9	9.9	8.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>169</b>	<b>102</b>	<b>67</b>	<b>5.4</b>	<b>6.5</b>	<b>4.4</b>	<b>5.6</b>	<b>8.2</b>	<b>3.6</b>
Aortic aneurysm and dissection (I71)	122	78	44	3.9	5.0	2.9	4.1	6.2	2.4
Other diseases of arteries, arterioles and capillaries (I72-I78)	47	24	23	1.5	1.5	1.5	1.5	2.0	1.2
Other disorders of circulatory system (I80-I99)	39	12	27	1.3	0.8	1.8	1.2	0.8	1.5
<b>Influenza and pneumonia (J10-J18)</b>	<b>308</b>	<b>153</b>	<b>155</b>	<b>9.9</b>	<b>9.7</b>	<b>10.1</b>	<b>9.8</b>	<b>12.9</b>	<b>7.6</b>
Influenza (J10-J11)	28	11	17	0.9	0.7	1.1	0.9	1.0	0.8
Pneumonia (J12-J18)	280	142	138	9.0	9.0	9.0	8.9	11.8	6.8
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
Acute bronchitis and bronchiolitis (J20-J21)	2	2	0	0.1	0.1	0.0	0.1	0.2	0.0
Unspecified acute lower respiratory infection (J22)	2	0	2	0.1	0.0	0.1	0.1	0.0	0.1
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>804</b>	<b>453</b>	<b>351</b>	<b>25.8</b>	<b>28.8</b>	<b>22.8</b>	<b>26.5</b>	<b>37.7</b>	<b>19.8</b>
Bronchitis, chronic and unspecified (J40-J42)	7	2	5	0.2	0.1	0.3	0.2	0.2	0.3
Emphysema (J43)	90	57	33	2.9	3.6	2.1	3.1	4.6	2.0
Asthma (J45-J46)	16	7	9	0.5	0.4	0.6	0.5	0.5	0.5
Other chronic lower respiratory diseases (J44, J47)	691	387	304	22.2	24.6	19.7	22.7	32.4	17.0
Pneumoconioses and chemical effects (J60-J66, J68)	5	5	0	0.2	0.3	0.0	0.2	0.4	0.0
Pneumonitis due to solids and liquids (J69)	106	60	46	3.4	3.8	3.0	3.4	5.1	2.4
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	171	92	79	5.5	5.8	5.1	5.7	7.4	4.5
Peptic ulcer (K25-K28)	46	20	26	1.5	1.3	1.7	1.5	1.6	1.4
Diseases of appendix (K35-K38)	5	2	3	0.2	0.1	0.2	0.2	0.2	0.2
Hernia (K40-K46)	14	6	8	0.4	0.4	0.5	0.5	0.5	0.5
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>183</b>	<b>118</b>	<b>65</b>	<b>5.9</b>	<b>7.5</b>	<b>4.2</b>	<b>5.7</b>	<b>7.7</b>	<b>4.0</b>
Alcoholic liver disease (K70)	118	79	39	3.8	5.0	2.5	3.5	5.0	2.3
Other chronic liver disease and cirrhosis (K73-K74)	65	39	26	2.1	2.5	1.7	2.2	2.8	1.6
Cholelithiasis and other disorders of gallbladder (K80-K82)	22	11	11	0.7	0.7	0.7	0.7	1.0	0.5
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>204</b>	<b>101</b>	<b>103</b>	<b>6.6</b>	<b>6.4</b>	<b>6.7</b>	<b>6.5</b>	<b>8.5</b>	<b>5.5</b>
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)	9	8	1	0.3	0.5	0.1	0.3	0.5	0.1
Renal failure (N17-N19)	195	93	102	6.3	5.9	6.6	6.3	7.9	5.4
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)	9	2	7	0.3	0.1	0.5	0.3	0.2	0.4
Hyperplasia of prostate (N40)	...	3	...	...	0.2	...	...	0.3	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.1	...	...	0.1
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>1</b>	<b>...</b>	<b>...</b>	<b>0.1</b>	<b>...</b>	<b>...</b>	<b>0.1</b>
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	1	...	...	0.1	...	...	0.1
Certain conditions originating in the perinatal period (P00-P96)	136	77	59	4.4	4.9	3.8	5.0	5.6	4.5
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	128	60	68	4.1	3.8	4.4	4.5	4.2	4.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	132	67	65	4.2	4.3	4.2	4.3	5.1	3.9
All other diseases (residual) <sup>7</sup>	1,409	611	798	45.2	38.8	51.8	44.9	47.1	42.3
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>955</b>	<b>663</b>	<b>292</b>	<b>30.7</b>	<b>42.1</b>	<b>19.0</b>	<b>30.4</b>	<b>44.0</b>	<b>17.5</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>415</b>	<b>296</b>	<b>119</b>	<b>13.3</b>	<b>18.8</b>	<b>7.7</b>	<b>13.3</b>	<b>19.1</b>	<b>7.6</b>
Motor vehicle accidents <sup>8</sup>	396	285	111	12.7	18.1	7.2	12.7	18.4	7.0
Other land transport accidents <sup>9</sup>	9	4	5	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)	10	7	3	0.3	0.4	0.2	0.3	0.4	0.2
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>540</b>	<b>367</b>	<b>173</b>	<b>17.3</b>	<b>23.3</b>	<b>11.2</b>	<b>17.1</b>	<b>24.9</b>	<b>9.9</b>
Falls (W00-W19)	104	71	33	3.3	4.5	2.1	3.4	5.3	1.9
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)	35	23	12	1.1	1.5	0.8	1.2	1.5	0.8
Accidental exposure to smoke, fire and flames (X00-X09)	17	11	6	0.5	0.7	0.4	0.6	0.7	0.4

See footnotes at the end of the table.

Table 1-10 – continued

Deaths by selected grouped causes, sex and geography — Alberta<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	190	135	55	6.1	8.6	3.6	5.8	8.1	3.5
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	194	127	67	6.2	8.1	4.4	6.1	9.3	3.4
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>443</b>	<b>354</b>	<b>89</b>	<b>14.2</b>	<b>22.5</b>	<b>5.8</b>	<b>13.8</b>	<b>22.0</b>	<b>5.7</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	99	96	3	3.2	6.1	0.2	3.1	6.1	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	344	258	86	11.0	16.4	5.6	10.7	16.0	5.5
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>69</b>	<b>45</b>	<b>24</b>	<b>2.2</b>	<b>2.9</b>	<b>1.6</b>	<b>2.3</b>	<b>2.8</b>	<b>1.7</b>
Assault (homicide) by discharge of firearms (X93-X95)	18	12	6	0.6	0.8	0.4	0.6	0.8	0.4
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	51	33	18	1.6	2.1	1.2	1.6	2.0	1.2
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>65</b>	<b>43</b>	<b>22</b>	<b>2.1</b>	<b>2.7</b>	<b>1.4</b>	<b>2.0</b>	<b>2.6</b>	<b>1.4</b>
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	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)	64	42	22	2.1	2.7	1.4	2.0	2.6	1.4
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)	30	10	20	1.0	0.6	1.3	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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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 Columbia<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89) <sup>3, 4, 5</sup></b>	<b>28,883</b>	<b>14,745</b>	<b>14,138</b>	<b>701.9</b>	<b>722.6</b>	<b>681.5</b>	<b>554.7</b>	<b>679.0</b>	<b>453.9</b>
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)	16	6	10	0.4	0.3	0.5	0.3	0.3	0.2
<b>Tuberculosis (A16-A19)</b>	<b>11</b>	<b>7</b>	<b>4</b>	<b>0.3</b>	<b>0.3</b>	<b>0.2</b>	<b>0.2</b>	<b>0.3</b>	<b>0.1</b>
Respiratory tuberculosis (A16)	7	6	1	0.2	0.3	0.0	0.1	0.3	0.0
Other tuberculosis (A17-A19)	4	1	3	0.1	0.0	0.1	0.1	0.0	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)	2	0	2	0.0	0.0	0.1	0.1	0.0	0.1
Septicaemia (A40-A41)	175	89	86	4.3	4.4	4.1	3.4	4.1	2.8
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)	95	61	34	2.3	3.0	1.6	1.8	2.5	1.3
Human immunodeficiency virus [HIV] disease (B20-B24)	103	82	21	2.5	4.0	1.0	2.3	3.6	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 <sup>6</sup>	67	30	37	1.6	1.5	1.8	1.3	1.4	1.2
<b>Malignant neoplasms (C00-C97)</b>	<b>8,011</b>	<b>4,154</b>	<b>3,857</b>	<b>194.7</b>	<b>203.6</b>	<b>185.9</b>	<b>158.6</b>	<b>186.3</b>	<b>138.4</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	143	93	50	3.5	4.6	2.4	2.9	4.0	1.9
Malignant neoplasm of oesophagus (C15)	226	162	64	5.5	7.9	3.1	4.5	7.2	2.2
Malignant neoplasm of stomach (C16)	239	132	107	5.8	6.5	5.2	4.7	5.9	3.7
Malignant neoplasms of colon, rectum and anus (C18-C21)	778	409	369	18.9	20.0	17.8	15.2	18.4	12.6
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	189	119	70	4.6	5.8	3.4	3.8	5.2	2.5
Malignant neoplasm of pancreas (C25)	441	200	241	10.7	9.8	11.6	8.5	8.8	8.3
Malignant neoplasm of larynx (C32)	41	38	3	1.0	1.9	0.1	0.8	1.7	0.1
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2,002	1,106	896	48.7	54.2	43.2	40.4	49.3	33.5
Malignant melanoma of skin (C43)	91	49	42	2.2	2.4	2.0	1.8	2.2	1.5
Malignant neoplasm of breast (C50)	594	5	589	14.4	0.2	28.4	11.6	0.2	21.4
Malignant neoplasm of cervix uteri (C53)	...	...	44	...	...	2.1	...	...	1.6
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	63	...	...	3.0	...	...	2.2
Malignant neoplasm of ovary (C56)	...	...	224	...	...	10.8	...	...	8.3
Malignant neoplasm of prostate (C61)	...	492	...	...	24.1	...	...	22.8	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	168	102	66	4.1	5.0	3.2	3.4	4.5	2.4
Malignant neoplasm of bladder (C67)	189	139	50	4.6	6.8	2.4	3.7	6.3	1.7
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	188	113	75	4.6	5.5	3.6	3.9	5.1	2.9
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>768</b>	<b>442</b>	<b>326</b>	<b>18.7</b>	<b>21.7</b>	<b>15.7</b>	<b>15.3</b>	<b>19.8</b>	<b>11.7</b>
Hodgkin's disease (C81)	7	4	3	0.2	0.2	0.1	0.2	0.2	0.1
Non-Hodgkin's lymphoma (C82-C85)	324	189	135	7.9	9.3	6.5	6.5	8.5	4.8
Leukaemia (C91-C95)	272	160	112	6.6	7.8	5.4	5.4	7.1	4.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	163	88	75	4.0	4.3	3.6	3.3	3.9	2.7
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	2	1	1	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)	1,131	553	578	27.5	27.1	27.9	22.1	25.0	20.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	193	99	94	4.7	4.9	4.5	3.7	4.6	2.9
Anaemias (D50-D64)	49	21	28	1.2	1.0	1.3	0.9	1.0	0.8
Diabetes mellitus (E10-E14)	892	469	423	21.7	23.0	20.4	17.0	21.2	13.5
<b>Nutritional deficiencies (E40-E64)</b>	<b>35</b>	<b>11</b>	<b>24</b>	<b>0.9</b>	<b>0.5</b>	<b>1.2</b>	<b>0.6</b>	<b>0.5</b>	<b>0.6</b>
Malnutrition (E40-E46)	29	11	18	0.7	0.5	0.9	0.5	0.5	0.5
Other nutritional deficiencies (E50-E64)	6	0	6	0.1	0.0	0.3	0.1	0.0	0.2
Meningitis (G00, G03)	5	5	0	0.1	0.2	0.0	0.2	0.3	0.0
Parkinson's disease (G20-G21)	212	123	89	5.2	6.0	4.3	3.9	5.7	2.7
Alzheimer's disease (G30)	561	165	396	13.6	8.1	19.1	9.7	7.7	10.9
<b>Major cardiovascular diseases (I00-I78)</b>	<b>9,824</b>	<b>4,886</b>	<b>4,938</b>	<b>238.7</b>	<b>239.5</b>	<b>238.0</b>	<b>179.7</b>	<b>225.4</b>	<b>142.8</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>6,788</b>	<b>3,566</b>	<b>3,222</b>	<b>165.0</b>	<b>174.8</b>	<b>155.3</b>	<b>124.5</b>	<b>163.9</b>	<b>93.3</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	66	27	39	1.6	1.3	1.9	1.3	1.2	1.4
Hypertensive heart disease (I11)	99	43	56	2.4	2.1	2.7	1.8	1.9	1.6
Hypertensive heart and renal disease (I13)	23	6	17	0.6	0.3	0.8	0.4	0.3	0.5
<b>Ischaemic heart diseases (I20-I25)</b>	<b>4,863</b>	<b>2,738</b>	<b>2,125</b>	<b>118.2</b>	<b>134.2</b>	<b>102.4</b>	<b>89.6</b>	<b>125.1</b>	<b>61.8</b>
Acute myocardial infarction (I21-I22)	2,404	1,396	1,008	58.4	68.4	48.6	44.7	63.5	30.0
Other acute ischaemic heart diseases (I24)	31	19	12	0.8	0.9	0.6	0.6	0.9	0.4

See footnotes at the end of the table.

Table 1-11 – continued

Deaths by selected grouped causes, sex and geography — British Columbia<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>2,428</b>	<b>1,323</b>	<b>1,105</b>	<b>59.0</b>	<b>64.8</b>	<b>53.3</b>	<b>44.3</b>	<b>60.7</b>	<b>31.4</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	143	99	44	3.5	4.9	2.1	2.8	4.3	1.3
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	2,285	1,224	1,061	55.5	60.0	51.1	41.5	56.4	30.1
<b>Other heart diseases (I26-I51)</b>	<b>1,737</b>	<b>752</b>	<b>985</b>	<b>42.2</b>	<b>36.9</b>	<b>47.5</b>	<b>31.4</b>	<b>35.4</b>	<b>27.9</b>
Acute and subacute endocarditis (I33)	9	5	4	0.2	0.2	0.2	0.2	0.2	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	9	7	2	0.2	0.3	0.1	0.2	0.3	0.1
Heart failure (I50)	753	280	473	18.3	13.7	22.8	13.2	13.6	12.6
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	966	460	506	23.5	22.5	24.4	17.9	21.3	15.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	177	72	105	4.3	3.5	5.1	3.2	3.4	3.1
Cerebrovascular diseases (I60-I69)	2,307	950	1,357	56.1	46.6	65.4	41.6	44.4	38.9
Atherosclerosis (I70)	176	89	87	4.3	4.4	4.2	3.2	4.2	2.4
<b>Other diseases of circulatory system (I71-I78)</b>	<b>376</b>	<b>209</b>	<b>167</b>	<b>9.1</b>	<b>10.2</b>	<b>8.1</b>	<b>7.1</b>	<b>9.5</b>	<b>5.2</b>
Aortic aneurysm and dissection (I71)	235	147	88	5.7	7.2	4.2	4.5	6.7	2.8
Other diseases of arteries, arterioles and capillaries (I72-I78)	141	62	79	3.4	3.0	3.8	2.6	2.8	2.4
Other disorders of circulatory system (I80-I99)	55	27	28	1.3	1.3	1.3	1.1	1.3	1.0
<b>Influenza and pneumonia (J10-J18)</b>	<b>806</b>	<b>372</b>	<b>434</b>	<b>19.6</b>	<b>18.2</b>	<b>20.9</b>	<b>14.1</b>	<b>18.2</b>	<b>11.9</b>
Influenza (J10-J11)	31	13	18	0.8	0.6	0.9	0.6	0.7	0.5
Pneumonia (J12-J18)	775	359	416	18.8	17.6	20.1	13.6	17.6	11.4
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
Acute bronchitis and bronchiolitis (J20-J21)	3	2	1	0.1	0.1	0.0	0.1	0.1	0.1
Unspecified acute lower respiratory infection (J22)	3	2	1	0.1	0.1	0.0	0.1	0.1	0.0
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>1,363</b>	<b>718</b>	<b>645</b>	<b>33.1</b>	<b>35.2</b>	<b>31.1</b>	<b>25.4</b>	<b>33.1</b>	<b>20.6</b>
Bronchitis, chronic and unspecified (J40-J42)	18	7	11	0.4	0.3	0.5	0.3	0.3	0.3
Emphysema (J43)	113	55	58	2.7	2.7	2.8	2.2	2.5	1.9
Asthma (J45-J46)	52	18	34	1.3	0.9	1.6	1.0	0.8	1.1
Other chronic lower respiratory diseases (J44, J47)	1,180	638	542	28.7	31.3	26.1	21.9	29.5	17.2
Pneumoconioses and chemical effects (J60-J66, J68)	10	9	1	0.2	0.4	0.0	0.2	0.4	0.0
Pneumonitis due to solids and liquids (J69)	147	77	70	3.6	3.8	3.4	2.6	3.6	1.9
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	264	154	110	6.4	7.5	5.3	5.0	7.0	3.4
Peptic ulcer (K25-K28)	66	33	33	1.6	1.6	1.6	1.3	1.6	1.0
Diseases of appendix (K35-K38)	2	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	25	12	13	0.6	0.6	0.6	0.5	0.6	0.4
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>288</b>	<b>183</b>	<b>105</b>	<b>7.0</b>	<b>9.0</b>	<b>5.1</b>	<b>5.8</b>	<b>7.8</b>	<b>4.1</b>
Alcoholic liver disease (K70)	161	112	49	3.9	5.5	2.4	3.3	4.7	1.9
Other chronic liver disease and cirrhosis (K73-K74)	127	71	56	3.1	3.5	2.7	2.6	3.1	2.1
Cholelithiasis and other disorders of gallbladder (K80-K82)	22	9	13	0.5	0.4	0.6	0.4	0.4	0.3
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>371</b>	<b>187</b>	<b>184</b>	<b>9.0</b>	<b>9.2</b>	<b>8.9</b>	<b>6.8</b>	<b>8.7</b>	<b>5.6</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	4	2	2	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)	8	4	4	0.2	0.2	0.2	0.2	0.2	0.2
Renal failure (N17-N19)	358	180	178	8.7	8.8	8.6	6.5	8.4	5.4
Other disorders of kidney (N25, N27)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	11	4	7	0.3	0.2	0.3	0.2	0.2	0.2
Hyperplasia of prostate (N40)	...	9	...	...	0.4	...	...	0.4	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	2	...	...	0.1	...	...	0.1
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>2</b>	<b>...</b>	<b>...</b>	<b>0.1</b>	<b>...</b>	<b>...</b>	<b>0.1</b>
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	2	...	...	0.1	...	...	0.1
Certain conditions originating in the perinatal period (P00-P96)	89	52	37	2.2	2.5	1.8	3.2	3.6	2.7
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	114	60	54	2.8	2.9	2.6	3.3	3.4	3.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	311	164	147	7.6	8.0	7.1	6.9	8.2	5.2
All other diseases (residual) <sup>7</sup>	2,589	1,082	1,507	62.9	53.0	72.6	48.3	49.9	45.7
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>1,450</b>	<b>919</b>	<b>531</b>	<b>35.2</b>	<b>45.0</b>	<b>25.6</b>	<b>31.4</b>	<b>43.9</b>	<b>19.4</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>502</b>	<b>368</b>	<b>134</b>	<b>12.2</b>	<b>18.0</b>	<b>6.5</b>	<b>11.9</b>	<b>17.7</b>	<b>6.1</b>
Motor vehicle accidents <sup>8</sup>	454	326	128	11.0	16.0	6.2	10.8	15.9	5.8
Other land transport accidents <sup>9</sup>	14	12	2	0.3	0.6	0.1	0.3	0.5	0.1
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	34	30	4	0.8	1.5	0.2	0.8	1.3	0.2
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>948</b>	<b>551</b>	<b>397</b>	<b>23.0</b>	<b>27.0</b>	<b>19.1</b>	<b>19.5</b>	<b>26.2</b>	<b>13.3</b>
Falls (W00-W19)	264	129	135	6.4	6.3	6.5	4.9	6.1	3.9
Accidental discharge of firearms (W32-W34)	8	6	2	0.2	0.3	0.1	0.2	0.3	0.1
Accidental drowning and submersion (W65-W74)	46	40	6	1.1	2.0	0.3	1.0	1.8	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	24	15	9	0.6	0.7	0.4	0.5	0.7	0.3

See footnotes at the end of the table.

Table 1-11 – continued

Deaths by selected grouped causes, sex and geography — British Columbia<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	281	194	87	6.8	9.5	4.2	6.7	9.3	4.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	325	167	158	7.9	8.2	7.6	6.2	8.0	4.6
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>495</b>	<b>376</b>	<b>119</b>	<b>12.0</b>	<b>18.4</b>	<b>5.7</b>	<b>11.2</b>	<b>17.4</b>	<b>5.3</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	83	81	2	2.0	4.0	0.1	1.8	3.6	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	412	295	117	10.0	14.5	5.6	9.4	13.8	5.2
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>76</b>	<b>52</b>	<b>24</b>	<b>1.8</b>	<b>2.5</b>	<b>1.2</b>	<b>1.9</b>	<b>2.6</b>	<b>1.2</b>
Assault (homicide) by discharge of firearms (X93-X95)	26	21	5	0.6	1.0	0.2	0.6	1.0	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	50	31	19	1.2	1.5	0.9	1.3	1.5	1.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>30</b>	<b>19</b>	<b>11</b>	<b>0.7</b>	<b>0.9</b>	<b>0.5</b>	<b>0.7</b>	<b>0.9</b>	<b>0.5</b>
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)	30	19	11	0.7	0.9	0.5	0.7	0.9	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)	29	14	15	0.7	0.7	0.7	0.6	0.7	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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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 Territory<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89) <sup>3, 4, 5</sup></b>	<b>147</b>	<b>94</b>	<b>53</b>	<b>488.0</b>	<b>615.7</b>	<b>356.7</b>	<b>768.6</b>	<b>968.9</b>	<b>578.0</b>
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
<b>Tuberculosis (A16-A19)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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)	2	1	1	6.6	6.6	6.7	14.4	14.2	14.6
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 <sup>6</sup>	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Malignant neoplasms (C00-C97)</b>	<b>48</b>	<b>30</b>	<b>18</b>	<b>159.3</b>	<b>196.5</b>	<b>121.2</b>	<b>247.4</b>	<b>308.7</b>	<b>189.9</b>
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	10.0	13.1	6.7	17.3	24.7	14.6
Malignant neoplasm of stomach (C16)	1	0	1	3.3	0.0	6.7	5.5	0.0	12.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	6	4	2	19.9	26.2	13.5	33.7	46.5	20.8
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1	1	0	3.3	6.6	0.0	2.1	4.0	0.0
Malignant neoplasm of pancreas (C25)	1	0	1	3.3	0.0	6.7	5.5	0.0	12.0
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)	15	9	6	49.8	59.0	40.4	71.3	76.2	59.7
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)	3	0	3	10.0	0.0	20.2	14.2	0.0	27.6
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)	...	...	1	...	...	6.7	...	...	4.2
Malignant neoplasm of prostate (C61)	...	1	...	...	6.6	...	...	9.7	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	2	1	...	6.6	6.6	6.7	12.7	14.2	12.0
Malignant neoplasm of bladder (C67)	1	1	0	3.3	6.6	0.0	7.7	20.3	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	1	0	1	3.3	0.0	6.7	7.7	0.0	12.4
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>13.3</b>	<b>19.7</b>	<b>6.7</b>	<b>24.2</b>	<b>34.5</b>	<b>14.6</b>
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)	4	3	1	13.3	19.7	6.7	24.2	34.5	14.6
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	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	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	8	0	26.6	52.4	0.0	37.9	78.6	0.0
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	1	0	3.3	6.6	0.0	7.2	14.2	0.0
Diabetes mellitus (E10-E14)	4	3	1	13.3	19.7	6.7	23.9	48.0	5.5
<b>Nutritional deficiencies (E40-E64)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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	1	0	3.3	6.6	0.0	2.5	4.4	0.0
Parkinson's disease (G20-G21)	1	1	0	3.3	6.6	0.0	5.6	9.7	0.0
Alzheimer's disease (G30)	1	0	1	3.3	0.0	6.7	8.2	0.0	15.6
<b>Major cardiovascular diseases (I00-I78)</b>	<b>39</b>	<b>24</b>	<b>15</b>	<b>129.5</b>	<b>157.2</b>	<b>101.0</b>	<b>230.5</b>	<b>281.9</b>	<b>185.5</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>27</b>	<b>15</b>	<b>12</b>	<b>89.6</b>	<b>98.3</b>	<b>80.8</b>	<b>159.4</b>	<b>173.6</b>	<b>150.5</b>
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
<b>Ischaemic heart diseases (I20-I25)</b>	<b>18</b>	<b>11</b>	<b>7</b>	<b>59.8</b>	<b>72.1</b>	<b>47.1</b>	<b>105.4</b>	<b>120.0</b>	<b>87.8</b>
Acute myocardial infarction (I21-I22)	6	5	1	19.9	32.8	6.7	34.1	59.3	13.1
Other acute ischaemic heart diseases (I24)	3	2	1	10.0	13.1	6.7	22.0	28.4	12.4

See footnotes at the end of the table.



Table 1-12 – continued

Deaths by selected grouped causes, sex and geography — Yukon Territory<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>9</b>	<b>4</b>	<b>5</b>	<b>29.9</b>	<b>26.2</b>	<b>33.7</b>	<b>49.2</b>	<b>32.3</b>	<b>62.3</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	4	3	1	13.3	19.7	6.7	13.3	18.1	6.1
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	5	1	4	16.6	6.6	26.9	36.0	14.2	56.2
<b>Other heart diseases (I26-I51)</b>	<b>9</b>	<b>4</b>	<b>5</b>	<b>29.9</b>	<b>26.2</b>	<b>33.7</b>	<b>53.9</b>	<b>53.7</b>	<b>62.7</b>
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)	7	4	3	23.2	26.2	20.2	44.3	53.7	40.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	2	0	2	6.6	0.0	13.5	9.6	0.0	22.7
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1	0	1	3.3	0.0	6.7	6.7	0.0	11.3
Cerebrovascular diseases (I60-I69)	10	8	2	33.2	52.4	13.5	60.4	101.3	23.7
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3.3</b>	<b>6.6</b>	<b>0.0</b>	<b>4.0</b>	<b>7.0</b>	<b>0.0</b>
Aortic aneurysm and dissection (I71)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	1	1	0	3.3	6.6	0.0	4.0	7.0	0.0
Other disorders of circulatory system (I80-I99)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Influenza and pneumonia (J10-J18)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3.3</b>	<b>6.6</b>	<b>0.0</b>	<b>6.7</b>	<b>16.2</b>	<b>0.0</b>
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	6.6	0.0	6.7	16.2	0.0
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>13.3</b>	<b>13.1</b>	<b>13.5</b>	<b>24.9</b>	<b>27.2</b>	<b>26.2</b>
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)	4	2	2	13.3	13.1	13.5	24.9	27.2	26.2
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)	2	2	0	6.6	13.1	0.0	9.6	18.2	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2	1	1	6.6	6.6	6.7	4.4	3.8	5.5
Peptic ulcer (K25-K28)	1	0	1	3.3	0.0	6.7	7.7	0.0	12.4
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
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>10.0</b>	<b>13.1</b>	<b>6.7</b>	<b>10.5</b>	<b>14.0</b>	<b>5.5</b>
Alcoholic liver disease (K70)	3	2	1	10.0	13.1	6.7	10.5	14.0	5.5
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	0	1	3.3	0.0	6.7	6.7	0.0	11.3
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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)	0	0	0	0.0	0.0	0.0	0.0	0.0	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)	...	...	1	...	...	6.7	...	...	12.4
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	1	1	0	3.3	6.6	0.0	4.2	8.6	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1	1	0	3.3	6.6	0.0	4.2	8.6	0.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	3	1	2	10.0	6.6	13.5	12.3	8.2	16.2
All other diseases (residual) <sup>7</sup>	11	8	3	36.5	52.4	20.2	55.5	76.3	37.9
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>13</b>	<b>10</b>	<b>3</b>	<b>43.2</b>	<b>65.5</b>	<b>20.2</b>	<b>55.4</b>	<b>80.0</b>	<b>27.6</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>7</b>	<b>5</b>	<b>2</b>	<b>23.2</b>	<b>32.8</b>	<b>13.5</b>	<b>31.1</b>	<b>35.6</b>	<b>23.4</b>
Motor vehicle accidents <sup>8</sup>	6	4	2	19.9	26.2	13.5	25.6	25.4	23.4
Other land transport accidents <sup>9</sup>	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	3.3	6.6	0.0	5.5	10.2	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>6</b>	<b>5</b>	<b>1</b>	<b>19.9</b>	<b>32.8</b>	<b>6.7</b>	<b>24.3</b>	<b>44.5</b>	<b>4.2</b>
Falls (W00-W19)	1	1	0	3.3	6.6	0.0	2.5	4.4	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)	1	1	0	3.3	6.6	0.0	2.1	4.0	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	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 Territory<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	0	0	0	0.0	0.0	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)	4	3	1	13.3	19.7	6.7	19.8	36.0	4.2
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>19.9</b>	<b>26.2</b>	<b>13.5</b>	<b>19.1</b>	<b>26.7</b>	<b>12.0</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	2	2	0	6.6	13.1	0.0	5.7	11.2	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	4	2	2	13.3	13.1	13.5	13.4	15.5	12.0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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)	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
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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 Territories<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89) <sup>3, 4, 5</sup></b>	<b>169</b>	<b>108</b>	<b>61</b>	<b>407.9</b>	<b>504.1</b>	<b>304.9</b>	<b>834.6</b>	<b>1,072.6</b>	<b>599.3</b>
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
<b>Tuberculosis (A16-A19)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2.4</b>	<b>0.0</b>	<b>5.0</b>	<b>6.9</b>	<b>0.0</b>	<b>13.2</b>
Respiratory tuberculosis (A16)	1	0	1	2.4	0.0	5.0	6.9	0.0	13.2
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	0	1	2.4	0.0	5.0	6.9	0.0	13.2
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)	1	1	0	2.4	4.7	0.0	2.1	4.1	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 <sup>6</sup>	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Malignant neoplasms (C00-C97)</b>	<b>40</b>	<b>19</b>	<b>21</b>	<b>96.5</b>	<b>88.7</b>	<b>105.0</b>	<b>167.4</b>	<b>166.6</b>	<b>165.1</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	2	2	0	4.8	9.3	0.0	4.9	8.8	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)	2	1	1	4.8	4.7	5.0	9.3	12.3	5.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	4	2	2	9.7	9.3	10.0	12.6	18.9	10.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1	1	0	2.4	4.7	0.0	2.0	3.7	0.0
Malignant neoplasm of pancreas (C25)	0	0	0	0.0	0.0	0.0	0.0	0.0	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)	12	6	6	29.0	28.0	30.0	63.5	64.0	63.1
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)	3	0	3	7.2	0.0	15.0	6.0	0.0	12.6
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)	...	0	...	...	0.0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	2	2	0	4.8	9.3	0.0	9.6	19.1	0.0
Malignant neoplasm of bladder (C67)	1	0	1	2.4	0.0	5.0	2.0	0.0	4.2
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
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>9.7</b>	<b>14.0</b>	<b>5.0</b>	<b>20.3</b>	<b>24.7</b>	<b>14.4</b>
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)	2	1	1	4.8	4.7	5.0	12.5	10.5	14.4
Leukaemia (C91-C95)	2	2	0	4.8	9.3	0.0	7.8	14.2	0.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	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	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	2	7	21.7	9.3	35.0	37.3	15.2	54.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	1	0	1	2.4	0.0	5.0	6.6	0.0	14.4
Anaemias (D50-D64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diabetes mellitus (E10-E14)	3	1	2	7.2	4.7	10.0	22.5	14.5	26.4
<b>Nutritional deficiencies (E40-E64)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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	0	1	2.4	0.0	5.0	5.8	0.0	9.4
Alzheimer's disease (G30)	2	1	1	4.8	4.7	5.0	17.3	16.0	13.2
<b>Major cardiovascular diseases (I00-I78)</b>	<b>48</b>	<b>38</b>	<b>10</b>	<b>115.8</b>	<b>177.4</b>	<b>50.0</b>	<b>301.3</b>	<b>486.7</b>	<b>126.1</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>33</b>	<b>27</b>	<b>6</b>	<b>79.6</b>	<b>126.0</b>	<b>30.0</b>	<b>201.0</b>	<b>340.3</b>	<b>67.9</b>
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
<b>Ischaemic heart diseases (I20-I25)</b>	<b>24</b>	<b>20</b>	<b>4</b>	<b>57.9</b>	<b>93.3</b>	<b>20.0</b>	<b>139.3</b>	<b>239.1</b>	<b>41.4</b>
Acute myocardial infarction (I21-I22)	12	10	2	29.0	46.7	10.0	71.0	117.5	22.5
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 Territories<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>12</b>	<b>10</b>	<b>2</b>	<b>29.0</b>	<b>46.7</b>	<b>10.0</b>	<b>68.3</b>	<b>121.5</b>	<b>18.9</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	2	2	0	4.8	9.3	0.0	14.5	35.9	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	10	8	2	24.1	37.3	10.0	53.7	85.7	18.9
<b>Other heart diseases (I26-I51)</b>	<b>9</b>	<b>7</b>	<b>2</b>	<b>21.7</b>	<b>32.7</b>	<b>10.0</b>	<b>61.8</b>	<b>101.2</b>	<b>26.5</b>
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)	7	6	1	16.9	28.0	5.0	50.2	86.5	13.2
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	2	1	1	4.8	4.7	5.0	11.6	14.8	13.3
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)	11	8	3	26.5	37.3	15.0	71.5	100.9	45.1
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>9.7</b>	<b>14.0</b>	<b>5.0</b>	<b>28.8</b>	<b>45.5</b>	<b>13.2</b>
Aortic aneurysm and dissection (I71)	1	1	0	2.4	4.7	0.0	8.6	16.0	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	3	2	1	7.2	9.3	5.0	20.2	29.5	13.2
Other disorders of circulatory system (I80-I99)	1	1	0	2.4	4.7	0.0	2.0	3.8	0.0
<b>Influenza and pneumonia (J10-J18)</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>14.5</b>	<b>18.7</b>	<b>10.0</b>	<b>29.0</b>	<b>34.5</b>	<b>22.7</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia (J12-J18)	6	4	2	14.5	18.7	10.0	29.0	34.5	22.7
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>12</b>	<b>8</b>	<b>4</b>	<b>29.0</b>	<b>37.3</b>	<b>20.0</b>	<b>90.5</b>	<b>130.5</b>	<b>59.6</b>
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Emphysema (J43)	1	1	0	2.4	4.7	0.0	8.6	16.0	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)	11	7	4	26.5	32.7	20.0	81.9	114.5	59.6
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)	2	2	0	4.8	9.3	0.0	15.6	39.8	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
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>4.8</b>	<b>0.0</b>	<b>10.0</b>	<b>9.1</b>	<b>0.0</b>	<b>19.5</b>
Alcoholic liver disease (K70)	2	0	2	4.8	0.0	10.0	9.1	0.0	19.5
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
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>4.8</b>	<b>4.7</b>	<b>5.0</b>	<b>8.7</b>	<b>12.3</b>	<b>4.5</b>
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	4.8	4.7	5.0	8.7	12.3	4.5
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)	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
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	1	1	0	2.4	4.7	0.0	2.3	5.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	8	4	4	19.3	18.7	20.0	22.7	19.8	26.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	8	5	3	19.3	23.3	15.0	27.2	21.1	28.1
All other diseases (residual) <sup>7</sup>	5	3	2	12.1	14.0	10.0	23.8	29.1	17.4
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>12</b>	<b>9</b>	<b>3</b>	<b>29.0</b>	<b>42.0</b>	<b>15.0</b>	<b>36.1</b>	<b>38.9</b>	<b>30.6</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>4.8</b>	<b>9.3</b>	<b>0.0</b>	<b>4.8</b>	<b>9.6</b>	<b>0.0</b>
Motor vehicle accidents <sup>8</sup>	2	2	0	4.8	9.3	0.0	4.8	9.6	0.0
Other land transport accidents <sup>9</sup>	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
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>10</b>	<b>7</b>	<b>3</b>	<b>24.1</b>	<b>32.7</b>	<b>15.0</b>	<b>31.3</b>	<b>29.3</b>	<b>30.6</b>
Falls (W00-W19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental discharge of firearms (W32-W34)	1	1	0	2.4	4.7	0.0	2.1	4.1	0.0
Accidental drowning and submersion (W65-W74)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	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 Territories<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	2	2	0	4.8	9.3	0.0	4.6	9.0	0.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	7	4	3	16.9	18.7	15.0	24.5	16.2	30.6
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>8</b>	<b>6</b>	<b>2</b>	<b>19.3</b>	<b>28.0</b>	<b>10.0</b>	<b>22.2</b>	<b>33.7</b>	<b>9.2</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	2	2	0	4.8	9.3	0.0	4.3	8.3	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	6	4	2	14.5	18.7	10.0	18.0	25.4	9.2
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>9.7</b>	<b>18.7</b>	<b>0.0</b>	<b>8.5</b>	<b>16.3</b>	<b>0.0</b>
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	4	0	9.7	18.7	0.0	8.5	16.3	0.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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 — Nunavut<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89) <sup>3, 4, 5</sup></b>	<b>127</b>	<b>77</b>	<b>50</b>	<b>441.9</b>	<b>515.2</b>	<b>362.5</b>	<b>1,266.9</b>	<b>1,194.7</b>	<b>1,547.2</b>
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
<b>Tuberculosis (A16-A19)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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)	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 <sup>6</sup>	1	0	1	3.5	0.0	7.2	2.0	0.0	4.2
<b>Malignant neoplasms (C00-C97)</b>	<b>34</b>	<b>19</b>	<b>15</b>	<b>118.3</b>	<b>127.1</b>	<b>108.7</b>	<b>482.4</b>	<b>479.1</b>	<b>566.4</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	3	1	2	10.4	6.7	14.5	13.8	10.4	18.0
Malignant neoplasm of oesophagus (C15)	1	1	0	3.5	6.7	0.0	13.6	22.4	0.0
Malignant neoplasm of stomach (C16)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	6	3	3	20.9	20.1	21.7	59.5	52.4	69.0
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)	0	0	0	0.0	0.0	0.0	0.0	0.0	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)	19	12	7	66.1	80.3	50.7	321.2	331.2	386.6
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)	...	0	...	...	0.0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	1	0	1	3.5	0.0	7.2	17.7	0.0	47.8
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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	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	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)	4	2	2	13.9	13.4	14.5	56.7	62.7	45.0
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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Nutritional deficiencies (E40-E64)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3.5</b>	<b>6.7</b>	<b>0.0</b>	<b>13.6</b>	<b>22.4</b>	<b>0.0</b>
Malnutrition (E40-E46)	1	1	0	3.5	6.7	0.0	13.6	22.4	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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Major cardiovascular diseases (I00-I78)</b>	<b>20</b>	<b>9</b>	<b>11</b>	<b>69.6</b>	<b>60.2</b>	<b>79.7</b>	<b>285.4</b>	<b>176.7</b>	<b>430.3</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>14</b>	<b>7</b>	<b>7</b>	<b>48.7</b>	<b>46.8</b>	<b>50.7</b>	<b>210.5</b>	<b>145.7</b>	<b>298.7</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	1	0	1	3.5	0.0	7.2	8.0	0.0	17.9
Hypertensive heart disease (I11)	1	0	1	3.5	0.0	7.2	31.6	0.0	71.6
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>20.9</b>	<b>20.1</b>	<b>21.7</b>	<b>105.8</b>	<b>63.5</b>	<b>170.8</b>
Acute myocardial infarction (I21-I22)	2	1	1	7.0	6.7	7.2	42.0	28.0	61.5
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 — Nunavut<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>13.9</b>	<b>13.4</b>	<b>14.5</b>	<b>63.8</b>	<b>35.5</b>	<b>109.3</b>
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)	4	2	2	13.9	13.4	14.5	63.8	35.5	109.3
<b>Other heart diseases (I26-I51)</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>20.9</b>	<b>26.8</b>	<b>14.5</b>	<b>65.0</b>	<b>82.2</b>	<b>38.5</b>
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)	2	2	0	7.0	13.4	0.0	42.0	68.2	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	4	2	2	13.9	13.4	14.5	23.1	14.0	38.5
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	2	4	20.9	13.4	29.0	74.9	31.0	131.6
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Aortic aneurysm and dissection (I71)	0	0	0	0.0	0.0	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	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
<b>Influenza and pneumonia (J10-J18)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>3.5</b>	<b>0.0</b>	<b>7.2</b>	<b>31.6</b>	<b>0.0</b>	<b>71.6</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia (J12-J18)	1	0	1	3.5	0.0	7.2	31.6	0.0	71.6
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>7</b>	<b>2</b>	<b>5</b>	<b>24.4</b>	<b>13.4</b>	<b>36.2</b>	<b>158.4</b>	<b>65.9</b>	<b>368.2</b>
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Emphysema (J43)	1	1	0	3.5	6.7	0.0	4.8	9.2	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)	6	1	5	20.9	6.7	36.2	153.6	56.6	368.2
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	0	1	3.5	0.0	7.2	3.8	0.0	8.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	4	3	1	13.9	20.1	7.2	23.4	39.7	4.2
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
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3.5</b>	<b>6.7</b>	<b>0.0</b>	<b>4.4</b>	<b>8.6</b>	<b>0.0</b>
Alcoholic liver disease (K70)	1	1	0	3.5	6.7	0.0	4.4	8.6	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	3.5	6.7	0.0	31.6	56.6	0.0
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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)	0	0	0	0.0	0.0	0.0	0.0	0.0	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
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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	7.0	6.7	7.2	3.9	3.8	4.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	4	0	4	13.9	0.0	29.0	11.4	0.0	24.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	4	3	1	13.9	20.1	7.2	11.4	14.6	7.7
All other diseases (residual) <sup>7</sup>	5	4	1	17.4	26.8	7.2	47.9	83.2	4.1
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>13</b>	<b>8</b>	<b>5</b>	<b>45.2</b>	<b>53.5</b>	<b>36.2</b>	<b>66.1</b>	<b>86.4</b>	<b>37.5</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>13.9</b>	<b>13.4</b>	<b>14.5</b>	<b>25.5</b>	<b>32.8</b>	<b>14.6</b>
Motor vehicle accidents <sup>8</sup>	3	1	2	10.4	6.7	14.5	11.9	10.4	14.6
Other land transport accidents <sup>9</sup>	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	3.5	6.7	0.0	13.6	22.4	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>9</b>	<b>6</b>	<b>3</b>	<b>31.3</b>	<b>40.1</b>	<b>21.7</b>	<b>40.6</b>	<b>53.6</b>	<b>23.0</b>
Falls (W00-W19)	1	0	1	3.5	0.0	7.2	2.5	0.0	5.0
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)	2	2	0	7.0	13.4	0.0	4.5	8.9	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	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 — Nunavut<sup>1</sup>

	Number of deaths			Crude mortality rate per 100,000 population <sup>2</sup>			Age-standardized mortality rate per 100,000 population <sup>2</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	3	2	1	10.4	13.4	7.2	10.0	11.9	8.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	3	2	1	10.4	13.4	7.2	23.6	32.8	9.9
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>25</b>	<b>23</b>	<b>2</b>	<b>87.0</b>	<b>153.9</b>	<b>14.5</b>	<b>79.8</b>	<b>142.1</b>	<b>12.7</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	6	6	0	20.9	40.1	0.0	17.1	33.3	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	19	17	2	66.1	113.8	14.5	62.7	108.8	12.7
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>7.0</b>	<b>6.7</b>	<b>7.2</b>	<b>6.4</b>	<b>8.6</b>	<b>4.2</b>
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)	2	1	1	7.0	6.7	7.2	6.4	8.6	4.2
Legal intervention (Y35, Y89.0)	1	1	0	3.5	6.7	0.0	3.6	7.1	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — Under 1 year<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>1,762</b>	<b>980</b>	<b>782</b>	<b>535.9</b>	<b>580.4</b>	<b>488.9</b>
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)	5	3	2	1.5	1.8	1.3
<b>Tuberculosis (A16-A19)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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)	1	1	0	0.3	0.6	0.0
Septicaemia (A40-A41)	12	9	3	3.6	5.3	1.9
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)	0	0	0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	1	0	1	0.3	0.0	0.6
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	8	4	4	2.4	2.4	2.5
<b>Malignant neoplasms (C00-C97)</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>1.5</b>	<b>1.8</b>	<b>1.3</b>
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)	1	0	1	0.3	0.0	0.6
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>0.9</b>	<b>1.2</b>	<b>0.6</b>
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	2	1	0.9	1.2	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)	1	1	0	0.3	0.6	0.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	8	3	5	2.4	1.8	3.1
Anaemias (D50-D64)	1	1	0	0.3	0.6	0.0
Diabetes mellitus (E10-E14)	0	0	0	0.0	0.0	0.0
<b>Nutritional deficiencies (E40-E64)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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)	6	5	1	1.8	3.0	0.6
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
<b>Major cardiovascular diseases (I00-I78)</b>	<b>28</b>	<b>16</b>	<b>12</b>	<b>8.5</b>	<b>9.5</b>	<b>7.5</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>18</b>	<b>9</b>	<b>9</b>	<b>5.5</b>	<b>5.3</b>	<b>5.6</b>
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 2-1 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada<sup>1</sup> — Under 1 year<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Other heart diseases (I26-I51)</b>	<b>18</b>	<b>9</b>	<b>9</b>	<b>5.5</b>	<b>5.3</b>	<b>5.6</b>
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	0.3	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)	17	8	9	5.2	4.7	5.6
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	9	6	3	2.7	3.6	1.9
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.3</b>	<b>0.6</b>	<b>0.0</b>
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)	0	0	0	0.0	0.0	0.0
<b>Influenza and pneumonia (J10-J18)</b>	<b>14</b>	<b>7</b>	<b>7</b>	<b>4.3</b>	<b>4.1</b>	<b>4.4</b>
Influenza (J10-J11)	3	3	0	0.9	1.8	0.0
Pneumonia (J12-J18)	11	4	7	3.3	2.4	4.4
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>1.8</b>	<b>2.4</b>	<b>1.3</b>
Acute bronchitis and bronchiolitis (J20-J21)	5	4	1	1.5	2.4	0.6
Unspecified acute lower respiratory infection (J22)	1	0	1	0.3	0.0	0.6
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>
Bronchitis, chronic and unspecified (J40-J42)	1	0	1	0.3	0.0	0.6
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	1	1	0	0.3	0.6	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)	0	0	0	0.0	0.0	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	7	5	2	2.1	3.0	1.3
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)	4	2	2	1.2	1.2	1.3
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.3</b>
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)	4	2	2	1.2	1.2	1.3
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
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	918	520	398	279.2	308.0	248.8
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	427	217	210	129.9	128.5	131.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	171	103	68	52.0	61.0	42.5
All other diseases (residual) <sup>11</sup>	81	44	37	24.6	26.1	23.1
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>35</b>	<b>20</b>	<b>15</b>	<b>10.6</b>	<b>11.8</b>	<b>9.4</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>1.5</b>	<b>1.2</b>	<b>1.9</b>
Motor vehicle accidents <sup>12</sup>	5	2	3	1.5	1.2	1.9
Other land transport accidents <sup>13</sup>	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, Canada<sup>1</sup> — Under 1 year<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	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
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>30</b>	<b>18</b>	<b>12</b>	<b>9.1</b>	<b>10.7</b>	<b>7.5</b>
Falls (W00-W19)	1	1	0	0.3	0.6	0.0
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	5	4	1	1.5	2.4	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)	1	1	0	0.3	0.6	0.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	23	12	11	7.0	7.1	6.9
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>9</b>	<b>4</b>	<b>5</b>	<b>2.7</b>	<b>2.4</b>	<b>3.1</b>
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)	9	4	5	2.7	2.4	3.1
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>5</b>	<b>4</b>	<b>1</b>	<b>1.5</b>	<b>2.4</b>	<b>0.6</b>
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)	5	4	1	1.5	2.4	0.6
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)	4	2	2	1.2	1.2	1.3

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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 1 to 4 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>319</b>	<b>168</b>	<b>151</b>	<b>22.7</b>	<b>23.4</b>	<b>22.0</b>
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	0	1	0.1	0.0	0.1
<b>Tuberculosis (A16-A19)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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	0.3	0.3	0.3
Septicaemia (A40-A41)	7	4	3	0.5	0.6	0.4
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 <sup>10</sup>	6	3	3	0.4	0.4	0.4
<b>Malignant neoplasms (C00-C97)</b>	<b>33</b>	<b>18</b>	<b>15</b>	<b>2.3</b>	<b>2.5</b>	<b>2.2</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	0	1	0.1	0.0	0.1
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)	1	0	1	0.1	0.0	0.1
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	0	1	0.1	0.0	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)	10	5	5	0.7	0.7	0.7
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>10</b>	<b>8</b>	<b>2</b>	<b>0.7</b>	<b>1.1</b>	<b>0.3</b>
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)	10	8	2	0.7	1.1	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)	9	4	5	0.6	0.6	0.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	4	1	3	0.3	0.1	0.4
Anaemias (D50-D64)	3	1	2	0.2	0.1	0.3
Diabetes mellitus (E10-E14)	0	0	0	0.0	0.0	0.0
<b>Nutritional deficiencies (E40-E64)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Major cardiovascular diseases (I00-I78)</b>	<b>15</b>	<b>6</b>	<b>9</b>	<b>1.1</b>	<b>0.8</b>	<b>1.3</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>9</b>	<b>4</b>	<b>5</b>	<b>0.6</b>	<b>0.6</b>	<b>0.7</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	1	1	0	0.1	0.1	0.0
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-2 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada<sup>1</sup> — 1 to 4 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Other heart diseases (I26-I51)</b>	<b>8</b>	<b>3</b>	<b>5</b>	<b>0.6</b>	<b>0.4</b>	<b>0.7</b>
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	3	1	2	0.2	0.1	0.3
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)	5	2	3	0.4	0.3	0.4
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	6	2	4	0.4	0.3	0.6
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Influenza and pneumonia (J10-J18)</b>	<b>6</b>	<b>2</b>	<b>4</b>	<b>0.4</b>	<b>0.3</b>	<b>0.6</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	6	2	4	0.4	0.3	0.6
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>
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	1	2	0.2	0.1	0.3
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	5	3	2	0.4	0.4	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
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	41	18	23	2.9	2.5	3.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	28	16	12	2.0	2.2	1.7
All other diseases (residual) <sup>11</sup>	53	29	24	3.8	4.0	3.5
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>85</b>	<b>50</b>	<b>35</b>	<b>6.0</b>	<b>7.0</b>	<b>5.1</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>30</b>	<b>16</b>	<b>14</b>	<b>2.1</b>	<b>2.2</b>	<b>2.0</b>
Motor vehicle accidents <sup>12</sup>	29	16	13	2.1	2.2	1.9
Other land transport accidents <sup>13</sup>	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, Canada<sup>1</sup> — 1 to 4 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	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	0.1	0.0	0.1
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>55</b>	<b>34</b>	<b>21</b>	<b>3.9</b>	<b>4.7</b>	<b>3.1</b>
Falls (W00-W19)	5	5	0	0.4	0.7	0.0
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	24	15	9	1.7	2.1	1.3
Accidental exposure to smoke, fire and flames (X00-X09)	7	4	3	0.5	0.6	0.4
Accidental poisoning and exposure to noxious substances (X40-X49)	2	2	0	0.1	0.3	0.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	17	8	9	1.2	1.1	1.3
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>17</b>	<b>8</b>	<b>9</b>	<b>1.2</b>	<b>1.1</b>	<b>1.3</b>
Assault (homicide) by discharge of firearms (X93-X95)	3	2	1	0.2	0.3	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	14	6	8	1.0	0.8	1.2
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>
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)	2	1	1	0.1	0.1	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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 5 to 9 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>231</b>	<b>137</b>	<b>94</b>	<b>11.6</b>	<b>13.4</b>	<b>9.7</b>
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
<b>Tuberculosis (A16-A19)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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	1	1	0.1	0.1	0.1
Septicaemia (A40-A41)	3	0	3	0.2	0.0	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)	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 <sup>10</sup>	3	3	0	0.2	0.3	0.0
<b>Malignant neoplasms (C00-C97)</b>	<b>50</b>	<b>28</b>	<b>22</b>	<b>2.5</b>	<b>2.7</b>	<b>2.3</b>
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)	1	1	0	0.1	0.1	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)	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)	18	10	8	0.9	1.0	0.8
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>15</b>	<b>10</b>	<b>5</b>	<b>0.8</b>	<b>1.0</b>	<b>0.5</b>
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	3	2	1	0.2	0.2	0.1
Leukaemia (C91-C95)	12	8	4	0.6	0.8	0.4
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	5	9	0.7	0.5	0.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	2	0	2	0.1	0.0	0.2
Anaemias (D50-D64)	2	2	0	0.1	0.2	0.0
Diabetes mellitus (E10-E14)	1	0	1	0.1	0.0	0.1
<b>Nutritional deficiencies (E40-E64)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Major cardiovascular diseases (I00-I78)</b>	<b>7</b>	<b>4</b>	<b>3</b>	<b>0.4</b>	<b>0.4</b>	<b>0.3</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
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, Canada<sup>1</sup> — 5 to 9 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>
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
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>
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	1	0	0.1	0.1	0.0
<b>Other heart diseases (I26-I51)</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>0.2</b>	<b>0.1</b>	<b>0.2</b>
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	0	2	0.1	0.0	0.2
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)	1	1	0	0.1	0.1	0.0
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	0.2	0.2	0.1
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Influenza and pneumonia (J10-J18)</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>0.3</b>	<b>0.2</b>	<b>0.3</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	5	2	3	0.3	0.2	0.3
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>
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)	0	0	0	0.0	0.0	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	1	0	1	0.1	0.0	0.1
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
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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	2	0	0.1	0.2	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	17	13	4	0.9	1.3	0.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	5	5	0	0.3	0.5	0.0
All other diseases (residual) <sup>11</sup>	36	22	14	1.8	2.2	1.4
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>83</b>	<b>49</b>	<b>34</b>	<b>4.2</b>	<b>4.8</b>	<b>3.5</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>52</b>	<b>29</b>	<b>23</b>	<b>2.6</b>	<b>2.8</b>	<b>2.4</b>
Motor vehicle accidents <sup>12</sup>	48	27	21	2.4	2.6	2.2
Other land transport accidents <sup>13</sup>	1	0	1	0.1	0.0	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, Canada<sup>1</sup> — 5 to 9 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	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	2	1	0.2	0.2	0.1
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>31</b>	<b>20</b>	<b>11</b>	<b>1.6</b>	<b>2.0</b>	<b>1.1</b>
Falls (W00-W19)	2	2	0	0.1	0.2	0.0
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	7	5	2	0.4	0.5	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	8	5	3	0.4	0.5	0.3
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)	12	7	5	0.6	0.7	0.5
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>6</b>	<b>2</b>	<b>4</b>	<b>0.3</b>	<b>0.2</b>	<b>0.4</b>
Assault (homicide) by discharge of firearms (X93-X95)	3	1	2	0.2	0.1	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	3	1	2	0.2	0.1	0.2
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>
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	1	1	0.1	0.1	0.1
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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 10 to 14 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>332</b>	<b>194</b>	<b>138</b>	<b>15.8</b>	<b>18.0</b>	<b>13.4</b>
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
<b>Tuberculosis (A16-A19)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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)	2	1	1	0.1	0.1	0.1
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 <sup>10</sup>	2	2	0	0.1	0.2	0.0
<b>Malignant neoplasms (C00-C97)</b>	<b>42</b>	<b>20</b>	<b>22</b>	<b>2.0</b>	<b>1.9</b>	<b>2.1</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	2	1	1	0.1	0.1	0.1
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)	1	1	0	0.0	0.1	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)	...	...	2	...	...	0.2
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	3	5	0.4	0.3	0.5
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>14</b>	<b>8</b>	<b>6</b>	<b>0.7</b>	<b>0.7</b>	<b>0.6</b>
Hodgkin's disease (C81)	2	1	1	0.1	0.1	0.1
Non-Hodgkin's lymphoma (C82-C85)	1	1	0	0.0	0.1	0.0
Leukaemia (C91-C95)	11	6	5	0.5	0.6	0.5
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)	15	7	8	0.7	0.6	0.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	8	6	2	0.4	0.6	0.2
Anaemias (D50-D64)	1	0	1	0.0	0.0	0.1
Diabetes mellitus (E10-E14)	0	0	0	0.0	0.0	0.0
<b>Nutritional deficiencies (E40-E64)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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)	1	0	1	0.0	0.0	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
<b>Major cardiovascular diseases (I00-I78)</b>	<b>15</b>	<b>7</b>	<b>8</b>	<b>0.7</b>	<b>0.6</b>	<b>0.8</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>12</b>	<b>6</b>	<b>6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>
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, Canada<sup>1</sup> — 10 to 14 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Other heart diseases (I26-I51)</b>	<b>12</b>	<b>6</b>	<b>6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	3	2	1	0.1	0.2	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)	9	4	5	0.4	0.4	0.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	2	1	1	0.1	0.1	0.1
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>
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)	0	0	0	0.0	0.0	0.0
<b>Influenza and pneumonia (J10-J18)</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0.1</b>	<b>0.3</b>	<b>0.0</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	3	3	0	0.1	0.3	0.0
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>
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	0.0	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)	0	0	0	0.0	0.0	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	1	1	0	0.0	0.1	0.0
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)	0	0	0	0.0	0.0	0.0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0.1</b>	<b>0.0</b>	<b>0.2</b>
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	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)	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
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	17	13	4	0.8	1.2	0.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	13	5	8	0.6	0.5	0.8
All other diseases (residual) <sup>11</sup>	51	27	24	2.4	2.5	2.3
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>131</b>	<b>87</b>	<b>44</b>	<b>6.2</b>	<b>8.1</b>	<b>4.3</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>97</b>	<b>60</b>	<b>37</b>	<b>4.6</b>	<b>5.6</b>	<b>3.6</b>
Motor vehicle accidents <sup>12</sup>	93	59	34	4.4	5.5	3.3
Other land transport accidents <sup>13</sup>	3	1	2	0.1	0.1	0.2

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, Canada<sup>1</sup> — 10 to 14 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	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	0.0	0.0	0.1
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>34</b>	<b>27</b>	<b>7</b>	<b>1.6</b>	<b>2.5</b>	<b>0.7</b>
Falls (W00-W19)	3	2	1	0.1	0.2	0.1
Accidental discharge of firearms (W32-W34)	3	3	0	0.1	0.3	0.0
Accidental drowning and submersion (W65-W74)	10	8	2	0.5	0.7	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	6	4	2	0.3	0.4	0.2
Accidental poisoning and exposure to noxious substances (X40-X49)	1	0	1	0.0	0.0	0.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	11	10	1	0.5	0.9	0.1
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>35</b>	<b>18</b>	<b>17</b>	<b>1.7</b>	<b>1.7</b>	<b>1.7</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	4	4	0	0.2	0.4	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	31	14	17	1.5	1.3	1.7
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>0.2</b>	<b>0.2</b>	<b>0.3</b>
Assault (homicide) by discharge of firearms (X93-X95)	1	1	0	0.0	0.1	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	4	1	3	0.2	0.1	0.3
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 15 to 19 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>978</b>	<b>673</b>	<b>305</b>	<b>46.0</b>	<b>61.6</b>	<b>29.5</b>
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
<b>Tuberculosis (A16-A19)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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	1	1	0.1	0.1	0.1
Septicaemia (A40-A41)	1	1	0	0.0	0.1	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 <sup>10</sup>	4	2	2	0.2	0.2	0.2
<b>Malignant neoplasms (C00-C97)</b>	<b>56</b>	<b>29</b>	<b>27</b>	<b>2.6</b>	<b>2.7</b>	<b>2.6</b>
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)	2	1	1	0.1	0.1	0.1
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	0	1	0.0	0.0	0.1
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)	...	...	1	...	...	0.1
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)	7	3	4	0.3	0.3	0.4
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>23</b>	<b>13</b>	<b>10</b>	<b>1.1</b>	<b>1.2</b>	<b>1.0</b>
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)	18	10	8	0.8	0.9	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)	21	12	9	1.0	1.1	0.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	5	3	2	0.2	0.3	0.2
Anaemias (D50-D64)	2	0	2	0.1	0.0	0.2
Diabetes mellitus (E10-E14)	3	1	2	0.1	0.1	0.2
<b>Nutritional deficiencies (E40-E64)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>
Malnutrition (E40-E46)	1	1	0	0.0	0.1	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
<b>Major cardiovascular diseases (I00-I78)</b>	<b>31</b>	<b>18</b>	<b>13</b>	<b>1.5</b>	<b>1.6</b>	<b>1.3</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>26</b>	<b>15</b>	<b>11</b>	<b>1.2</b>	<b>1.4</b>	<b>1.1</b>
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, Canada<sup>1</sup> — 15 to 19 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>
Acute myocardial infarction (I21-I22)	1	1	0	0.0	0.1	0.0
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Other heart diseases (I26-I51)</b>	<b>25</b>	<b>14</b>	<b>11</b>	<b>1.2</b>	<b>1.3</b>	<b>1.1</b>
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	3	2	1	0.1	0.2	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)	21	11	10	1.0	1.0	1.0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	5	3	2	0.2	0.3	0.2
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Influenza and pneumonia (J10-J18)</b>	<b>6</b>	<b>2</b>	<b>4</b>	<b>0.3</b>	<b>0.2</b>	<b>0.4</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	6	2	4	0.3	0.2	0.4
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>
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	0.0	0.1	0.0
Other chronic lower respiratory diseases (J44, J47)	2	0	2	0.1	0.0	0.2
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	0.0	0.1	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	0	0	0	0.0	0.0	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
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
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)	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)	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
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	19	7	12	0.9	0.6	1.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	52	38	14	2.4	3.5	1.4
All other diseases (residual) <sup>11</sup>	61	34	27	2.9	3.1	2.6
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>454</b>	<b>327</b>	<b>127</b>	<b>21.4</b>	<b>29.9</b>	<b>12.3</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>350</b>	<b>250</b>	<b>100</b>	<b>16.5</b>	<b>22.9</b>	<b>9.7</b>
Motor vehicle accidents <sup>12</sup>	333	237	96	15.7	21.7	9.3
Other land transport accidents <sup>13</sup>	7	4	3	0.3	0.4	0.3

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, Canada<sup>1</sup> — 15 to 19 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	10	9	1	0.5	0.8	0.1
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>104</b>	<b>77</b>	<b>27</b>	<b>4.9</b>	<b>7.0</b>	<b>2.6</b>
Falls (W00-W19)	12	10	2	0.6	0.9	0.2
Accidental discharge of firearms (W32-W34)	1	1	0	0.0	0.1	0.0
Accidental drowning and submersion (W65-W74)	28	24	4	1.3	2.2	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	7	5	2	0.3	0.5	0.2
Accidental poisoning and exposure to noxious substances (X40-X49)	28	15	13	1.3	1.4	1.3
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	28	22	6	1.3	2.0	0.6
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>215</b>	<b>161</b>	<b>54</b>	<b>10.1</b>	<b>14.7</b>	<b>5.2</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	44	43	1	2.1	3.9	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	171	118	53	8.0	10.8	5.1
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>43</b>	<b>31</b>	<b>12</b>	<b>2.0</b>	<b>2.8</b>	<b>1.2</b>
Assault (homicide) by discharge of firearms (X93-X95)	9	8	1	0.4	0.7	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	34	23	11	1.6	2.1	1.1
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>16</b>	<b>13</b>	<b>3</b>	<b>0.8</b>	<b>1.2</b>	<b>0.3</b>
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)	14	11	3	0.7	1.0	0.3
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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 20 to 24 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>1,238</b>	<b>886</b>	<b>352</b>	<b>57.6</b>	<b>80.6</b>	<b>33.5</b>
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
<b>Tuberculosis (A16-A19)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	1	0	1	0.0	0.0	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	0.0	0.1	0.0
Septicaemia (A40-A41)	2	0	2	0.1	0.0	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 <sup>10</sup>	4	3	1	0.2	0.3	0.1
<b>Malignant neoplasms (C00-C97)</b>	<b>109</b>	<b>52</b>	<b>57</b>	<b>5.1</b>	<b>4.7</b>	<b>5.4</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	2	0	2	0.1	0.0	0.2
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	2	0	2	0.1	0.0	0.2
Malignant neoplasms of colon, rectum and anus (C18-C21)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	2	1	1	0.1	0.1	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)	2	1	1	0.1	0.1	0.1
Malignant melanoma of skin (C43)	8	4	4	0.4	0.4	0.4
Malignant neoplasm of breast (C50)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of cervix uteri (C53)	...	...	4	...	...	0.4
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	4	...	...	0.4
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)	11	4	7	0.5	0.4	0.7
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>44</b>	<b>25</b>	<b>19</b>	<b>2.0</b>	<b>2.3</b>	<b>1.8</b>
Hodgkin's disease (C81)	7	6	1	0.3	0.5	0.1
Non-Hodgkin's lymphoma (C82-C85)	10	5	5	0.5	0.5	0.5
Leukaemia (C91-C95)	27	14	13	1.3	1.3	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)	28	15	13	1.3	1.4	1.2
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	7	5	2	0.3	0.5	0.2
Anaemias (D50-D64)	6	4	2	0.3	0.4	0.2
Diabetes mellitus (E10-E14)	4	4	0	0.2	0.4	0.0
<b>Nutritional deficiencies (E40-E64)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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)	1	1	0	0.0	0.1	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
<b>Major cardiovascular diseases (I00-I78)</b>	<b>37</b>	<b>29</b>	<b>8</b>	<b>1.7</b>	<b>2.6</b>	<b>0.8</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>26</b>	<b>20</b>	<b>6</b>	<b>1.2</b>	<b>1.8</b>	<b>0.6</b>
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 2-6 – continued

Deaths by selected grouped causes, age group at time of death and sex, Canada<sup>1</sup> — 20 to 24 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0.1</b>	<b>0.2</b>	<b>0.0</b>
Acute myocardial infarction (I21-I22)	2	2	0	0.1	0.2	0.0
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Other heart diseases (I26-I51)</b>	<b>24</b>	<b>18</b>	<b>6</b>	<b>1.1</b>	<b>1.6</b>	<b>0.6</b>
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)	1	1	0	0.0	0.1	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	22	17	5	1.0	1.5	0.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1	1	0	0.0	0.1	0.0
Cerebrovascular diseases (I60-I69)	6	4	2	0.3	0.4	0.2
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>0.2</b>	<b>0.4</b>	<b>0.0</b>
Aortic aneurysm and dissection (I71)	3	3	0	0.1	0.3	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)	3	0	3	0.1	0.0	0.3
<b>Influenza and pneumonia (J10-J18)</b>	<b>9</b>	<b>6</b>	<b>3</b>	<b>0.4</b>	<b>0.5</b>	<b>0.3</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	9	6	3	0.4	0.5	0.3
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>5</b>	<b>1</b>	<b>4</b>	<b>0.2</b>	<b>0.1</b>	<b>0.4</b>
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)	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	0.0	0.1	0.0
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)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	1	0	1	0.0	0.0	0.1
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	2	1	1	0.1	0.1	0.1
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>4</b>	<b>1</b>	<b>3</b>	<b>0.2</b>	<b>0.1</b>	<b>0.3</b>
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)	3	0	3	0.1	0.0	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
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>1</b>	<b>...</b>	<b>...</b>	<b>0.1</b>
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)	25	12	13	1.2	1.1	1.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	52	41	11	2.4	3.7	1.0
All other diseases (residual) <sup>11</sup>	90	55	35	4.2	5.0	3.3
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>514</b>	<b>382</b>	<b>132</b>	<b>23.9</b>	<b>34.8</b>	<b>12.6</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>369</b>	<b>267</b>	<b>102</b>	<b>17.2</b>	<b>24.3</b>	<b>9.7</b>
Motor vehicle accidents <sup>12</sup>	354	254	100	16.5	23.1	9.5
Other land transport accidents <sup>13</sup>	5	4	1	0.2	0.4	0.1

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, Canada<sup>1</sup> — 20 to 24 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	10	9	1	0.5	0.8	0.1
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>145</b>	<b>115</b>	<b>30</b>	<b>6.7</b>	<b>10.5</b>	<b>2.9</b>
Falls (W00-W19)	19	15	4	0.9	1.4	0.4
Accidental discharge of firearms (W32-W34)	2	2	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	29	26	3	1.3	2.4	0.3
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)	40	25	15	1.9	2.3	1.4
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	44	38	6	2.0	3.5	0.6
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>277</b>	<b>223</b>	<b>54</b>	<b>12.9</b>	<b>20.3</b>	<b>5.1</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	43	42	1	2.0	3.8	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	234	181	53	10.9	16.5	5.0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>58</b>	<b>45</b>	<b>13</b>	<b>2.7</b>	<b>4.1</b>	<b>1.2</b>
Assault (homicide) by discharge of firearms (X93-X95)	29	27	2	1.3	2.5	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	29	18	11	1.3	1.6	1.0
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.1	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>21</b>	<b>17</b>	<b>4</b>	<b>1.0</b>	<b>1.5</b>	<b>0.4</b>
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)	19	15	4	0.9	1.4	0.4
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)	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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 25 to 29 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>1,144</b>	<b>819</b>	<b>325</b>	<b>54.6</b>	<b>77.0</b>	<b>31.5</b>
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
<b>Tuberculosis (A16-A19)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	1	0	1	0.0	0.0	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)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	2	1	1	0.1	0.1	0.1
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)	1	0	1	0.0	0.0	0.1
Human immunodeficiency virus [HIV] disease (B20-B24)	11	8	3	0.5	0.8	0.3
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	4	4	0	0.2	0.4	0.0
<b>Malignant neoplasms (C00-C97)</b>	<b>122</b>	<b>64</b>	<b>58</b>	<b>5.8</b>	<b>6.0</b>	<b>5.6</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	3	2	1	0.1	0.2	0.1
Malignant neoplasm of oesophagus (C15)	2	2	0	0.1	0.2	0.0
Malignant neoplasm of stomach (C16)	4	1	3	0.2	0.1	0.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	7	5	2	0.3	0.5	0.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	4	1	3	0.2	0.1	0.3
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)	3	1	2	0.1	0.1	0.2
Malignant melanoma of skin (C43)	4	3	1	0.2	0.3	0.1
Malignant neoplasm of breast (C50)	7	0	7	0.3	0.0	0.7
Malignant neoplasm of cervix uteri (C53)	...	...	7	...	...	0.7
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	5	...	...	0.5
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)	18	12	6	0.9	1.1	0.6
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>24</b>	<b>12</b>	<b>12</b>	<b>1.1</b>	<b>1.1</b>	<b>1.2</b>
Hodgkin's disease (C81)	6	2	4	0.3	0.2	0.4
Non-Hodgkin's lymphoma (C82-C85)	6	3	3	0.3	0.3	0.3
Leukaemia (C91-C95)	12	7	5	0.6	0.7	0.5
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)	34	25	9	1.6	2.4	0.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	6	5	1	0.3	0.5	0.1
Anaemias (D50-D64)	1	0	1	0.0	0.0	0.1
Diabetes mellitus (E10-E14)	6	3	3	0.3	0.3	0.3
<b>Nutritional deficiencies (E40-E64)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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)	1	1	0	0.0	0.1	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
<b>Major cardiovascular diseases (I00-I78)</b>	<b>60</b>	<b>38</b>	<b>22</b>	<b>2.9</b>	<b>3.6</b>	<b>2.1</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>46</b>	<b>29</b>	<b>17</b>	<b>2.2</b>	<b>2.7</b>	<b>1.6</b>
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, Canada<sup>1</sup> — 25 to 29 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>17</b>	<b>12</b>	<b>5</b>	<b>0.8</b>	<b>1.1</b>	<b>0.5</b>
Acute myocardial infarction (I21-I22)	11	8	3	0.5	0.8	0.3
Other acute ischaemic heart diseases (I24)	1	1	0	0.0	0.1	0.0
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>0.2</b>	<b>0.3</b>	<b>0.2</b>
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)	5	3	2	0.2	0.3	0.2
<b>Other heart diseases (I26-I51)</b>	<b>29</b>	<b>17</b>	<b>12</b>	<b>1.4</b>	<b>1.6</b>	<b>1.2</b>
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	1	1	0.1	0.1	0.1
Heart failure (I50)	2	0	2	0.1	0.0	0.2
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	25	16	9	1.2	1.5	0.9
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	11	7	4	0.5	0.7	0.4
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
Aortic aneurysm and dissection (I71)	2	2	0	0.1	0.2	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)	3	2	1	0.1	0.2	0.1
<b>Influenza and pneumonia (J10-J18)</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	3	1	2	0.1	0.1	0.2
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>0.2</b>	<b>0.3</b>	<b>0.2</b>
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)	4	2	2	0.2	0.2	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	0	2	0.1	0.0	0.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	5	5	0	0.2	0.5	0.0
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
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
Alcoholic liver disease (K70)	1	0	1	0.0	0.0	0.1
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)	1	0	1	0.0	0.0	0.1
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0.1</b>	<b>0.3</b>	<b>0.0</b>
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)	3	3	0	0.1	0.3	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
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>3</b>	<b>...</b>	<b>...</b>	<b>0.3</b>
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	3	...	...	0.3
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	9	13	1.0	0.8	1.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	58	40	18	2.8	3.8	1.7
All other diseases (residual) <sup>11</sup>	92	52	40	4.4	4.9	3.9
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>372</b>	<b>297</b>	<b>75</b>	<b>17.7</b>	<b>27.9</b>	<b>7.3</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>232</b>	<b>188</b>	<b>44</b>	<b>11.1</b>	<b>17.7</b>	<b>4.3</b>
Motor vehicle accidents <sup>12</sup>	221	178	43	10.5	16.7	4.2
Other land transport accidents <sup>13</sup>	2	2	0	0.1	0.2	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, Canada<sup>1</sup> — 25 to 29 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	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	8	1	0.4	0.8	0.1
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>140</b>	<b>109</b>	<b>31</b>	<b>6.7</b>	<b>10.2</b>	<b>3.0</b>
Falls (W00-W19)	12	11	1	0.6	1.0	0.1
Accidental discharge of firearms (W32-W34)	5	5	0	0.2	0.5	0.0
Accidental drowning and submersion (W65-W74)	14	10	4	0.7	0.9	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	10	6	4	0.5	0.6	0.4
Accidental poisoning and exposure to noxious substances (X40-X49)	75	55	20	3.6	5.2	1.9
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	24	22	2	1.1	2.1	0.2
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>265</b>	<b>216</b>	<b>49</b>	<b>12.6</b>	<b>20.3</b>	<b>4.7</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	29	27	2	1.4	2.5	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	236	189	47	11.3	17.8	4.6
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>58</b>	<b>39</b>	<b>19</b>	<b>2.8</b>	<b>3.7</b>	<b>1.8</b>
Assault (homicide) by discharge of firearms (X93-X95)	17	16	1	0.8	1.5	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	41	23	18	2.0	2.2	1.7
Legal intervention (Y35, Y89.0)	4	4	0	0.2	0.4	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>27</b>	<b>20</b>	<b>7</b>	<b>1.3</b>	<b>1.9</b>	<b>0.7</b>
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)	27	20	7	1.3	1.9	0.7
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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 30 to 34 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>1,565</b>	<b>1,049</b>	<b>516</b>	<b>69.9</b>	<b>92.9</b>	<b>46.6</b>
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
<b>Tuberculosis (A16-A19)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	1	0	1	0.0	0.0	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)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	7	4	3	0.3	0.4	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)	2	0	2	0.1	0.0	0.2
Human immunodeficiency virus [HIV] disease (B20-B24)	29	22	7	1.3	1.9	0.6
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	3	2	1	0.1	0.2	0.1
<b>Malignant neoplasms (C00-C97)</b>	<b>235</b>	<b>112</b>	<b>123</b>	<b>10.5</b>	<b>9.9</b>	<b>11.1</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	5	4	1	0.2	0.4	0.1
Malignant neoplasm of oesophagus (C15)	3	2	1	0.1	0.2	0.1
Malignant neoplasm of stomach (C16)	6	5	1	0.3	0.4	0.1
Malignant neoplasms of colon, rectum and anus (C18-C21)	14	6	8	0.6	0.5	0.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	6	4	2	0.3	0.4	0.2
Malignant neoplasm of pancreas (C25)	6	0	6	0.3	0.0	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)	15	7	8	0.7	0.6	0.7
Malignant melanoma of skin (C43)	16	12	4	0.7	1.1	0.4
Malignant neoplasm of breast (C50)	26	0	26	1.2	0.0	2.3
Malignant neoplasm of cervix uteri (C53)	...	...	8	...	...	0.7
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	4	...	...	0.4
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	1	0	1	0.0	0.0	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)	33	24	9	1.5	2.1	0.8
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>46</b>	<b>27</b>	<b>19</b>	<b>2.1</b>	<b>2.4</b>	<b>1.7</b>
Hodgkin's disease (C81)	4	2	2	0.2	0.2	0.2
Non-Hodgkin's lymphoma (C82-C85)	20	13	7	0.9	1.2	0.6
Leukaemia (C91-C95)	22	12	10	1.0	1.1	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)	46	21	25	2.1	1.9	2.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	10	6	4	0.4	0.5	0.4
Anaemias (D50-D64)	1	0	1	0.0	0.0	0.1
Diabetes mellitus (E10-E14)	30	19	11	1.3	1.7	1.0
<b>Nutritional deficiencies (E40-E64)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>
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	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
<b>Major cardiovascular diseases (I00-I78)</b>	<b>131</b>	<b>88</b>	<b>43</b>	<b>5.9</b>	<b>7.8</b>	<b>3.9</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>90</b>	<b>62</b>	<b>28</b>	<b>4.0</b>	<b>5.5</b>	<b>2.5</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0.0	0.0	0.0
Hypertensive heart disease (I11)	2	1	1	0.1	0.1	0.1

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, Canada<sup>1</sup> — 30 to 34 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>45</b>	<b>31</b>	<b>14</b>	<b>2.0</b>	<b>2.7</b>	<b>1.3</b>
Acute myocardial infarction (I21-I22)	26	19	7	1.2	1.7	0.6
Other acute ischaemic heart diseases (I24)	3	2	1	0.1	0.2	0.1
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>16</b>	<b>10</b>	<b>6</b>	<b>0.7</b>	<b>0.9</b>	<b>0.5</b>
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)	15	9	6	0.7	0.8	0.5
<b>Other heart diseases (I26-I51)</b>	<b>43</b>	<b>30</b>	<b>13</b>	<b>1.9</b>	<b>2.7</b>	<b>1.2</b>
Acute and subacute endocarditis (I33)	1	1	0	0.0	0.1	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	3	3	0	0.1	0.3	0.0
Heart failure (I50)	2	1	1	0.1	0.1	0.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	37	25	12	1.7	2.2	1.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1	0	1	0.0	0.0	0.1
Cerebrovascular diseases (I60-I69)	28	16	12	1.3	1.4	1.1
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>12</b>	<b>10</b>	<b>2</b>	<b>0.5</b>	<b>0.9</b>	<b>0.2</b>
Aortic aneurysm and dissection (I71)	10	9	1	0.4	0.8	0.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	2	1	1	0.1	0.1	0.1
Other disorders of circulatory system (I80-I99)	4	0	4	0.2	0.0	0.4
<b>Influenza and pneumonia (J10-J18)</b>	<b>14</b>	<b>7</b>	<b>7</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	14	7	7	0.6	0.6	0.6
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
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	0.0	0.0	0.1
Other chronic lower respiratory diseases (J44, J47)	2	2	0	0.1	0.2	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)	7	6	1	0.3	0.5	0.1
Peptic ulcer (K25-K28)	3	3	0	0.1	0.3	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	1	0	1	0.0	0.0	0.1
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>16</b>	<b>8</b>	<b>8</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>
Alcoholic liver disease (K70)	8	4	4	0.4	0.4	0.4
Other chronic liver disease and cirrhosis (K73-K74)	8	4	4	0.4	0.4	0.4
Cholelithiasis and other disorders of gallbladder (K80-K82)	1	0	1	0.0	0.0	0.1
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>
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)	3	0	3	0.1	0.0	0.3
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>7</b>	<b>...</b>	<b>...</b>	<b>0.6</b>
Pregnancy with abortive outcome (O00-O07)	...	...	1	...	...	0.1
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	6	...	...	0.5
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	7	11	0.8	0.6	1.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	96	64	32	4.3	5.7	2.9
All other diseases (residual) <sup>11</sup>	134	73	61	6.0	6.5	5.5
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>396</b>	<b>314</b>	<b>82</b>	<b>17.7</b>	<b>27.8</b>	<b>7.4</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>185</b>	<b>140</b>	<b>45</b>	<b>8.3</b>	<b>12.4</b>	<b>4.1</b>
Motor vehicle accidents <sup>12</sup>	173	130	43	7.7	11.5	3.9
Other land transport accidents <sup>13</sup>	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, Canada<sup>1</sup> — 30 to 34 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	10	8	2	0.4	0.7	0.2
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>211</b>	<b>174</b>	<b>37</b>	<b>9.4</b>	<b>15.4</b>	<b>3.3</b>
Falls (W00-W19)	15	13	2	0.7	1.2	0.2
Accidental discharge of firearms (W32-W34)	3	2	1	0.1	0.2	0.1
Accidental drowning and submersion (W65-W74)	16	14	2	0.7	1.2	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	19	14	5	0.8	1.2	0.5
Accidental poisoning and exposure to noxious substances (X40-X49)	105	82	23	4.7	7.3	2.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	53	49	4	2.4	4.3	0.4
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>325</b>	<b>250</b>	<b>75</b>	<b>14.5</b>	<b>22.1</b>	<b>6.8</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	33	33	0	1.5	2.9	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	292	217	75	13.1	19.2	6.8
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>48</b>	<b>37</b>	<b>11</b>	<b>2.1</b>	<b>3.3</b>	<b>1.0</b>
Assault (homicide) by discharge of firearms (X93-X95)	21	18	3	0.9	1.6	0.3
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	27	19	8	1.2	1.7	0.7
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>30</b>	<b>20</b>	<b>10</b>	<b>1.3</b>	<b>1.8</b>	<b>0.9</b>
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	20	10	1.3	1.8	0.9
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)	3	0	3	0.1	0.0	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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 35 to 39 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>2,528</b>	<b>1,569</b>	<b>959</b>	<b>98.3</b>	<b>121.2</b>	<b>75.2</b>
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	0	1	0.0	0.0	0.1
<b>Tuberculosis (A16-A19)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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)	3	1	2	0.1	0.1	0.2
Septicaemia (A40-A41)	13	4	9	0.5	0.3	0.7
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)	12	8	4	0.5	0.6	0.3
Human immunodeficiency virus [HIV] disease (B20-B24)	79	68	11	3.1	5.3	0.9
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	4	2	2	0.2	0.2	0.2
<b>Malignant neoplasms (C00-C97)</b>	<b>554</b>	<b>212</b>	<b>342</b>	<b>21.5</b>	<b>16.4</b>	<b>26.8</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	12	8	4	0.5	0.6	0.3
Malignant neoplasm of oesophagus (C15)	4	3	1	0.2	0.2	0.1
Malignant neoplasm of stomach (C16)	10	8	2	0.4	0.6	0.2
Malignant neoplasms of colon, rectum and anus (C18-C21)	41	19	22	1.6	1.5	1.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	5	3	2	0.2	0.2	0.2
Malignant neoplasm of pancreas (C25)	26	10	16	1.0	0.8	1.3
Malignant neoplasm of larynx (C32)	1	1	0	0.0	0.1	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	56	21	35	2.2	1.6	2.7
Malignant melanoma of skin (C43)	23	13	10	0.9	1.0	0.8
Malignant neoplasm of breast (C50)	95	0	95	3.7	0.0	7.4
Malignant neoplasm of cervix uteri (C53)	...	...	25	...	...	2.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	2	...	...	0.2
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)	11	4	7	0.4	0.3	0.5
Malignant neoplasm of bladder (C67)	3	2	1	0.1	0.2	0.1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	61	35	26	2.4	2.7	2.0
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>80</b>	<b>42</b>	<b>38</b>	<b>3.1</b>	<b>3.2</b>	<b>3.0</b>
Hodgkin's disease (C81)	9	2	7	0.4	0.2	0.5
Non-Hodgkin's lymphoma (C82-C85)	34	21	13	1.3	1.6	1.0
Leukaemia (C91-C95)	34	17	17	1.3	1.3	1.3
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)	88	43	45	3.4	3.3	3.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	12	6	6	0.5	0.5	0.5
Anaemias (D50-D64)	5	3	2	0.2	0.2	0.2
Diabetes mellitus (E10-E14)	40	23	17	1.6	1.8	1.3
<b>Nutritional deficiencies (E40-E64)</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0.1</b>	<b>0.0</b>	<b>0.2</b>
Malnutrition (E40-E46)	2	0	2	0.1	0.0	0.2
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	3	2	1	0.1	0.2	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
<b>Major cardiovascular diseases (I00-I78)</b>	<b>290</b>	<b>201</b>	<b>89</b>	<b>11.3</b>	<b>15.5</b>	<b>7.0</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>213</b>	<b>164</b>	<b>49</b>	<b>8.3</b>	<b>12.7</b>	<b>3.8</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	4	3	1	0.2	0.2	0.1
Hypertensive heart disease (I11)	4	3	1	0.2	0.2	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, Canada<sup>1</sup> — 35 to 39 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	1	1	0	0.0	0.1	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>128</b>	<b>106</b>	<b>22</b>	<b>5.0</b>	<b>8.2</b>	<b>1.7</b>
Acute myocardial infarction (I21-I22)	65	54	11	2.5	4.2	0.9
Other acute ischaemic heart diseases (I24)	4	4	0	0.2	0.3	0.0
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>59</b>	<b>48</b>	<b>11</b>	<b>2.3</b>	<b>3.7</b>	<b>0.9</b>
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)	53	44	9	2.1	3.4	0.7
<b>Other heart diseases (I26-I51)</b>	<b>76</b>	<b>51</b>	<b>25</b>	<b>3.0</b>	<b>3.9</b>	<b>2.0</b>
Acute and subacute endocarditis (I33)	1	1	0	0.0	0.1	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	4	3	1	0.2	0.2	0.1
Heart failure (I50)	4	1	3	0.2	0.1	0.2
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	67	46	21	2.6	3.6	1.6
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	4	2	2	0.2	0.2	0.2
Cerebrovascular diseases (I60-I69)	56	23	33	2.2	1.8	2.6
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>17</b>	<b>12</b>	<b>5</b>	<b>0.7</b>	<b>0.9</b>	<b>0.4</b>
Aortic aneurysm and dissection (I71)	13	10	3	0.5	0.8	0.2
Other diseases of arteries, arterioles and capillaries (I72-I78)	4	2	2	0.2	0.2	0.2
Other disorders of circulatory system (I80-I99)	7	0	7	0.3	0.0	0.5
<b>Influenza and pneumonia (J10-J18)</b>	<b>15</b>	<b>5</b>	<b>10</b>	<b>0.6</b>	<b>0.4</b>	<b>0.8</b>
Influenza (J10-J11)	2	0	2	0.1	0.0	0.2
Pneumonia (J12-J18)	13	5	8	0.5	0.4	0.6
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>9</b>	<b>8</b>	<b>1</b>	<b>0.4</b>	<b>0.6</b>	<b>0.1</b>
Bronchitis, chronic and unspecified (J40-J42)	1	1	0	0.0	0.1	0.0
Emphysema (J43)	2	1	1	0.1	0.1	0.1
Asthma (J45-J46)	4	4	0	0.2	0.3	0.0
Other chronic lower respiratory diseases (J44, J47)	2	2	0	0.1	0.2	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)	4	1	3	0.2	0.1	0.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	13	7	6	0.5	0.5	0.5
Peptic ulcer (K25-K28)	3	3	0	0.1	0.2	0.0
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
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>46</b>	<b>23</b>	<b>23</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>
Alcoholic liver disease (K70)	35	17	18	1.4	1.3	1.4
Other chronic liver disease and cirrhosis (K73-K74)	11	6	5	0.4	0.5	0.4
Cholelithiasis and other disorders of gallbladder (K80-K82)	1	0	1	0.0	0.0	0.1
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>9</b>	<b>5</b>	<b>4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.3</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	1	0	0.0	0.1	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)	8	4	4	0.3	0.3	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
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>3</b>	<b>...</b>	<b>...</b>	<b>0.2</b>
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	3	...	...	0.2
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)	23	11	12	0.9	0.8	0.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	106	69	37	4.1	5.3	2.9
All other diseases (residual) <sup>11</sup>	221	135	86	8.6	10.4	6.7
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>533</b>	<b>386</b>	<b>147</b>	<b>20.7</b>	<b>29.8</b>	<b>11.5</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>238</b>	<b>175</b>	<b>63</b>	<b>9.3</b>	<b>13.5</b>	<b>4.9</b>
Motor vehicle accidents <sup>12</sup>	223	160	63	8.7	12.4	4.9
Other land transport accidents <sup>13</sup>	2	2	0	0.1	0.2	0.0

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, Canada<sup>1</sup> — 35 to 39 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	13	13	0	0.5	1.0	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>295</b>	<b>211</b>	<b>84</b>	<b>11.5</b>	<b>16.3</b>	<b>6.6</b>
Falls (W00-W19)	24	19	5	0.9	1.5	0.4
Accidental discharge of firearms (W32-W34)	2	2	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	18	13	5	0.7	1.0	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	23	17	6	0.9	1.3	0.5
Accidental poisoning and exposure to noxious substances (X40-X49)	166	109	57	6.5	8.4	4.5
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	62	51	11	2.4	3.9	0.9
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>415</b>	<b>317</b>	<b>98</b>	<b>16.1</b>	<b>24.5</b>	<b>7.7</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	45	43	2	1.8	3.3	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	370	274	96	14.4	21.2	7.5
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>41</b>	<b>28</b>	<b>13</b>	<b>1.6</b>	<b>2.2</b>	<b>1.0</b>
Assault (homicide) by discharge of firearms (X93-X95)	12	10	2	0.5	0.8	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	29	18	11	1.1	1.4	0.9
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.1	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>54</b>	<b>36</b>	<b>18</b>	<b>2.1</b>	<b>2.8</b>	<b>1.4</b>
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)	52	34	18	2.0	2.6	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)	5	3	2	0.2	0.2	0.2

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.
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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](http://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, Canada<sup>1</sup> — 40 to 44 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>3,822</b>	<b>2,382</b>	<b>1,440</b>	<b>142.1</b>	<b>176.7</b>	<b>107.4</b>
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	2	1	0.1	0.1	0.1
<b>Tuberculosis (A16-A19)</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>
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)	1	0	1	0.0	0.0	0.1
Septicaemia (A40-A41)	18	8	10	0.7	0.6	0.7
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)	27	19	8	1.0	1.4	0.6
Human immunodeficiency virus [HIV] disease (B20-B24)	111	90	21	4.1	6.7	1.6
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	5	3	2	0.2	0.2	0.1
<b>Malignant neoplasms (C00-C97)</b>	<b>1,083</b>	<b>447</b>	<b>636</b>	<b>40.3</b>	<b>33.2</b>	<b>47.4</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	20	15	5	0.7	1.1	0.4
Malignant neoplasm of oesophagus (C15)	24	20	4	0.9	1.5	0.3
Malignant neoplasm of stomach (C16)	38	19	19	1.4	1.4	1.4
Malignant neoplasms of colon, rectum and anus (C18-C21)	91	45	46	3.4	3.3	3.4
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	23	18	5	0.9	1.3	0.4
Malignant neoplasm of pancreas (C25)	40	18	22	1.5	1.3	1.6
Malignant neoplasm of larynx (C32)	3	2	1	0.1	0.1	0.1
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	193	87	106	7.2	6.5	7.9
Malignant melanoma of skin (C43)	43	29	14	1.6	2.2	1.0
Malignant neoplasm of breast (C50)	199	0	199	7.4	0.0	14.8
Malignant neoplasm of cervix uteri (C53)	...	...	30	...	...	2.2
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	6	...	...	0.4
Malignant neoplasm of ovary (C56)	...	...	32	...	...	2.4
Malignant neoplasm of prostate (C61)	...	3	...	...	0.2	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	24	16	8	0.9	1.2	0.6
Malignant neoplasm of bladder (C67)	14	10	4	0.5	0.7	0.3
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	70	40	30	2.6	3.0	2.2
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>94</b>	<b>62</b>	<b>32</b>	<b>3.5</b>	<b>4.6</b>	<b>2.4</b>
Hodgkin's disease (C81)	2	2	0	0.1	0.1	0.0
Non-Hodgkin's lymphoma (C82-C85)	37	21	16	1.4	1.6	1.2
Leukaemia (C91-C95)	45	30	15	1.7	2.2	1.1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	10	9	1	0.4	0.7	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)	136	63	73	5.1	4.7	5.4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	22	10	12	0.8	0.7	0.9
Anaemias (D50-D64)	3	1	2	0.1	0.1	0.1
Diabetes mellitus (E10-E14)	83	60	23	3.1	4.4	1.7
<b>Nutritional deficiencies (E40-E64)</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>
Malnutrition (E40-E46)	2	1	1	0.1	0.1	0.1
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	1	0	1	0.0	0.0	0.1
Parkinson's disease (G20-G21)	1	1	0	0.0	0.1	0.0
Alzheimer's disease (G30)	3	2	1	0.1	0.1	0.1
<b>Major cardiovascular diseases (I00-I78)</b>	<b>577</b>	<b>402</b>	<b>175</b>	<b>21.5</b>	<b>29.8</b>	<b>13.0</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>442</b>	<b>331</b>	<b>111</b>	<b>16.4</b>	<b>24.5</b>	<b>8.3</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	12	4	8	0.4	0.3	0.6
Hypertensive heart disease (I11)	6	6	0	0.2	0.4	0.0

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, Canada<sup>1</sup> — 40 to 44 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>311</b>	<b>248</b>	<b>63</b>	<b>11.6</b>	<b>18.4</b>	<b>4.7</b>
Acute myocardial infarction (I21-I22)	152	125	27	5.7	9.3	2.0
Other acute ischaemic heart diseases (I24)	8	6	2	0.3	0.4	0.1
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>151</b>	<b>117</b>	<b>34</b>	<b>5.6</b>	<b>8.7</b>	<b>2.5</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	9	8	1	0.3	0.6	0.1
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	142	109	33	5.3	8.1	2.5
<b>Other heart diseases (I26-I51)</b>	<b>113</b>	<b>73</b>	<b>40</b>	<b>4.2</b>	<b>5.4</b>	<b>3.0</b>
Acute and subacute endocarditis (I33)	4	1	3	0.1	0.1	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	6	5	1	0.2	0.4	0.1
Heart failure (I50)	4	4	0	0.1	0.3	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	99	63	36	3.7	4.7	2.7
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	2	2	0	0.1	0.1	0.0
Cerebrovascular diseases (I60-I69)	113	57	56	4.2	4.2	4.2
Atherosclerosis (I70)	1	1	0	0.0	0.1	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>19</b>	<b>11</b>	<b>8</b>	<b>0.7</b>	<b>0.8</b>	<b>0.6</b>
Aortic aneurysm and dissection (I71)	9	8	1	0.3	0.6	0.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	10	3	7	0.4	0.2	0.5
Other disorders of circulatory system (I80-I99)	5	1	4	0.2	0.1	0.3
<b>Influenza and pneumonia (J10-J18)</b>	<b>29</b>	<b>19</b>	<b>10</b>	<b>1.1</b>	<b>1.4</b>	<b>0.7</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	29	19	10	1.1	1.4	0.7
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>20</b>	<b>12</b>	<b>8</b>	<b>0.7</b>	<b>0.9</b>	<b>0.6</b>
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	4	3	1	0.1	0.2	0.1
Asthma (J45-J46)	5	2	3	0.2	0.1	0.2
Other chronic lower respiratory diseases (J44, J47)	11	7	4	0.4	0.5	0.3
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	12	10	2	0.4	0.7	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	19	13	6	0.7	1.0	0.4
Peptic ulcer (K25-K28)	4	4	0	0.1	0.3	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
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>115</b>	<b>68</b>	<b>47</b>	<b>4.3</b>	<b>5.0</b>	<b>3.5</b>
Alcoholic liver disease (K70)	86	49	37	3.2	3.6	2.8
Other chronic liver disease and cirrhosis (K73-K74)	29	19	10	1.1	1.4	0.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>13</b>	<b>10</b>	<b>3</b>	<b>0.5</b>	<b>0.7</b>	<b>0.2</b>
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)	13	10	3	0.5	0.7	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
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>1</b>	<b>...</b>	<b>...</b>	<b>0.1</b>
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)	33	19	14	1.2	1.4	1.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	148	103	45	5.5	7.6	3.4
All other diseases (residual) <sup>11</sup>	328	192	136	12.2	14.2	10.1
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>622</b>	<b>474</b>	<b>148</b>	<b>23.1</b>	<b>35.2</b>	<b>11.0</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>273</b>	<b>211</b>	<b>62</b>	<b>10.2</b>	<b>15.6</b>	<b>4.6</b>
Motor vehicle accidents <sup>12</sup>	242	185	57	9.0	13.7	4.3
Other land transport accidents <sup>13</sup>	9	7	2	0.3	0.5	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, Canada<sup>1</sup> — 40 to 44 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	22	19	3	0.8	1.4	0.2
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>349</b>	<b>263</b>	<b>86</b>	<b>13.0</b>	<b>19.5</b>	<b>6.4</b>
Falls (W00-W19)	48	31	17	1.8	2.3	1.3
Accidental discharge of firearms (W32-W34)	5	3	2	0.2	0.2	0.1
Accidental drowning and submersion (W65-W74)	33	24	9	1.2	1.8	0.7
Accidental exposure to smoke, fire and flames (X00-X09)	17	13	4	0.6	1.0	0.3
Accidental poisoning and exposure to noxious substances (X40-X49)	178	136	42	6.6	10.1	3.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	68	56	12	2.5	4.2	0.9
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>432</b>	<b>337</b>	<b>95</b>	<b>16.1</b>	<b>25.0</b>	<b>7.1</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	66	62	4	2.5	4.6	0.3
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	366	275	91	13.6	20.4	6.8
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>40</b>	<b>29</b>	<b>11</b>	<b>1.5</b>	<b>2.2</b>	<b>0.8</b>
Assault (homicide) by discharge of firearms (X93-X95)	9	6	3	0.3	0.4	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	31	23	8	1.2	1.7	0.6
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>57</b>	<b>43</b>	<b>14</b>	<b>2.1</b>	<b>3.2</b>	<b>1.0</b>
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)	56	42	14	2.1	3.1	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)	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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 45 to 49 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>5,573</b>	<b>3,369</b>	<b>2,204</b>	<b>227.4</b>	<b>276.7</b>	<b>178.7</b>
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	2	1	0.1	0.2	0.1
<b>Tuberculosis (A16-A19)</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0.1</b>	<b>0.2</b>	<b>0.0</b>
Respiratory tuberculosis (A16)	2	2	0	0.1	0.2	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)	36	20	16	1.5	1.6	1.3
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)	1	0	1	0.0	0.0	0.1
Viral hepatitis (B15-B19)	67	51	16	2.7	4.2	1.3
Human immunodeficiency virus [HIV] disease (B20-B24)	64	57	7	2.6	4.7	0.6
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	16	10	6	0.7	0.8	0.5
<b>Malignant neoplasms (C00-C97)</b>	<b>2,061</b>	<b>902</b>	<b>1,159</b>	<b>84.1</b>	<b>74.1</b>	<b>94.0</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	51	37	14	2.1	3.0	1.1
Malignant neoplasm of oesophagus (C15)	42	36	6	1.7	3.0	0.5
Malignant neoplasm of stomach (C16)	69	42	27	2.8	3.5	2.2
Malignant neoplasms of colon, rectum and anus (C18-C21)	175	97	78	7.1	8.0	6.3
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	50	35	15	2.0	2.9	1.2
Malignant neoplasm of pancreas (C25)	70	38	32	2.9	3.1	2.6
Malignant neoplasm of larynx (C32)	12	9	3	0.5	0.7	0.2
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	505	232	273	20.6	19.1	22.1
Malignant melanoma of skin (C43)	57	25	32	2.3	2.1	2.6
Malignant neoplasm of breast (C50)	309	0	309	12.6	0.0	25.1
Malignant neoplasm of cervix uteri (C53)	...	...	43	...	...	3.5
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	13	...	...	1.1
Malignant neoplasm of ovary (C56)	...	...	72	...	...	5.8
Malignant neoplasm of prostate (C61)	...	14	...	...	1.2	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	45	36	9	1.8	3.0	0.7
Malignant neoplasm of bladder (C67)	20	16	4	0.8	1.3	0.3
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	80	46	34	3.3	3.8	2.8
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>175</b>	<b>97</b>	<b>78</b>	<b>7.1</b>	<b>8.0</b>	<b>6.3</b>
Hodgkin's disease (C81)	7	5	2	0.3	0.4	0.2
Non-Hodgkin's lymphoma (C82-C85)	90	54	36	3.7	4.4	2.9
Leukaemia (C91-C95)	51	26	25	2.1	2.1	2.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	27	12	15	1.1	1.0	1.2
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)	259	142	117	10.6	11.7	9.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	36	22	14	1.5	1.8	1.1
Anaemias (D50-D64)	3	2	1	0.1	0.2	0.1
Diabetes mellitus (E10-E14)	136	84	52	5.5	6.9	4.2
<b>Nutritional deficiencies (E40-E64)</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
Malnutrition (E40-E46)	5	3	2	0.2	0.2	0.2
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	3	1	2	0.1	0.1	0.2
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	5	2	3	0.2	0.2	0.2
<b>Major cardiovascular diseases (I00-I78)</b>	<b>1,018</b>	<b>747</b>	<b>271</b>	<b>41.5</b>	<b>61.4</b>	<b>22.0</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>850</b>	<b>654</b>	<b>196</b>	<b>34.7</b>	<b>53.7</b>	<b>15.9</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	15	6	9	0.6	0.5	0.7
Hypertensive heart disease (I11)	15	13	2	0.6	1.1	0.2

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, Canada<sup>1</sup> — 45 to 49 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>667</b>	<b>544</b>	<b>123</b>	<b>27.2</b>	<b>44.7</b>	<b>10.0</b>
Acute myocardial infarction (I21-I22)	351	287	64	14.3	23.6	5.2
Other acute ischaemic heart diseases (I24)	13	11	2	0.5	0.9	0.2
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>303</b>	<b>246</b>	<b>57</b>	<b>12.4</b>	<b>20.2</b>	<b>4.6</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	18	12	6	0.7	1.0	0.5
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	285	234	51	11.6	19.2	4.1
<b>Other heart diseases (I26-I51)</b>	<b>153</b>	<b>91</b>	<b>62</b>	<b>6.2</b>	<b>7.5</b>	<b>5.0</b>
Acute and subacute endocarditis (I33)	5	4	1	0.2	0.3	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	3	2	1	0.1	0.2	0.1
Heart failure (I50)	15	9	6	0.6	0.7	0.5
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	130	76	54	5.3	6.2	4.4
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	6	5	1	0.2	0.4	0.1
Cerebrovascular diseases (I60-I69)	136	72	64	5.5	5.9	5.2
Atherosclerosis (I70)	3	2	1	0.1	0.2	0.1
<b>Other diseases of circulatory system (I71-I78)</b>	<b>23</b>	<b>14</b>	<b>9</b>	<b>0.9</b>	<b>1.2</b>	<b>0.7</b>
Aortic aneurysm and dissection (I71)	8	5	3	0.3	0.4	0.2
Other diseases of arteries, arterioles and capillaries (I72-I78)	15	9	6	0.6	0.7	0.5
Other disorders of circulatory system (I80-I99)	10	5	5	0.4	0.4	0.4
<b>Influenza and pneumonia (J10-J18)</b>	<b>38</b>	<b>22</b>	<b>16</b>	<b>1.6</b>	<b>1.8</b>	<b>1.3</b>
Influenza (J10-J11)	1	1	0	0.0	0.1	0.0
Pneumonia (J12-J18)	37	21	16	1.5	1.7	1.3
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>41</b>	<b>21</b>	<b>20</b>	<b>1.7</b>	<b>1.7</b>	<b>1.6</b>
Bronchitis, chronic and unspecified (J40-J42)	1	0	1	0.0	0.0	0.1
Emphysema (J43)	2	2	0	0.1	0.2	0.0
Asthma (J45-J46)	8	2	6	0.3	0.2	0.5
Other chronic lower respiratory diseases (J44, J47)	30	17	13	1.2	1.4	1.1
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	15	9	6	0.6	0.7	0.5
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	38	23	15	1.6	1.9	1.2
Peptic ulcer (K25-K28)	8	6	2	0.3	0.5	0.2
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
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>187</b>	<b>132</b>	<b>55</b>	<b>7.6</b>	<b>10.8</b>	<b>4.5</b>
Alcoholic liver disease (K70)	135	99	36	5.5	8.1	2.9
Other chronic liver disease and cirrhosis (K73-K74)	52	33	19	2.1	2.7	1.5
Cholelithiasis and other disorders of gallbladder (K80-K82)	3	0	3	0.1	0.0	0.2
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>27</b>	<b>18</b>	<b>9</b>	<b>1.1</b>	<b>1.5</b>	<b>0.7</b>
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)	3	3	0	0.1	0.2	0.0
Renal failure (N17-N19)	23	14	9	0.9	1.2	0.7
Other disorders of kidney (N25, N27)	1	1	0	0.0	0.1	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
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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	1	0	0.0	0.1	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	29	15	14	1.2	1.2	1.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	150	98	52	6.1	8.1	4.2
All other diseases (residual) <sup>11</sup>	462	290	172	18.9	23.8	13.9
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>558</b>	<b>397</b>	<b>161</b>	<b>22.8</b>	<b>32.6</b>	<b>13.1</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>230</b>	<b>161</b>	<b>69</b>	<b>9.4</b>	<b>13.2</b>	<b>5.6</b>
Motor vehicle accidents <sup>12</sup>	212	146	66	8.7	12.0	5.4
Other land transport accidents <sup>13</sup>	5	5	0	0.2	0.4	0.0

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, Canada<sup>1</sup> — 45 to 49 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	13	10	3	0.5	0.8	0.2
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>328</b>	<b>236</b>	<b>92</b>	<b>13.4</b>	<b>19.4</b>	<b>7.5</b>
Falls (W00-W19)	44	38	6	1.8	3.1	0.5
Accidental discharge of firearms (W32-W34)	1	1	0	0.0	0.1	0.0
Accidental drowning and submersion (W65-W74)	30	24	6	1.2	2.0	0.5
Accidental exposure to smoke, fire and flames (X00-X09)	22	13	9	0.9	1.1	0.7
Accidental poisoning and exposure to noxious substances (X40-X49)	149	97	52	6.1	8.0	4.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	82	63	19	3.3	5.2	1.5
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>437</b>	<b>348</b>	<b>89</b>	<b>17.8</b>	<b>28.6</b>	<b>7.2</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	76	75	1	3.1	6.2	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	361	273	88	14.7	22.4	7.1
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>35</b>	<b>26</b>	<b>9</b>	<b>1.4</b>	<b>2.1</b>	<b>0.7</b>
Assault (homicide) by discharge of firearms (X93-X95)	7	5	2	0.3	0.4	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	28	21	7	1.1	1.7	0.6
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.1	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>68</b>	<b>48</b>	<b>20</b>	<b>2.8</b>	<b>3.9</b>	<b>1.6</b>
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)	67	47	20	2.7	3.9	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)	6	3	3	0.2	0.2	0.2

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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 50 to 54 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>7,566</b>	<b>4,641</b>	<b>2,925</b>	<b>353.5</b>	<b>436.5</b>	<b>271.5</b>
Salmonella infections (A01-A02)	1	1	0	0.0	0.1	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	5	4	1	0.2	0.4	0.1
<b>Tuberculosis (A16-A19)</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>
Respiratory tuberculosis (A16)	1	1	0	0.0	0.1	0.0
Other tuberculosis (A17-A19)	1	0	1	0.0	0.0	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	0.0	0.1	0.0
Septicaemia (A40-A41)	34	20	14	1.6	1.9	1.3
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)	55	44	11	2.6	4.1	1.0
Human immunodeficiency virus [HIV] disease (B20-B24)	51	45	6	2.4	4.2	0.6
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	25	12	13	1.2	1.1	1.2
<b>Malignant neoplasms (C00-C97)</b>	<b>3,299</b>	<b>1,633</b>	<b>1,666</b>	<b>154.1</b>	<b>153.6</b>	<b>154.7</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	79	65	14	3.7	6.1	1.3
Malignant neoplasm of oesophagus (C15)	83	71	12	3.9	6.7	1.1
Malignant neoplasm of stomach (C16)	82	52	30	3.8	4.9	2.8
Malignant neoplasms of colon, rectum and anus (C18-C21)	286	165	121	13.4	15.5	11.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	99	75	24	4.6	7.1	2.2
Malignant neoplasm of pancreas (C25)	156	96	60	7.3	9.0	5.6
Malignant neoplasm of larynx (C32)	26	20	6	1.2	1.9	0.6
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	897	474	423	41.9	44.6	39.3
Malignant melanoma of skin (C43)	74	47	27	3.5	4.4	2.5
Malignant neoplasm of breast (C50)	421	1	420	19.7	0.1	39.0
Malignant neoplasm of cervix uteri (C53)	...	...	37	...	...	3.4
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	36	...	...	3.3
Malignant neoplasm of ovary (C56)	...	...	102	...	...	9.5
Malignant neoplasm of prostate (C61)	...	39	...	...	3.7	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	84	62	22	3.9	5.8	2.0
Malignant neoplasm of bladder (C67)	36	27	9	1.7	2.5	0.8
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	143	88	55	6.7	8.3	5.1
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>251</b>	<b>159</b>	<b>92</b>	<b>11.7</b>	<b>15.0</b>	<b>8.5</b>
Hodgkin's disease (C81)	10	8	2	0.5	0.8	0.2
Non-Hodgkin's lymphoma (C82-C85)	123	78	45	5.7	7.3	4.2
Leukaemia (C91-C95)	70	44	26	3.3	4.1	2.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	48	29	19	2.2	2.7	1.8
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)	368	192	176	17.2	18.1	16.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	30	15	15	1.4	1.4	1.4
Anaemias (D50-D64)	2	2	0	0.1	0.2	0.0
Diabetes mellitus (E10-E14)	212	145	67	9.9	13.6	6.2
<b>Nutritional deficiencies (E40-E64)</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
Malnutrition (E40-E46)	3	2	1	0.1	0.2	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)	4	2	2	0.2	0.2	0.2
Alzheimer's disease (G30)	6	2	4	0.3	0.2	0.4
<b>Major cardiovascular diseases (I00-I78)</b>	<b>1,621</b>	<b>1,215</b>	<b>406</b>	<b>75.7</b>	<b>114.3</b>	<b>37.7</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>1,310</b>	<b>1,040</b>	<b>270</b>	<b>61.2</b>	<b>97.8</b>	<b>25.1</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	10	4	6	0.5	0.4	0.6
Hypertensive heart disease (I11)	11	7	4	0.5	0.7	0.4

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, Canada<sup>1</sup> — 50 to 54 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	1	0	1	0.0	0.0	0.1
<b>Ischaemic heart diseases (I20-I25)</b>	<b>1,067</b>	<b>877</b>	<b>190</b>	<b>49.9</b>	<b>82.5</b>	<b>17.6</b>
Acute myocardial infarction (I21-I22)	557	471	86	26.0	44.3	8.0
Other acute ischaemic heart diseases (I24)	19	14	5	0.9	1.3	0.5
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>491</b>	<b>392</b>	<b>99</b>	<b>22.9</b>	<b>36.9</b>	<b>9.2</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	46	36	10	2.1	3.4	0.9
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	445	356	89	20.8	33.5	8.3
<b>Other heart diseases (I26-I51)</b>	<b>221</b>	<b>152</b>	<b>69</b>	<b>10.3</b>	<b>14.3</b>	<b>6.4</b>
Acute and subacute endocarditis (I33)	6	6	0	0.3	0.6	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	4	2	2	0.2	0.2	0.2
Heart failure (I50)	23	11	12	1.1	1.0	1.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	188	133	55	8.8	12.5	5.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	17	13	4	0.8	1.2	0.4
Cerebrovascular diseases (I60-I69)	243	124	119	11.4	11.7	11.0
Atherosclerosis (I70)	5	4	1	0.2	0.4	0.1
<b>Other diseases of circulatory system (I71-I78)</b>	<b>46</b>	<b>34</b>	<b>12</b>	<b>2.1</b>	<b>3.2</b>	<b>1.1</b>
Aortic aneurysm and dissection (I71)	29	22	7	1.4	2.1	0.6
Other diseases of arteries, arterioles and capillaries (I72-I78)	17	12	5	0.8	1.1	0.5
Other disorders of circulatory system (I80-I99)	17	7	10	0.8	0.7	0.9
<b>Influenza and pneumonia (J10-J18)</b>	<b>65</b>	<b>51</b>	<b>14</b>	<b>3.0</b>	<b>4.8</b>	<b>1.3</b>
Influenza (J10-J11)	1	1	0	0.0	0.1	0.0
Pneumonia (J12-J18)	64	50	14	3.0	4.7	1.3
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>
Acute bronchitis and bronchiolitis (J20-J21)	1	0	1	0.0	0.0	0.1
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>91</b>	<b>56</b>	<b>35</b>	<b>4.3</b>	<b>5.3</b>	<b>3.2</b>
Bronchitis, chronic and unspecified (J40-J42)	3	2	1	0.1	0.2	0.1
Emphysema (J43)	12	10	2	0.6	0.9	0.2
Asthma (J45-J46)	12	4	8	0.6	0.4	0.7
Other chronic lower respiratory diseases (J44, J47)	64	40	24	3.0	3.8	2.2
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	12	7	5	0.6	0.7	0.5
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	48	25	23	2.2	2.4	2.1
Peptic ulcer (K25-K28)	8	5	3	0.4	0.5	0.3
Diseases of appendix (K35-K38)	1	0	1	0.0	0.0	0.1
Hernia (K40-K46)	4	0	4	0.2	0.0	0.4
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>238</b>	<b>169</b>	<b>69</b>	<b>11.1</b>	<b>15.9</b>	<b>6.4</b>
Alcoholic liver disease (K70)	150	103	47	7.0	9.7	4.4
Other chronic liver disease and cirrhosis (K73-K74)	88	66	22	4.1	6.2	2.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	3	3	0	0.1	0.3	0.0
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>58</b>	<b>32</b>	<b>26</b>	<b>2.7</b>	<b>3.0</b>	<b>2.4</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	1	0	0.0	0.1	0.0
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)	55	29	26	2.6	2.7	2.4
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	4	1	3	0.2	0.1	0.3
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	37	20	17	1.7	1.9	1.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	132	98	34	6.2	9.2	3.2
All other diseases (residual) <sup>11</sup>	579	329	250	27.1	30.9	23.2
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>454</b>	<b>347</b>	<b>107</b>	<b>21.2</b>	<b>32.6</b>	<b>9.9</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>198</b>	<b>141</b>	<b>57</b>	<b>9.3</b>	<b>13.3</b>	<b>5.3</b>
Motor vehicle accidents <sup>12</sup>	183	126	57	8.5	11.9	5.3
Other land transport accidents <sup>13</sup>	2	2	0	0.1	0.2	0.0

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, Canada<sup>1</sup> — 50 to 54 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	13	13	0	0.6	1.2	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>256</b>	<b>206</b>	<b>50</b>	<b>12.0</b>	<b>19.4</b>	<b>4.6</b>
Falls (W00-W19)	53	43	10	2.5	4.0	0.9
Accidental discharge of firearms (W32-W34)	4	4	0	0.2	0.4	0.0
Accidental drowning and submersion (W65-W74)	26	24	2	1.2	2.3	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	11	8	3	0.5	0.8	0.3
Accidental poisoning and exposure to noxious substances (X40-X49)	96	73	23	4.5	6.9	2.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	66	54	12	3.1	5.1	1.1
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>378</b>	<b>290</b>	<b>88</b>	<b>17.7</b>	<b>27.3</b>	<b>8.2</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	60	59	1	2.8	5.5	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	318	231	87	14.9	21.7	8.1
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>26</b>	<b>19</b>	<b>7</b>	<b>1.2</b>	<b>1.8</b>	<b>0.6</b>
Assault (homicide) by discharge of firearms (X93-X95)	12	8	4	0.6	0.8	0.4
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	14	11	3	0.7	1.0	0.3
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>46</b>	<b>35</b>	<b>11</b>	<b>2.1</b>	<b>3.3</b>	<b>1.0</b>
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)	46	35	11	2.1	3.3	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)	11	2	9	0.5	0.2	0.8

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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 55 to 59 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>10,035</b>	<b>6,120</b>	<b>3,915</b>	<b>574.8</b>	<b>705.9</b>	<b>445.5</b>
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	2	1	0.2	0.2	0.1
<b>Tuberculosis (A16-A19)</b>	<b>8</b>	<b>2</b>	<b>6</b>	<b>0.5</b>	<b>0.2</b>	<b>0.7</b>
Respiratory tuberculosis (A16)	5	1	4	0.3	0.1	0.5
Other tuberculosis (A17-A19)	3	1	2	0.2	0.1	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)	3	0	3	0.2	0.0	0.3
Septicaemia (A40-A41)	49	20	29	2.8	2.3	3.3
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)	35	22	13	2.0	2.5	1.5
Human immunodeficiency virus [HIV] disease (B20-B24)	27	24	3	1.5	2.8	0.3
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	21	12	9	1.2	1.4	1.0
<b>Malignant neoplasms (C00-C97)</b>	<b>4,748</b>	<b>2,483</b>	<b>2,265</b>	<b>272.0</b>	<b>286.4</b>	<b>257.7</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	109	86	23	6.2	9.9	2.6
Malignant neoplasm of oesophagus (C15)	130	114	16	7.4	13.1	1.8
Malignant neoplasm of stomach (C16)	111	77	34	6.4	8.9	3.9
Malignant neoplasms of colon, rectum and anus (C18-C21)	491	287	204	28.1	33.1	23.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	104	75	29	6.0	8.7	3.3
Malignant neoplasm of pancreas (C25)	229	129	100	13.1	14.9	11.4
Malignant neoplasm of larynx (C32)	44	37	7	2.5	4.3	0.8
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,477	840	637	84.6	96.9	72.5
Malignant melanoma of skin (C43)	65	42	23	3.7	4.8	2.6
Malignant neoplasm of breast (C50)	463	1	462	26.5	0.1	52.6
Malignant neoplasm of cervix uteri (C53)	...	...	31	...	...	3.5
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	45	...	...	5.1
Malignant neoplasm of ovary (C56)	...	...	157	...	...	17.9
Malignant neoplasm of prostate (C61)	...	86	...	...	9.9	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	119	84	35	6.8	9.7	4.0
Malignant neoplasm of bladder (C67)	53	36	17	3.0	4.2	1.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	164	99	65	9.4	11.4	7.4
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>365</b>	<b>226</b>	<b>139</b>	<b>20.9</b>	<b>26.1</b>	<b>15.8</b>
Hodgkin's disease (C81)	5	3	2	0.3	0.3	0.2
Non-Hodgkin's lymphoma (C82-C85)	201	124	77	11.5	14.3	8.8
Leukaemia (C91-C95)	81	52	29	4.6	6.0	3.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	78	47	31	4.5	5.4	3.5
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)	505	264	241	28.9	30.5	27.4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	58	34	24	3.3	3.9	2.7
Anaemias (D50-D64)	12	9	3	0.7	1.0	0.3
Diabetes mellitus (E10-E14)	338	221	117	19.4	25.5	13.3
<b>Nutritional deficiencies (E40-E64)</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>0.2</b>	<b>0.1</b>	<b>0.2</b>
Malnutrition (E40-E46)	1	0	1	0.1	0.0	0.1
Other nutritional deficiencies (E50-E64)	2	1	1	0.1	0.1	0.1
Meningitis (G00, G03)	4	3	1	0.2	0.3	0.1
Parkinson's disease (G20-G21)	4	2	2	0.2	0.2	0.2
Alzheimer's disease (G30)	18	13	5	1.0	1.5	0.6
<b>Major cardiovascular diseases (I00-I78)</b>	<b>2,323</b>	<b>1,746</b>	<b>577</b>	<b>133.1</b>	<b>201.4</b>	<b>65.7</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>1,907</b>	<b>1,480</b>	<b>427</b>	<b>109.2</b>	<b>170.7</b>	<b>48.6</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	18	6	12	1.0	0.7	1.4
Hypertensive heart disease (I11)	26	22	4	1.5	2.5	0.5

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, Canada<sup>1</sup> — 55 to 59 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	2	1	1	0.1	0.1	0.1
<b>Ischaemic heart diseases (I20-I25)</b>	<b>1,561</b>	<b>1,252</b>	<b>309</b>	<b>89.4</b>	<b>144.4</b>	<b>35.2</b>
Acute myocardial infarction (I21-I22)	829	659	170	47.5	76.0	19.3
Other acute ischaemic heart diseases (I24)	29	26	3	1.7	3.0	0.3
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>703</b>	<b>567</b>	<b>136</b>	<b>40.3</b>	<b>65.4</b>	<b>15.5</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	65	50	15	3.7	5.8	1.7
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	638	517	121	36.5	59.6	13.8
<b>Other heart diseases (I26-I51)</b>	<b>300</b>	<b>199</b>	<b>101</b>	<b>17.2</b>	<b>23.0</b>	<b>11.5</b>
Acute and subacute endocarditis (I33)	3	2	1	0.2	0.2	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	8	4	4	0.5	0.5	0.5
Heart failure (I50)	42	30	12	2.4	3.5	1.4
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	247	163	84	14.1	18.8	9.6
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	19	16	3	1.1	1.8	0.3
Cerebrovascular diseases (I60-I69)	309	188	121	17.7	21.7	13.8
Atherosclerosis (I70)	18	13	5	1.0	1.5	0.6
<b>Other diseases of circulatory system (I71-I78)</b>	<b>70</b>	<b>49</b>	<b>21</b>	<b>4.0</b>	<b>5.7</b>	<b>2.4</b>
Aortic aneurysm and dissection (I71)	51	38	13	2.9	4.4	1.5
Other diseases of arteries, arterioles and capillaries (I72-I78)	19	11	8	1.1	1.3	0.9
Other disorders of circulatory system (I80-I99)	29	17	12	1.7	2.0	1.4
<b>Influenza and pneumonia (J10-J18)</b>	<b>53</b>	<b>30</b>	<b>23</b>	<b>3.0</b>	<b>3.5</b>	<b>2.6</b>
Influenza (J10-J11)	1	1	0	0.1	0.1	0.0
Pneumonia (J12-J18)	52	29	23	3.0	3.3	2.6
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>189</b>	<b>91</b>	<b>98</b>	<b>10.8</b>	<b>10.5</b>	<b>11.2</b>
Bronchitis, chronic and unspecified (J40-J42)	2	0	2	0.1	0.0	0.2
Emphysema (J43)	22	16	6	1.3	1.8	0.7
Asthma (J45-J46)	8	5	3	0.5	0.6	0.3
Other chronic lower respiratory diseases (J44, J47)	157	70	87	9.0	8.1	9.9
Pneumoconioses and chemical effects (J60-J66, J68)	3	3	0	0.2	0.3	0.0
Pneumonitis due to solids and liquids (J69)	21	14	7	1.2	1.6	0.8
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	78	43	35	4.5	5.0	4.0
Peptic ulcer (K25-K28)	13	9	4	0.7	1.0	0.5
Diseases of appendix (K35-K38)	1	0	1	0.1	0.0	0.1
Hernia (K40-K46)	8	7	1	0.5	0.8	0.1
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>293</b>	<b>201</b>	<b>92</b>	<b>16.8</b>	<b>23.2</b>	<b>10.5</b>
Alcoholic liver disease (K70)	186	133	53	10.7	15.3	6.0
Other chronic liver disease and cirrhosis (K73-K74)	107	68	39	6.1	7.8	4.4
Cholelithiasis and other disorders of gallbladder (K80-K82)	9	6	3	0.5	0.7	0.3
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>64</b>	<b>42</b>	<b>22</b>	<b>3.7</b>	<b>4.8</b>	<b>2.5</b>
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)	3	1	2	0.2	0.1	0.2
Renal failure (N17-N19)	61	41	20	3.5	4.7	2.3
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	4	2	2	0.2	0.2	0.2
Hyperplasia of prostate (N40)	...	3	...	...	0.3	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.1
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	49	22	27	2.8	2.5	3.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	156	108	48	8.9	12.5	5.5
All other diseases (residual) <sup>11</sup>	659	376	283	37.7	43.4	32.2
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>411</b>	<b>305</b>	<b>106</b>	<b>23.5</b>	<b>35.2</b>	<b>12.1</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>187</b>	<b>132</b>	<b>55</b>	<b>10.7</b>	<b>15.2</b>	<b>6.3</b>
Motor vehicle accidents <sup>12</sup>	169	118	51	9.7	13.6	5.8
Other land transport accidents <sup>13</sup>	5	4	1	0.3	0.5	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, Canada<sup>1</sup> — 55 to 59 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	13	10	3	0.7	1.2	0.3
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>224</b>	<b>173</b>	<b>51</b>	<b>12.8</b>	<b>20.0</b>	<b>5.8</b>
Falls (W00-W19)	61	46	15	3.5	5.3	1.7
Accidental discharge of firearms (W32-W34)	1	1	0	0.1	0.1	0.0
Accidental drowning and submersion (W65-W74)	16	14	2	0.9	1.6	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	16	13	3	0.9	1.5	0.3
Accidental poisoning and exposure to noxious substances (X40-X49)	55	38	17	3.2	4.4	1.9
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	75	61	14	4.3	7.0	1.6
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>267</b>	<b>204</b>	<b>63</b>	<b>15.3</b>	<b>23.5</b>	<b>7.2</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	59	56	3	3.4	6.5	0.3
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	208	148	60	11.9	17.1	6.8
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>23</b>	<b>17</b>	<b>6</b>	<b>1.3</b>	<b>2.0</b>	<b>0.7</b>
Assault (homicide) by discharge of firearms (X93-X95)	4	3	1	0.2	0.3	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	19	14	5	1.1	1.6	0.6
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>35</b>	<b>20</b>	<b>15</b>	<b>2.0</b>	<b>2.3</b>	<b>1.7</b>
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)	35	20	15	2.0	2.3	1.7
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)	12	6	6	0.7	0.7	0.7

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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 60 to 64 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>12,536</b>	<b>7,665</b>	<b>4,871</b>	<b>937.7</b>	<b>1,170.5</b>	<b>714.1</b>
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)	9	4	5	0.7	0.6	0.7
<b>Tuberculosis (A16-A19)</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>0.4</b>	<b>0.3</b>	<b>0.4</b>
Respiratory tuberculosis (A16)	4	2	2	0.3	0.3	0.3
Other tuberculosis (A17-A19)	1	0	1	0.1	0.0	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)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	75	45	30	5.6	6.9	4.4
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)	26	19	7	1.9	2.9	1.0
Human immunodeficiency virus [HIV] disease (B20-B24)	17	15	2	1.3	2.3	0.3
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	32	17	15	2.4	2.6	2.2
<b>Malignant neoplasms (C00-C97)</b>	<b>6,036</b>	<b>3,388</b>	<b>2,648</b>	<b>451.5</b>	<b>517.4</b>	<b>388.2</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	135	108	27	10.1	16.5	4.0
Malignant neoplasm of oesophagus (C15)	147	116	31	11.0	17.7	4.5
Malignant neoplasm of stomach (C16)	153	107	46	11.4	16.3	6.7
Malignant neoplasms of colon, rectum and anus (C18-C21)	611	390	221	45.7	59.6	32.4
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	126	90	36	9.4	13.7	5.3
Malignant neoplasm of pancreas (C25)	266	157	109	19.9	24.0	16.0
Malignant neoplasm of larynx (C32)	65	56	9	4.9	8.6	1.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,985	1,237	748	148.5	188.9	109.7
Malignant melanoma of skin (C43)	70	44	26	5.2	6.7	3.8
Malignant neoplasm of breast (C50)	465	5	460	34.8	0.8	67.4
Malignant neoplasm of cervix uteri (C53)	...	...	34	...	...	5.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	72	...	...	10.6
Malignant neoplasm of ovary (C56)	...	...	177	...	...	25.9
Malignant neoplasm of prostate (C61)	...	169	...	...	25.8	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	143	103	40	10.7	15.7	5.9
Malignant neoplasm of bladder (C67)	89	73	16	6.7	11.1	2.3
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	172	107	65	12.9	16.3	9.5
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>458</b>	<b>259</b>	<b>199</b>	<b>34.3</b>	<b>39.6</b>	<b>29.2</b>
Hodgkin's disease (C81)	5	3	2	0.4	0.5	0.3
Non-Hodgkin's lymphoma (C82-C85)	241	138	103	18.0	21.1	15.1
Leukaemia (C91-C95)	137	75	62	10.2	11.5	9.1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	73	42	31	5.5	6.4	4.5
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	2	1	1	0.1	0.2	0.1
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)	699	367	332	52.3	56.0	48.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	67	46	21	5.0	7.0	3.1
Anaemias (D50-D64)	10	7	3	0.7	1.1	0.4
Diabetes mellitus (E10-E14)	469	311	158	35.1	47.5	23.2
<b>Nutritional deficiencies (E40-E64)</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>0.3</b>	<b>0.5</b>	<b>0.1</b>
Malnutrition (E40-E46)	3	2	1	0.2	0.3	0.1
Other nutritional deficiencies (E50-E64)	1	1	0	0.1	0.2	0.0
Meningitis (G00, G03)	3	2	1	0.2	0.3	0.1
Parkinson's disease (G20-G21)	25	15	10	1.9	2.3	1.5
Alzheimer's disease (G30)	45	18	27	3.4	2.7	4.0
<b>Major cardiovascular diseases (I00-I78)</b>	<b>3,027</b>	<b>2,177</b>	<b>850</b>	<b>226.4</b>	<b>332.4</b>	<b>124.6</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>2,388</b>	<b>1,782</b>	<b>606</b>	<b>178.6</b>	<b>272.1</b>	<b>88.8</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	15	2	13	1.1	0.3	1.9
Hypertensive heart disease (I11)	26	16	10	1.9	2.4	1.5

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, Canada<sup>1</sup> — 60 to 64 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>1,952</b>	<b>1,509</b>	<b>443</b>	<b>146.0</b>	<b>230.4</b>	<b>64.9</b>
Acute myocardial infarction (I21-I22)	1,052	806	246	78.7	123.1	36.1
Other acute ischaemic heart diseases (I24)	28	25	3	2.1	3.8	0.4
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>872</b>	<b>678</b>	<b>194</b>	<b>65.2</b>	<b>103.5</b>	<b>28.4</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	83	68	15	6.2	10.4	2.2
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	789	610	179	59.0	93.2	26.2
<b>Other heart diseases (I26-I51)</b>	<b>395</b>	<b>255</b>	<b>140</b>	<b>29.5</b>	<b>38.9</b>	<b>20.5</b>
Acute and subacute endocarditis (I33)	3	1	2	0.2	0.2	0.3
Diseases of pericardium and acute myocarditis (I30-I31, I40)	12	7	5	0.9	1.1	0.7
Heart failure (I50)	75	49	26	5.6	7.5	3.8
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	305	198	107	22.8	30.2	15.7
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	32	19	13	2.4	2.9	1.9
Cerebrovascular diseases (I60-I69)	428	253	175	32.0	38.6	25.7
Atherosclerosis (I70)	33	21	12	2.5	3.2	1.8
<b>Other diseases of circulatory system (I71-I78)</b>	<b>146</b>	<b>102</b>	<b>44</b>	<b>10.9</b>	<b>15.6</b>	<b>6.5</b>
Aortic aneurysm and dissection (I71)	103	81	22	7.7	12.4	3.2
Other diseases of arteries, arterioles and capillaries (I72-I78)	43	21	22	3.2	3.2	3.2
Other disorders of circulatory system (I80-I99)	22	15	7	1.6	2.3	1.0
<b>Influenza and pneumonia (J10-J18)</b>	<b>102</b>	<b>54</b>	<b>48</b>	<b>7.6</b>	<b>8.2</b>	<b>7.0</b>
Influenza (J10-J11)	2	2	0	0.1	0.3	0.0
Pneumonia (J12-J18)	100	52	48	7.5	7.9	7.0
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
Acute bronchitis and bronchiolitis (J20-J21)	2	1	1	0.1	0.2	0.1
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>398</b>	<b>201</b>	<b>197</b>	<b>29.8</b>	<b>30.7</b>	<b>28.9</b>
Bronchitis, chronic and unspecified (J40-J42)	2	0	2	0.1	0.0	0.3
Emphysema (J43)	43	21	22	3.2	3.2	3.2
Asthma (J45-J46)	13	4	9	1.0	0.6	1.3
Other chronic lower respiratory diseases (J44, J47)	340	176	164	25.4	26.9	24.0
Pneumoconioses and chemical effects (J60-J66, J68)	2	2	0	0.1	0.3	0.0
Pneumonitis due to solids and liquids (J69)	22	12	10	1.6	1.8	1.5
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	108	63	45	8.1	9.6	6.6
Peptic ulcer (K25-K28)	20	12	8	1.5	1.8	1.2
Diseases of appendix (K35-K38)	3	2	1	0.2	0.3	0.1
Hernia (K40-K46)	14	4	10	1.0	0.6	1.5
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>307</b>	<b>216</b>	<b>91</b>	<b>23.0</b>	<b>33.0</b>	<b>13.3</b>
Alcoholic liver disease (K70)	158	118	40	11.8	18.0	5.9
Other chronic liver disease and cirrhosis (K73-K74)	149	98	51	11.1	15.0	7.5
Cholelithiasis and other disorders of gallbladder (K80-K82)	5	3	2	0.4	0.5	0.3
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>96</b>	<b>54</b>	<b>42</b>	<b>7.2</b>	<b>8.2</b>	<b>6.2</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	0	1	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)	3	2	1	0.2	0.3	0.1
Renal failure (N17-N19)	92	52	40	6.9	7.9	5.9
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	6	3	3	0.4	0.5	0.4
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.1
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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	0.1	0.0	0.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	32	14	18	2.4	2.1	2.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	140	85	55	10.5	13.0	8.1
All other diseases (residual) <sup>11</sup>	879	499	380	65.7	76.2	55.7
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>303</b>	<b>202</b>	<b>101</b>	<b>22.7</b>	<b>30.8</b>	<b>14.8</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>131</b>	<b>85</b>	<b>46</b>	<b>9.8</b>	<b>13.0</b>	<b>6.7</b>
Motor vehicle accidents <sup>12</sup>	122	78	44	9.1	11.9	6.5
Other land transport accidents <sup>13</sup>	4	2	2	0.3	0.3	0.3

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, Canada<sup>1</sup> — 60 to 64 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	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	5	0	0.4	0.8	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>172</b>	<b>117</b>	<b>55</b>	<b>12.9</b>	<b>17.9</b>	<b>8.1</b>
Falls (W00-W19)	63	41	22	4.7	6.3	3.2
Accidental discharge of firearms (W32-W34)	1	1	0	0.1	0.2	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)	8	4	4	0.6	0.6	0.6
Accidental poisoning and exposure to noxious substances (X40-X49)	27	12	15	2.0	1.8	2.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	65	53	12	4.9	8.1	1.8
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>174</b>	<b>126</b>	<b>48</b>	<b>13.0</b>	<b>19.2</b>	<b>7.0</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	52	49	3	3.9	7.5	0.4
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	122	77	45	9.1	11.8	6.6
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>14</b>	<b>12</b>	<b>2</b>	<b>1.0</b>	<b>1.8</b>	<b>0.3</b>
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)	10	8	2	0.7	1.2	0.3
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>24</b>	<b>11</b>	<b>13</b>	<b>1.8</b>	<b>1.7</b>	<b>1.9</b>
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	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)	23	10	13	1.7	1.5	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)	11	5	6	0.8	0.8	0.9

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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 65 to 69 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>17,248</b>	<b>10,571</b>	<b>6,677</b>	<b>1,512.5</b>	<b>1,926.7</b>	<b>1,128.5</b>
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	8	8	1.4	1.5	1.4
<b>Tuberculosis (A16-A19)</b>	<b>7</b>	<b>6</b>	<b>1</b>	<b>0.6</b>	<b>1.1</b>	<b>0.2</b>
Respiratory tuberculosis (A16)	6	5	1	0.5	0.9	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)	1	0	1	0.1	0.0	0.2
Septicaemia (A40-A41)	100	62	38	8.8	11.3	6.4
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)	32	20	12	2.8	3.6	2.0
Human immunodeficiency virus [HIV] disease (B20-B24)	8	8	0	0.7	1.5	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	41	18	23	3.6	3.3	3.9
<b>Malignant neoplasms (C00-C97)</b>	<b>7,843</b>	<b>4,496</b>	<b>3,347</b>	<b>687.8</b>	<b>819.5</b>	<b>565.7</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	167	120	47	14.6	21.9	7.9
Malignant neoplasm of oesophagus (C15)	195	158	37	17.1	28.8	6.3
Malignant neoplasm of stomach (C16)	216	147	69	18.9	26.8	11.7
Malignant neoplasms of colon, rectum and anus (C18-C21)	847	538	309	74.3	98.1	52.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	190	127	63	16.7	23.1	10.6
Malignant neoplasm of pancreas (C25)	379	204	175	33.2	37.2	29.6
Malignant neoplasm of larynx (C32)	67	50	17	5.9	9.1	2.9
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2,531	1,557	974	222.0	283.8	164.6
Malignant melanoma of skin (C43)	80	55	25	7.0	10.0	4.2
Malignant neoplasm of breast (C50)	494	2	492	43.3	0.4	83.2
Malignant neoplasm of cervix uteri (C53)	...	...	21	...	...	3.5
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	77	...	...	13.0
Malignant neoplasm of ovary (C56)	...	...	197	...	...	33.3
Malignant neoplasm of prostate (C61)	...	318	...	...	58.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	172	117	55	15.1	21.3	9.3
Malignant neoplasm of bladder (C67)	133	99	34	11.7	18.0	5.7
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	178	103	75	15.6	18.8	12.7
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>682</b>	<b>421</b>	<b>261</b>	<b>59.8</b>	<b>76.7</b>	<b>44.1</b>
Hodgkin's disease (C81)	11	6	5	1.0	1.1	0.8
Non-Hodgkin's lymphoma (C82-C85)	314	191	123	27.5	34.8	20.8
Leukaemia (C91-C95)	210	135	75	18.4	24.6	12.7
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	147	89	58	12.9	16.2	9.8
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)	899	480	419	78.8	87.5	70.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	117	74	43	10.3	13.5	7.3
Anaemias (D50-D64)	16	10	6	1.4	1.8	1.0
Diabetes mellitus (E10-E14)	669	412	257	58.7	75.1	43.4
<b>Nutritional deficiencies (E40-E64)</b>	<b>16</b>	<b>9</b>	<b>7</b>	<b>1.4</b>	<b>1.6</b>	<b>1.2</b>
Malnutrition (E40-E46)	15	8	7	1.3	1.5	1.2
Other nutritional deficiencies (E50-E64)	1	1	0	0.1	0.2	0.0
Meningitis (G00, G03)	4	3	1	0.4	0.5	0.2
Parkinson's disease (G20-G21)	60	40	20	5.3	7.3	3.4
Alzheimer's disease (G30)	116	45	71	10.2	8.2	12.0
<b>Major cardiovascular diseases (I00-I78)</b>	<b>4,683</b>	<b>3,196</b>	<b>1,487</b>	<b>410.7</b>	<b>582.5</b>	<b>251.3</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>3,593</b>	<b>2,524</b>	<b>1,069</b>	<b>315.1</b>	<b>460.0</b>	<b>180.7</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	48	15	33	4.2	2.7	5.6
Hypertensive heart disease (I11)	28	19	9	2.5	3.5	1.5

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, Canada<sup>1</sup> — 65 to 69 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	3	1	2	0.3	0.2	0.3
<b>Ischaemic heart diseases (I20-I25)</b>	<b>2,916</b>	<b>2,118</b>	<b>798</b>	<b>255.7</b>	<b>386.0</b>	<b>134.9</b>
Acute myocardial infarction (I21-I22)	1,482	1,091	391	130.0	198.8	66.1
Other acute ischaemic heart diseases (I24)	40	28	12	3.5	5.1	2.0
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>1,394</b>	<b>999</b>	<b>395</b>	<b>122.2</b>	<b>182.1</b>	<b>66.8</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	147	111	36	12.9	20.2	6.1
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1,247	888	359	109.4	161.8	60.7
<b>Other heart diseases (I26-I51)</b>	<b>598</b>	<b>371</b>	<b>227</b>	<b>52.4</b>	<b>67.6</b>	<b>38.4</b>
Acute and subacute endocarditis (I33)	10	6	4	0.9	1.1	0.7
Diseases of pericardium and acute myocarditis (I30-I31, I40)	17	10	7	1.5	1.8	1.2
Heart failure (I50)	141	90	51	12.4	16.4	8.6
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	430	265	165	37.7	48.3	27.9
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	62	37	25	5.4	6.7	4.2
Cerebrovascular diseases (I60-I69)	727	422	305	63.8	76.9	51.5
Atherosclerosis (I70)	60	41	19	5.3	7.5	3.2
<b>Other diseases of circulatory system (I71-I78)</b>	<b>241</b>	<b>172</b>	<b>69</b>	<b>21.1</b>	<b>31.3</b>	<b>11.7</b>
Aortic aneurysm and dissection (I71)	183	136	47	16.0	24.8	7.9
Other diseases of arteries, arterioles and capillaries (I72-I78)	58	36	22	5.1	6.6	3.7
Other disorders of circulatory system (I80-I99)	44	21	23	3.9	3.8	3.9
<b>Influenza and pneumonia (J10-J18)</b>	<b>149</b>	<b>98</b>	<b>51</b>	<b>13.1</b>	<b>17.9</b>	<b>8.6</b>
Influenza (J10-J11)	3	2	1	0.3	0.4	0.2
Pneumonia (J12-J18)	146	96	50	12.8	17.5	8.5
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>728</b>	<b>411</b>	<b>317</b>	<b>63.8</b>	<b>74.9</b>	<b>53.6</b>
Bronchitis, chronic and unspecified (J40-J42)	8	6	2	0.7	1.1	0.3
Emphysema (J43)	96	56	40	8.4	10.2	6.8
Asthma (J45-J46)	17	6	11	1.5	1.1	1.9
Other chronic lower respiratory diseases (J44, J47)	607	343	264	53.2	62.5	44.6
Pneumoconioses and chemical effects (J60-J66, J68)	9	9	0	0.8	1.6	0.0
Pneumonitis due to solids and liquids (J69)	39	22	17	3.4	4.0	2.9
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	164	101	63	14.4	18.4	10.6
Peptic ulcer (K25-K28)	34	21	13	3.0	3.8	2.2
Diseases of appendix (K35-K38)	3	3	0	0.3	0.5	0.0
Hernia (K40-K46)	10	5	5	0.9	0.9	0.8
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>334</b>	<b>236</b>	<b>98</b>	<b>29.3</b>	<b>43.0</b>	<b>16.6</b>
Alcoholic liver disease (K70)	165	131	34	14.5	23.9	5.7
Other chronic liver disease and cirrhosis (K73-K74)	169	105	64	14.8	19.1	10.8
Cholelithiasis and other disorders of gallbladder (K80-K82)	16	11	5	1.4	2.0	0.8
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>154</b>	<b>91</b>	<b>63</b>	<b>13.5</b>	<b>16.6</b>	<b>10.6</b>
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)	3	0	3	0.3	0.0	0.5
Renal failure (N17-N19)	150	90	60	13.2	16.4	10.1
Other disorders of kidney (N25, N27)	1	1	0	0.1	0.2	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	3	0	3	0.3	0.0	0.5
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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	0.2	0.2	0.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	23	15	8	2.0	2.7	1.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	152	110	42	13.3	20.0	7.1
All other diseases (residual) <sup>11</sup>	1,139	645	494	99.9	117.6	83.5
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>347</b>	<b>234</b>	<b>113</b>	<b>30.4</b>	<b>42.6</b>	<b>19.1</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>112</b>	<b>74</b>	<b>38</b>	<b>9.8</b>	<b>13.5</b>	<b>6.4</b>
Motor vehicle accidents <sup>12</sup>	101	64	37	8.9	11.7	6.3
Other land transport accidents <sup>13</sup>	4	3	1	0.4	0.5	0.2

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, Canada<sup>1</sup> — 65 to 69 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	7	7	0	0.6	1.3	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>235</b>	<b>160</b>	<b>75</b>	<b>20.6</b>	<b>29.2</b>	<b>12.7</b>
Falls (W00-W19)	92	65	27	8.1	11.8	4.6
Accidental discharge of firearms (W32-W34)	1	1	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	14	12	2	1.2	2.2	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	8	5	3	0.7	0.9	0.5
Accidental poisoning and exposure to noxious substances (X40-X49)	23	14	9	2.0	2.6	1.5
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	97	63	34	8.5	11.5	5.7
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>121</b>	<b>99</b>	<b>22</b>	<b>10.6</b>	<b>18.0</b>	<b>3.7</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	30	30	0	2.6	5.5	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	91	69	22	8.0	12.6	3.7
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>10</b>	<b>6</b>	<b>4</b>	<b>0.9</b>	<b>1.1</b>	<b>0.7</b>
Assault (homicide) by discharge of firearms (X93-X95)	1	0	1	0.1	0.0	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	9	6	3	0.8	1.1	0.5
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>13</b>	<b>7</b>	<b>6</b>	<b>1.1</b>	<b>1.3</b>	<b>1.0</b>
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)	13	7	6	1.1	1.3	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)	24	17	7	2.1	3.1	1.2

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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 70 to 74 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>24,657</b>	<b>14,614</b>	<b>10,043</b>	<b>2,387.2</b>	<b>3,050.1</b>	<b>1,813.6</b>
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)	33	12	21	3.2	2.5	3.8
<b>Tuberculosis (A16-A19)</b>	<b>18</b>	<b>13</b>	<b>5</b>	<b>1.7</b>	<b>2.7</b>	<b>0.9</b>
Respiratory tuberculosis (A16)	14	12	2	1.4	2.5	0.4
Other tuberculosis (A17-A19)	4	1	3	0.4	0.2	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)	166	94	72	16.1	19.6	13.0
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)	41	21	20	4.0	4.4	3.6
Human immunodeficiency virus [HIV] disease (B20-B24)	3	2	1	0.3	0.4	0.2
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	51	30	21	4.9	6.3	3.8
<b>Malignant neoplasms (C00-C97)</b>	<b>9,849</b>	<b>5,747</b>	<b>4,102</b>	<b>953.5</b>	<b>1,199.5</b>	<b>740.7</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	148	104	44	14.3	21.7	7.9
Malignant neoplasm of oesophagus (C15)	253	191	62	24.5	39.9	11.2
Malignant neoplasm of stomach (C16)	265	175	90	25.7	36.5	16.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	1,023	609	414	99.0	127.1	74.8
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	234	161	73	22.7	33.6	13.2
Malignant neoplasm of pancreas (C25)	500	268	232	48.4	55.9	41.9
Malignant neoplasm of larynx (C32)	94	87	7	9.1	18.2	1.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	3,087	1,917	1,170	298.9	400.1	211.3
Malignant melanoma of skin (C43)	101	70	31	9.8	14.6	5.6
Malignant neoplasm of breast (C50)	560	11	549	54.2	2.3	99.1
Malignant neoplasm of cervix uteri (C53)	...	...	31	...	...	5.6
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	80	...	...	14.4
Malignant neoplasm of ovary (C56)	...	...	227	...	...	41.0
Malignant neoplasm of prostate (C61)	...	513	...	...	107.1	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	202	122	80	19.6	25.5	14.4
Malignant neoplasm of bladder (C67)	243	188	55	23.5	39.2	9.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	207	123	84	20.0	25.7	15.2
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>869</b>	<b>508</b>	<b>361</b>	<b>84.1</b>	<b>106.0</b>	<b>65.2</b>
Hodgkin's disease (C81)	5	5	0	0.5	1.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	360	198	162	34.9	41.3	29.3
Leukaemia (C91-C95)	281	195	86	27.2	40.7	15.5
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	221	108	113	21.4	22.5	20.4
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	2	2	0	0.2	0.4	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)	1,212	700	512	117.3	146.1	92.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	168	84	84	16.3	17.5	15.2
Anaemias (D50-D64)	32	13	19	3.1	2.7	3.4
Diabetes mellitus (E10-E14)	1,023	596	427	99.0	124.4	77.1
<b>Nutritional deficiencies (E40-E64)</b>	<b>20</b>	<b>14</b>	<b>6</b>	<b>1.9</b>	<b>2.9</b>	<b>1.1</b>
Malnutrition (E40-E46)	18	12	6	1.7	2.5	1.1
Other nutritional deficiencies (E50-E64)	2	2	0	0.2	0.4	0.0
Meningitis (G00, G03)	3	1	2	0.3	0.2	0.4
Parkinson's disease (G20-G21)	183	110	73	17.7	23.0	13.2
Alzheimer's disease (G30)	313	146	167	30.3	30.5	30.2
<b>Major cardiovascular diseases (I00-I78)</b>	<b>7,469</b>	<b>4,661</b>	<b>2,808</b>	<b>723.1</b>	<b>972.8</b>	<b>507.1</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>5,578</b>	<b>3,559</b>	<b>2,019</b>	<b>540.0</b>	<b>742.8</b>	<b>364.6</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	68	23	45	6.6	4.8	8.1
Hypertensive heart disease (I11)	57	26	31	5.5	5.4	5.6

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, Canada<sup>1</sup> — 70 to 74 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	11	4	7	1.1	0.8	1.3
<b>Ischaemic heart diseases (I20-I25)</b>	<b>4,498</b>	<b>2,972</b>	<b>1,526</b>	<b>435.5</b>	<b>620.3</b>	<b>275.6</b>
Acute myocardial infarction (I21-I22)	2,326	1,522	804	225.2	317.7	145.2
Other acute ischaemic heart diseases (I24)	79	53	26	7.6	11.1	4.7
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>2,093</b>	<b>1,397</b>	<b>696</b>	<b>202.6</b>	<b>291.6</b>	<b>125.7</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	162	122	40	15.7	25.5	7.2
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1,931	1,275	656	186.9	266.1	118.5
<b>Other heart diseases (I26-I51)</b>	<b>944</b>	<b>534</b>	<b>410</b>	<b>91.4</b>	<b>111.5</b>	<b>74.0</b>
Acute and subacute endocarditis (I33)	16	9	7	1.5	1.9	1.3
Diseases of pericardium and acute myocarditis (I30-I31, I40)	6	4	2	0.6	0.8	0.4
Heart failure (I50)	313	177	136	30.3	36.9	24.6
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	609	344	265	59.0	71.8	47.9
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	71	45	26	6.9	9.4	4.7
Cerebrovascular diseases (I60-I69)	1,357	746	611	131.4	155.7	110.3
Atherosclerosis (I70)	79	57	22	7.6	11.9	4.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>384</b>	<b>254</b>	<b>130</b>	<b>37.2</b>	<b>53.0</b>	<b>23.5</b>
Aortic aneurysm and dissection (I71)	262	185	77	25.4	38.6	13.9
Other diseases of arteries, arterioles and capillaries (I72-I78)	122	69	53	11.8	14.4	9.6
Other disorders of circulatory system (I80-I99)	44	23	21	4.3	4.8	3.8
<b>Influenza and pneumonia (J10-J18)</b>	<b>257</b>	<b>154</b>	<b>103</b>	<b>24.9</b>	<b>32.1</b>	<b>18.6</b>
Influenza (J10-J11)	6	2	4	0.6	0.4	0.7
Pneumonia (J12-J18)	251	152	99	24.3	31.7	17.9
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>10</b>	<b>5</b>	<b>5</b>	<b>1.0</b>	<b>1.0</b>	<b>0.9</b>
Acute bronchitis and bronchiolitis (J20-J21)	6	4	2	0.6	0.8	0.4
Unspecified acute lower respiratory infection (J22)	4	1	3	0.4	0.2	0.5
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>1,342</b>	<b>741</b>	<b>601</b>	<b>129.9</b>	<b>154.7</b>	<b>108.5</b>
Bronchitis, chronic and unspecified (J40-J42)	11	8	3	1.1	1.7	0.5
Emphysema (J43)	144	78	66	13.9	16.3	11.9
Asthma (J45-J46)	22	7	15	2.1	1.5	2.7
Other chronic lower respiratory diseases (J44, J47)	1,165	648	517	112.8	135.2	93.4
Pneumoconioses and chemical effects (J60-J66, J68)	13	13	0	1.3	2.7	0.0
Pneumonitis due to solids and liquids (J69)	65	44	21	6.3	9.2	3.8
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	247	173	74	23.9	36.1	13.4
Peptic ulcer (K25-K28)	48	29	19	4.6	6.1	3.4
Diseases of appendix (K35-K38)	7	4	3	0.7	0.8	0.5
Hernia (K40-K46)	18	7	11	1.7	1.5	2.0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>314</b>	<b>201</b>	<b>113</b>	<b>30.4</b>	<b>42.0</b>	<b>20.4</b>
Alcoholic liver disease (K70)	112	76	36	10.8	15.9	6.5
Other chronic liver disease and cirrhosis (K73-K74)	202	125	77	19.6	26.1	13.9
Cholelithiasis and other disorders of gallbladder (K80-K82)	15	12	3	1.5	2.5	0.5
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>353</b>	<b>198</b>	<b>155</b>	<b>34.2</b>	<b>41.3</b>	<b>28.0</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	0	1	0.1	0.0	0.2
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	9	4	5	0.9	0.8	0.9
Renal failure (N17-N19)	342	193	149	33.1	40.3	26.9
Other disorders of kidney (N25, N27)	1	1	0	0.1	0.2	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	8	6	2	0.8	1.3	0.4
Hyperplasia of prostate (N40)	...	3	...	...	0.6	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.2
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	19	12	7	1.8	2.5	1.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	188	114	74	18.2	23.8	13.4
All other diseases (residual) <sup>11</sup>	1,738	953	785	168.3	198.9	141.8
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>424</b>	<b>255</b>	<b>169</b>	<b>41.0</b>	<b>53.2</b>	<b>30.5</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>130</b>	<b>78</b>	<b>52</b>	<b>12.6</b>	<b>16.3</b>	<b>9.4</b>
Motor vehicle accidents <sup>12</sup>	123	75	48	11.9	15.7	8.7
Other land transport accidents <sup>13</sup>	2	0	2	0.2	0.0	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, Canada<sup>1</sup> — 70 to 74 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	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	3	2	0.5	0.6	0.4
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>294</b>	<b>177</b>	<b>117</b>	<b>28.5</b>	<b>36.9</b>	<b>21.1</b>
Falls (W00-W19)	113	75	38	10.9	15.7	6.9
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	9	8	1	0.9	1.7	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	15	8	7	1.5	1.7	1.3
Accidental poisoning and exposure to noxious substances (X40-X49)	26	16	10	2.5	3.3	1.8
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	131	70	61	12.7	14.6	11.0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>115</b>	<b>98</b>	<b>17</b>	<b>11.1</b>	<b>20.5</b>	<b>3.1</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	44	44	0	4.3	9.2	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	71	54	17	6.9	11.3	3.1
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>13</b>	<b>7</b>	<b>6</b>	<b>1.3</b>	<b>1.5</b>	<b>1.1</b>
Assault (homicide) by discharge of firearms (X93-X95)	2	1	1	0.2	0.2	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	11	6	5	1.1	1.3	0.9
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>18</b>	<b>8</b>	<b>10</b>	<b>1.7</b>	<b>1.7</b>	<b>1.8</b>
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)	18	8	10	1.7	1.7	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)	22	9	13	2.1	1.9	2.3

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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 75 to 79 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>32,659</b>	<b>17,750</b>	<b>14,909</b>	<b>3,946.7</b>	<b>5,073.0</b>	<b>3,121.6</b>
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)	55	33	22	6.6	9.4	4.6
<b>Tuberculosis (A16-A19)</b>	<b>23</b>	<b>5</b>	<b>18</b>	<b>2.8</b>	<b>1.4</b>	<b>3.8</b>
Respiratory tuberculosis (A16)	19	4	15	2.3	1.1	3.1
Other tuberculosis (A17-A19)	4	1	3	0.5	0.3	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)	250	119	131	30.2	34.0	27.4
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)	42	16	26	5.1	4.6	5.4
Human immunodeficiency virus [HIV] disease (B20-B24)	4	4	0	0.5	1.1	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	79	44	35	9.5	12.6	7.3
<b>Malignant neoplasms (C00-C97)</b>	<b>10,770</b>	<b>5,943</b>	<b>4,827</b>	<b>1,301.5</b>	<b>1,698.5</b>	<b>1,010.7</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	143	95	48	17.3	27.2	10.0
Malignant neoplasm of oesophagus (C15)	261	177	84	31.5	50.6	17.6
Malignant neoplasm of stomach (C16)	345	194	151	41.7	55.4	31.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	1,150	619	531	139.0	176.9	111.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	273	157	116	33.0	44.9	24.3
Malignant neoplasm of pancreas (C25)	561	269	292	67.8	76.9	61.1
Malignant neoplasm of larynx (C32)	80	62	18	9.7	17.7	3.8
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2,966	1,815	1,151	358.4	518.7	241.0
Malignant melanoma of skin (C43)	73	40	33	8.8	11.4	6.9
Malignant neoplasm of breast (C50)	626	9	617	75.6	2.6	129.2
Malignant neoplasm of cervix uteri (C53)	...	...	28	...	...	5.9
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	118	...	...	24.7
Malignant neoplasm of ovary (C56)	...	...	230	...	...	48.2
Malignant neoplasm of prostate (C61)	...	776	...	...	221.8	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	195	119	76	23.6	34.0	15.9
Malignant neoplasm of bladder (C67)	282	208	74	34.1	59.4	15.5
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	159	85	74	19.2	24.3	15.5
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>1,028</b>	<b>554</b>	<b>474</b>	<b>124.2</b>	<b>158.3</b>	<b>99.2</b>
Hodgkin's disease (C81)	9	5	4	1.1	1.4	0.8
Non-Hodgkin's lymphoma (C82-C85)	405	212	193	48.9	60.6	40.4
Leukaemia (C91-C95)	380	223	157	45.9	63.7	32.9
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	233	113	120	28.2	32.3	25.1
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	1	0	0.1	0.3	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)	1,476	764	712	178.4	218.4	149.1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	265	135	130	32.0	38.6	27.2
Anaemias (D50-D64)	72	34	38	8.7	9.7	8.0
Diabetes mellitus (E10-E14)	1,367	731	636	165.2	208.9	133.2
<b>Nutritional deficiencies (E40-E64)</b>	<b>32</b>	<b>16</b>	<b>16</b>	<b>3.9</b>	<b>4.6</b>	<b>3.3</b>
Malnutrition (E40-E46)	31	16	15	3.7	4.6	3.1
Other nutritional deficiencies (E50-E64)	1	0	1	0.1	0.0	0.2
Meningitis (G00, G03)	9	6	3	1.1	1.7	0.6
Parkinson's disease (G20-G21)	381	239	142	46.0	68.3	29.7
Alzheimer's disease (G30)	688	284	404	83.1	81.2	84.6
<b>Major cardiovascular diseases (I00-I78)</b>	<b>11,196</b>	<b>6,168</b>	<b>5,028</b>	<b>1,353.0</b>	<b>1,762.8</b>	<b>1,052.7</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>7,991</b>	<b>4,507</b>	<b>3,484</b>	<b>965.7</b>	<b>1,288.1</b>	<b>729.5</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	91	27	64	11.0	7.7	13.4
Hypertensive heart disease (I11)	62	26	36	7.5	7.4	7.5

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, Canada<sup>1</sup> — 75 to 79 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	18	5	13	2.2	1.4	2.7
<b>Ischaemic heart diseases (I20-I25)</b>	<b>6,262</b>	<b>3,665</b>	<b>2,597</b>	<b>756.7</b>	<b>1,047.5</b>	<b>543.7</b>
Acute myocardial infarction (I21-I22)	3,077	1,786	1,291	371.8	510.4	270.3
Other acute ischaemic heart diseases (I24)	90	47	43	10.9	13.4	9.0
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>3,095</b>	<b>1,832</b>	<b>1,263</b>	<b>374.0</b>	<b>523.6</b>	<b>264.4</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	220	129	91	26.6	36.9	19.1
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	2,875	1,703	1,172	347.4	486.7	245.4
<b>Other heart diseases (I26-I51)</b>	<b>1,558</b>	<b>784</b>	<b>774</b>	<b>188.3</b>	<b>224.1</b>	<b>162.1</b>
Acute and subacute endocarditis (I33)	12	8	4	1.5	2.3	0.8
Diseases of pericardium and acute myocarditis (I30-I31, I40)	12	6	6	1.5	1.7	1.3
Heart failure (I50)	545	270	275	65.9	77.2	57.6
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	989	500	489	119.5	142.9	102.4
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	162	78	84	19.6	22.3	17.6
Cerebrovascular diseases (I60-I69)	2,348	1,158	1,190	283.7	331.0	249.2
Atherosclerosis (I70)	134	71	63	16.2	20.3	13.2
<b>Other diseases of circulatory system (I71-I78)</b>	<b>561</b>	<b>354</b>	<b>207</b>	<b>67.8</b>	<b>101.2</b>	<b>43.3</b>
Aortic aneurysm and dissection (I71)	383	251	132	46.3	71.7	27.6
Other diseases of arteries, arterioles and capillaries (I72-I78)	178	103	75	21.5	29.4	15.7
Other disorders of circulatory system (I80-I99)	60	26	34	7.3	7.4	7.1
<b>Influenza and pneumonia (J10-J18)</b>	<b>527</b>	<b>280</b>	<b>247</b>	<b>63.7</b>	<b>80.0</b>	<b>51.7</b>
Influenza (J10-J11)	18	11	7	2.2	3.1	1.5
Pneumonia (J12-J18)	509	269	240	61.5	76.9	50.2
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>10</b>	<b>4</b>	<b>6</b>	<b>1.2</b>	<b>1.1</b>	<b>1.3</b>
Acute bronchitis and bronchiolitis (J20-J21)	6	3	3	0.7	0.9	0.6
Unspecified acute lower respiratory infection (J22)	4	1	3	0.5	0.3	0.6
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>1,867</b>	<b>1,070</b>	<b>797</b>	<b>225.6</b>	<b>305.8</b>	<b>166.9</b>
Bronchitis, chronic and unspecified (J40-J42)	19	13	6	2.3	3.7	1.3
Emphysema (J43)	149	88	61	18.0	25.2	12.8
Asthma (J45-J46)	29	4	25	3.5	1.1	5.2
Other chronic lower respiratory diseases (J44, J47)	1,670	965	705	201.8	275.8	147.6
Pneumoconioses and chemical effects (J60-J66, J68)	12	12	0	1.5	3.4	0.0
Pneumonitis due to solids and liquids (J69)	132	83	49	16.0	23.7	10.3
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	400	237	163	48.3	67.7	34.1
Peptic ulcer (K25-K28)	63	29	34	7.6	8.3	7.1
Diseases of appendix (K35-K38)	12	5	7	1.5	1.4	1.5
Hernia (K40-K46)	32	17	15	3.9	4.9	3.1
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>249</b>	<b>150</b>	<b>99</b>	<b>30.1</b>	<b>42.9</b>	<b>20.7</b>
Alcoholic liver disease (K70)	81	62	19	9.8	17.7	4.0
Other chronic liver disease and cirrhosis (K73-K74)	168	88	80	20.3	25.2	16.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	45	28	17	5.4	8.0	3.6
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>585</b>	<b>329</b>	<b>256</b>	<b>70.7</b>	<b>94.0</b>	<b>53.6</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	2	2	0	0.2	0.6	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	0.8	1.1	0.6
Renal failure (N17-N19)	576	323	253	69.6	92.3	53.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	6	2	4	0.7	0.6	0.8
Hyperplasia of prostate (N40)	...	7	...	...	2.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	3	...	...	0.6
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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	8	10	2.2	2.3	2.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	219	128	91	26.5	36.6	19.1
All other diseases (residual) <sup>11</sup>	2,448	1,130	1,318	295.8	323.0	276.0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>595</b>	<b>327</b>	<b>268</b>	<b>71.9</b>	<b>93.5</b>	<b>56.1</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>129</b>	<b>76</b>	<b>53</b>	<b>15.6</b>	<b>21.7</b>	<b>11.1</b>
Motor vehicle accidents <sup>12</sup>	120	67	53	14.5	19.1	11.1
Other land transport accidents <sup>13</sup>	2	2	0	0.2	0.6	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, Canada<sup>1</sup> — 75 to 79 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	7	7	0	0.8	2.0	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>466</b>	<b>251</b>	<b>215</b>	<b>56.3</b>	<b>71.7</b>	<b>45.0</b>
Falls (W00-W19)	200	101	99	24.2	28.9	20.7
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	9	8	1	1.1	2.3	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	10	4	6	1.2	1.1	1.3
Accidental poisoning and exposure to noxious substances (X40-X49)	12	5	7	1.5	1.4	1.5
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	235	133	102	28.4	38.0	21.4
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>83</b>	<b>73</b>	<b>10</b>	<b>10.0</b>	<b>20.9</b>	<b>2.1</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	25	25	0	3.0	7.1	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	58	48	10	7.0	13.7	2.1
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>6</b>	<b>2</b>	<b>4</b>	<b>0.7</b>	<b>0.6</b>	<b>0.8</b>
Assault (homicide) by discharge of firearms (X93-X95)	1	0	1	0.1	0.0	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	5	2	3	0.6	0.6	0.6
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>12</b>	<b>8</b>	<b>4</b>	<b>1.5</b>	<b>2.3</b>	<b>0.8</b>
Discharge of firearms, undetermined intent (Y22-Y24)	2	2	0	0.2	0.6	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	10	6	4	1.2	1.7	0.8
Operations of war and their sequelae (Y36, Y89.1)	1	1	0	0.1	0.3	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	34	17	17	4.1	4.9	3.6

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.
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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](http://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, Canada<sup>1</sup> — 80 to 84 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>35,959</b>	<b>17,326</b>	<b>18,633</b>	<b>6,483.2</b>	<b>8,277.4</b>	<b>5,395.7</b>
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)	72	34	38	13.0	16.2	11.0
<b>Tuberculosis (A16-A19)</b>	<b>12</b>	<b>8</b>	<b>4</b>	<b>2.2</b>	<b>3.8</b>	<b>1.2</b>
Respiratory tuberculosis (A16)	10	6	4	1.8	2.9	1.2
Other tuberculosis (A17-A19)	2	2	0	0.4	1.0	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)	270	119	151	48.7	56.9	43.7
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)	23	10	13	4.1	4.8	3.8
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 <sup>10</sup>	80	33	47	14.4	15.8	13.6
<b>Malignant neoplasms (C00-C97)</b>	<b>8,977</b>	<b>4,701</b>	<b>4,276</b>	<b>1,618.5</b>	<b>2,245.9</b>	<b>1,238.2</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	113	59	54	20.4	28.2	15.6
Malignant neoplasm of oesophagus (C15)	176	110	66	31.7	52.6	19.1
Malignant neoplasm of stomach (C16)	302	179	123	54.4	85.5	35.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	1,020	514	506	183.9	245.6	146.5
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	165	87	78	29.7	41.6	22.6
Malignant neoplasm of pancreas (C25)	513	211	302	92.5	100.8	87.5
Malignant neoplasm of larynx (C32)	58	50	8	10.5	23.9	2.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2,026	1,216	810	365.3	580.9	234.6
Malignant melanoma of skin (C43)	64	35	29	11.5	16.7	8.4
Malignant neoplasm of breast (C50)	566	5	561	102.0	2.4	162.5
Malignant neoplasm of cervix uteri (C53)	...	...	33	...	...	9.6
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	117	...	...	33.9
Malignant neoplasm of ovary (C56)	...	...	189	...	...	54.7
Malignant neoplasm of prostate (C61)	...	802	...	...	383.1	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	181	85	96	32.6	40.6	27.8
Malignant neoplasm of bladder (C67)	292	210	82	52.6	100.3	23.7
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	120	49	71	21.6	23.4	20.6
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>912</b>	<b>449</b>	<b>463</b>	<b>164.4</b>	<b>214.5</b>	<b>134.1</b>
Hodgkin's disease (C81)	10	3	7	1.8	1.4	2.0
Non-Hodgkin's lymphoma (C82-C85)	356	153	203	64.2	73.1	58.8
Leukaemia (C91-C95)	329	187	142	59.3	89.3	41.1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	216	106	110	38.9	50.6	31.9
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	0	1	0.2	0.0	0.3
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)	1,328	640	688	239.4	305.8	199.2
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	253	109	144	45.6	52.1	41.7
Anaemias (D50-D64)	80	29	51	14.4	13.9	14.8
Diabetes mellitus (E10-E14)	1,486	644	842	267.9	307.7	243.8
<b>Nutritional deficiencies (E40-E64)</b>	<b>30</b>	<b>11</b>	<b>19</b>	<b>5.4</b>	<b>5.3</b>	<b>5.5</b>
Malnutrition (E40-E46)	26	8	18	4.7	3.8	5.2
Other nutritional deficiencies (E50-E64)	4	3	1	0.7	1.4	0.3
Meningitis (G00, G03)	7	2	5	1.3	1.0	1.4
Parkinson's disease (G20-G21)	436	217	219	78.6	103.7	63.4
Alzheimer's disease (G30)	1,262	410	852	227.5	195.9	246.7
<b>Major cardiovascular diseases (I00-I78)</b>	<b>13,821</b>	<b>6,611</b>	<b>7,210</b>	<b>2,491.9</b>	<b>3,158.4</b>	<b>2,087.9</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>9,599</b>	<b>4,735</b>	<b>4,864</b>	<b>1,730.7</b>	<b>2,262.1</b>	<b>1,408.5</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	77	25	52	13.9	11.9	15.1
Hypertensive heart disease (I11)	114	47	67	20.6	22.5	19.4

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, Canada<sup>1</sup> — 80 to 84 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	29	12	17	5.2	5.7	4.9
<b>Ischaemic heart diseases (I20-I25)</b>	<b>7,314</b>	<b>3,754</b>	<b>3,560</b>	<b>1,318.7</b>	<b>1,793.4</b>	<b>1,030.9</b>
Acute myocardial infarction (I21-I22)	3,408	1,743	1,665	614.4	832.7	482.2
Other acute ischaemic heart diseases (I24)	113	61	52	20.4	29.1	15.1
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>3,793</b>	<b>1,950</b>	<b>1,843</b>	<b>683.9</b>	<b>931.6</b>	<b>533.7</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	202	113	89	36.4	54.0	25.8
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,591	1,837	1,754	647.4	877.6	507.9
<b>Other heart diseases (I26-I51)</b>	<b>2,065</b>	<b>897</b>	<b>1,168</b>	<b>372.3</b>	<b>428.5</b>	<b>338.2</b>
Acute and subacute endocarditis (I33)	7	3	4	1.3	1.4	1.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	7	1	6	1.3	0.5	1.7
Heart failure (I50)	854	385	469	154.0	183.9	135.8
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,197	508	689	215.8	242.7	199.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	229	86	143	41.3	41.1	41.4
Cerebrovascular diseases (I60-I69)	3,185	1,366	1,819	574.2	652.6	526.7
Atherosclerosis (I70)	226	112	114	40.7	53.5	33.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>582</b>	<b>312</b>	<b>270</b>	<b>104.9</b>	<b>149.1</b>	<b>78.2</b>
Aortic aneurysm and dissection (I71)	401	230	171	72.3	109.9	49.5
Other diseases of arteries, arterioles and capillaries (I72-I78)	181	82	99	32.6	39.2	28.7
Other disorders of circulatory system (I80-I99)	63	24	39	11.4	11.5	11.3
<b>Influenza and pneumonia (J10-J18)</b>	<b>841</b>	<b>399</b>	<b>442</b>	<b>151.6</b>	<b>190.6</b>	<b>128.0</b>
Influenza (J10-J11)	51	27	24	9.2	12.9	6.9
Pneumonia (J12-J18)	790	372	418	142.4	177.7	121.0
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>21</b>	<b>9</b>	<b>12</b>	<b>3.8</b>	<b>4.3</b>	<b>3.5</b>
Acute bronchitis and bronchiolitis (J20-J21)	10	5	5	1.8	2.4	1.4
Unspecified acute lower respiratory infection (J22)	11	4	7	2.0	1.9	2.0
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>2,205</b>	<b>1,271</b>	<b>934</b>	<b>397.6</b>	<b>607.2</b>	<b>270.5</b>
Bronchitis, chronic and unspecified (J40-J42)	34	12	22	6.1	5.7	6.4
Emphysema (J43)	141	82	59	25.4	39.2	17.1
Asthma (J45-J46)	34	10	24	6.1	4.8	6.9
Other chronic lower respiratory diseases (J44, J47)	1,996	1,167	829	359.9	557.5	240.1
Pneumoconioses and chemical effects (J60-J66, J68)	8	8	0	1.4	3.8	0.0
Pneumonitis due to solids and liquids (J69)	168	101	67	30.3	48.3	19.4
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	407	211	196	73.4	100.8	56.8
Peptic ulcer (K25-K28)	84	32	52	15.1	15.3	15.1
Diseases of appendix (K35-K38)	4	3	1	0.7	1.4	0.3
Hernia (K40-K46)	43	20	23	7.8	9.6	6.7
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>166</b>	<b>86</b>	<b>80</b>	<b>29.9</b>	<b>41.1</b>	<b>23.2</b>
Alcoholic liver disease (K70)	32	23	9	5.8	11.0	2.6
Other chronic liver disease and cirrhosis (K73-K74)	134	63	71	24.2	30.1	20.6
Cholelithiasis and other disorders of gallbladder (K80-K82)	78	36	42	14.1	17.2	12.2
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>725</b>	<b>384</b>	<b>341</b>	<b>130.7</b>	<b>183.5</b>	<b>98.7</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	3	2	1	0.5	1.0	0.3
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	6	4	2	1.1	1.9	0.6
Renal failure (N17-N19)	716	378	338	129.1	180.6	97.9
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	22	4	18	4.0	1.9	5.2
Hyperplasia of prostate (N40)	...	13	...	...	6.2	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	4	...	...	1.2
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	12	5	7	2.2	2.4	2.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	274	105	169	49.4	50.2	48.9
All other diseases (residual) <sup>11</sup>	3,114	1,217	1,897	561.4	581.4	549.3
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>786</b>	<b>394</b>	<b>392</b>	<b>141.7</b>	<b>188.2</b>	<b>113.5</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>123</b>	<b>76</b>	<b>47</b>	<b>22.2</b>	<b>36.3</b>	<b>13.6</b>
Motor vehicle accidents <sup>12</sup>	113	67	46	20.4	32.0	13.3
Other land transport accidents <sup>13</sup>	7	6	1	1.3	2.9	0.3

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, Canada<sup>1</sup> — 80 to 84 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	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	0.5	1.4	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>663</b>	<b>318</b>	<b>345</b>	<b>119.5</b>	<b>151.9</b>	<b>99.9</b>
Falls (W00-W19)	276	152	124	49.8	72.6	35.9
Accidental discharge of firearms (W32-W34)	1	0	1	0.2	0.0	0.3
Accidental drowning and submersion (W65-W74)	9	6	3	1.6	2.9	0.9
Accidental exposure to smoke, fire and flames (X00-X09)	8	1	7	1.4	0.5	2.0
Accidental poisoning and exposure to noxious substances (X40-X49)	15	9	6	2.7	4.3	1.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	354	150	204	63.8	71.7	59.1
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>58</b>	<b>46</b>	<b>12</b>	<b>10.5</b>	<b>22.0</b>	<b>3.5</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	14	14	0	2.5	6.7	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	44	32	12	7.9	15.3	3.5
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>6</b>	<b>0</b>	<b>6</b>	<b>1.1</b>	<b>0.0</b>	<b>1.7</b>
Assault (homicide) by discharge of firearms (X93-X95)	1	0	1	0.2	0.0	0.3
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	5	0	5	0.9	0.0	1.4
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>5</b>	<b>1</b>	<b>4</b>	<b>0.9</b>	<b>0.5</b>	<b>1.2</b>
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)	5	1	4	0.9	0.5	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)	43	19	24	7.8	9.1	6.9

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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 85 to 89 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>33,031</b>	<b>13,453</b>	<b>19,578</b>	<b>11,322.1</b>	<b>14,160.9</b>	<b>9,951.4</b>
Salmonella infections (A01-A02)	1	1	0	0.3	1.1	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	84	23	61	28.8	24.2	31.0
<b>Tuberculosis (A16-A19)</b>	<b>11</b>	<b>4</b>	<b>7</b>	<b>3.8</b>	<b>4.2</b>	<b>3.6</b>
Respiratory tuberculosis (A16)	9	4	5	3.1	4.2	2.5
Other tuberculosis (A17-A19)	2	0	2	0.7	0.0	1.0
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)	226	95	131	77.5	100.0	66.6
Syphilis (A50-A53)	1	1	0	0.3	1.1	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)	9	3	6	3.1	3.2	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 <sup>10</sup>	68	26	42	23.3	27.4	21.3
<b>Malignant neoplasms (C00-C97)</b>	<b>5,957</b>	<b>2,781</b>	<b>3,176</b>	<b>2,041.9</b>	<b>2,927.3</b>	<b>1,614.3</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	51	31	20	17.5	32.6	10.2
Malignant neoplasm of oesophagus (C15)	105	54	51	36.0	56.8	25.9
Malignant neoplasm of stomach (C16)	194	89	105	66.5	93.7	53.4
Malignant neoplasms of colon, rectum and anus (C18-C21)	800	312	488	274.2	328.4	248.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	110	49	61	37.7	51.6	31.0
Malignant neoplasm of pancreas (C25)	315	112	203	108.0	117.9	103.2
Malignant neoplasm of larynx (C32)	27	19	8	9.3	20.0	4.1
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,048	577	471	359.2	607.4	239.4
Malignant melanoma of skin (C43)	43	25	18	14.7	26.3	9.1
Malignant neoplasm of breast (C50)	455	5	450	156.0	5.3	228.7
Malignant neoplasm of cervix uteri (C53)	...	...	21	...	...	10.7
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	70	...	...	35.6
Malignant neoplasm of ovary (C56)	...	...	118	...	...	60.0
Malignant neoplasm of prostate (C61)	...	623	...	...	655.8	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	113	62	51	38.7	65.3	25.9
Malignant neoplasm of bladder (C67)	213	131	82	73.0	137.9	41.7
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	41	20	21	14.1	21.1	10.7
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>583</b>	<b>259</b>	<b>324</b>	<b>199.8</b>	<b>272.6</b>	<b>164.7</b>
Hodgkin's disease (C81)	6	5	1	2.1	5.3	0.5
Non-Hodgkin's lymphoma (C82-C85)	231	91	140	79.2	95.8	71.2
Leukaemia (C91-C95)	217	100	117	74.4	105.3	59.5
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	126	62	64	43.2	65.3	32.5
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	3	1	2	1.0	1.1	1.0
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)	1,027	413	614	352.0	434.7	312.1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	216	98	118	74.0	103.2	60.0
Anaemias (D50-D64)	104	45	59	35.6	47.4	30.0
Diabetes mellitus (E10-E14)	1,201	460	741	411.7	484.2	376.6
<b>Nutritional deficiencies (E40-E64)</b>	<b>55</b>	<b>20</b>	<b>35</b>	<b>18.9</b>	<b>21.1</b>	<b>17.8</b>
Malnutrition (E40-E46)	48	17	31	16.5	17.9	15.8
Other nutritional deficiencies (E50-E64)	7	3	4	2.4	3.2	2.0
Meningitis (G00, G03)	2	0	2	0.7	0.0	1.0
Parkinson's disease (G20-G21)	374	175	199	128.2	184.2	101.2
Alzheimer's disease (G30)	1,510	463	1,047	517.6	487.4	532.2
<b>Major cardiovascular diseases (I00-I78)</b>	<b>14,105</b>	<b>5,573</b>	<b>8,532</b>	<b>4,834.8</b>	<b>5,866.3</b>	<b>4,336.8</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>9,778</b>	<b>4,003</b>	<b>5,775</b>	<b>3,351.6</b>	<b>4,213.6</b>	<b>2,935.4</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	64	17	47	21.9	17.9	23.9
Hypertensive heart disease (I11)	101	26	75	34.6	27.4	38.1

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, Canada<sup>1</sup> — 85 to 89 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	41	16	25	14.1	16.8	12.7
<b>Ischaemic heart diseases (I20-I25)</b>	<b>7,234</b>	<b>3,097</b>	<b>4,137</b>	<b>2,479.6</b>	<b>3,260.0</b>	<b>2,102.8</b>
Acute myocardial infarction (I21-I22)	3,159	1,390	1,769	1,082.8	1,463.1	899.2
Other acute ischaemic heart diseases (I24)	92	39	53	31.5	41.1	26.9
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>3,983</b>	<b>1,668</b>	<b>2,315</b>	<b>1,365.3</b>	<b>1,755.8</b>	<b>1,176.7</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	161	62	99	55.2	65.3	50.3
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,822	1,606	2,216	1,310.1	1,690.5	1,126.4
<b>Other heart diseases (I26-I51)</b>	<b>2,338</b>	<b>847</b>	<b>1,491</b>	<b>801.4</b>	<b>891.6</b>	<b>757.9</b>
Acute and subacute endocarditis (I33)	3	2	1	1.0	2.1	0.5
Diseases of pericardium and acute myocarditis (I30-I31, I40)	12	5	7	4.1	5.3	3.6
Heart failure (I50)	1,108	406	702	379.8	427.4	356.8
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,215	434	781	416.5	456.8	397.0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	254	81	173	87.1	85.3	87.9
Cerebrovascular diseases (I60-I69)	3,298	1,152	2,146	1,130.5	1,212.6	1,090.8
Atherosclerosis (I70)	269	96	173	92.2	101.1	87.9
<b>Other diseases of circulatory system (I71-I78)</b>	<b>506</b>	<b>241</b>	<b>265</b>	<b>173.4</b>	<b>253.7</b>	<b>134.7</b>
Aortic aneurysm and dissection (I71)	306	165	141	104.9	173.7	71.7
Other diseases of arteries, arterioles and capillaries (I72-I78)	200	76	124	68.6	80.0	63.0
Other disorders of circulatory system (I80-I99)	57	18	39	19.5	18.9	19.8
<b>Influenza and pneumonia (J10-J18)</b>	<b>1,051</b>	<b>433</b>	<b>618</b>	<b>360.3</b>	<b>455.8</b>	<b>314.1</b>
Influenza (J10-J11)	65	20	45	22.3	21.1	22.9
Pneumonia (J12-J18)	986	413	573	338.0	434.7	291.3
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>13</b>	<b>5</b>	<b>8</b>	<b>4.5</b>	<b>5.3</b>	<b>4.1</b>
Acute bronchitis and bronchiolitis (J20-J21)	9	4	5	3.1	4.2	2.5
Unspecified acute lower respiratory infection (J22)	4	1	3	1.4	1.1	1.5
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>1,775</b>	<b>960</b>	<b>815</b>	<b>608.4</b>	<b>1,010.5</b>	<b>414.3</b>
Bronchitis, chronic and unspecified (J40-J42)	40	21	19	13.7	22.1	9.7
Emphysema (J43)	96	54	42	32.9	56.8	21.3
Asthma (J45-J46)	36	14	22	12.3	14.7	11.2
Other chronic lower respiratory diseases (J44, J47)	1,603	871	732	549.5	916.8	372.1
Pneumoconioses and chemical effects (J60-J66, J68)	5	4	1	1.7	4.2	0.5
Pneumonitis due to solids and liquids (J69)	192	104	88	65.8	109.5	44.7
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	293	126	167	100.4	132.6	84.9
Peptic ulcer (K25-K28)	86	39	47	29.5	41.1	23.9
Diseases of appendix (K35-K38)	2	0	2	0.7	0.0	1.0
Hernia (K40-K46)	42	18	24	14.4	18.9	12.2
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>65</b>	<b>26</b>	<b>39</b>	<b>22.3</b>	<b>27.4</b>	<b>19.8</b>
Alcoholic liver disease (K70)	10	7	3	3.4	7.4	1.5
Other chronic liver disease and cirrhosis (K73-K74)	55	19	36	18.9	20.0	18.3
Cholelithiasis and other disorders of gallbladder (K80-K82)	63	25	38	21.6	26.3	19.3
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>696</b>	<b>303</b>	<b>393</b>	<b>238.6</b>	<b>318.9</b>	<b>199.8</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	7	4	3	2.4	4.2	1.5
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	7	3	4	2.4	3.2	2.0
Renal failure (N17-N19)	681	295	386	233.4	310.5	196.2
Other disorders of kidney (N25, N27)	1	1	0	0.3	1.1	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	21	4	17	7.2	4.2	8.6
Hyperplasia of prostate (N40)	...	12	...	...	12.6	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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	9	12	7.2	9.5	6.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	299	96	203	102.5	101.1	103.2
All other diseases (residual) <sup>11</sup>	3,436	1,109	2,327	1,177.8	1,167.4	1,182.8
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>909</b>	<b>349</b>	<b>560</b>	<b>311.6</b>	<b>367.4</b>	<b>284.6</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>72</b>	<b>40</b>	<b>32</b>	<b>24.7</b>	<b>42.1</b>	<b>16.3</b>
Motor vehicle accidents <sup>12</sup>	67	37	30	23.0	38.9	15.2
Other land transport accidents <sup>13</sup>	3	2	1	1.0	2.1	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, Canada<sup>1</sup> — 85 to 89 years<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	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	1.1	0.5
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>837</b>	<b>309</b>	<b>528</b>	<b>286.9</b>	<b>325.3</b>	<b>268.4</b>
Falls (W00-W19)	355	142	213	121.7	149.5	108.3
Accidental discharge of firearms (W32-W34)	1	1	0	0.3	1.1	0.0
Accidental drowning and submersion (W65-W74)	4	2	2	1.4	2.1	1.0
Accidental exposure to smoke, fire and flames (X00-X09)	8	3	5	2.7	3.2	2.5
Accidental poisoning and exposure to noxious substances (X40-X49)	9	4	5	3.1	4.2	2.5
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	460	157	303	157.7	165.3	154.0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>37</b>	<b>31</b>	<b>6</b>	<b>12.7</b>	<b>32.6</b>	<b>3.0</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	6	6	0	2.1	6.3	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	31	25	6	10.6	26.3	3.0
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.3</b>	<b>1.1</b>	<b>0.0</b>
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	1.1	0.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>1.0</b>	<b>1.1</b>	<b>1.0</b>
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)	3	1	2	1.0	1.1	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)	28	12	16	9.6	12.6	8.1

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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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, Canada<sup>1</sup> — 90 years and over<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>Total, all causes of death (A00-Y89)<sup>7, 8, 9</sup></b>	<b>30,417</b>	<b>8,899</b>	<b>21,518</b>	<b>21,219.7</b>	<b>24,265.1</b>	<b>20,172.7</b>
Salmonella infections (A01-A02)	2	0	2	1.4	0.0	1.9
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	69	15	54	48.1	40.9	50.6
<b>Tuberculosis (A16-A19)</b>	<b>9</b>	<b>2</b>	<b>7</b>	<b>6.3</b>	<b>5.5</b>	<b>6.6</b>
Respiratory tuberculosis (A16)	8	2	6	5.6	5.5	5.6
Other tuberculosis (A17-A19)	1	0	1	0.7	0.0	0.9
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)	216	67	149	150.7	182.7	139.7
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)	7	3	4	4.9	8.2	3.7
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 <sup>10</sup>	52	10	42	36.3	27.3	39.4
<b>Malignant neoplasms (C00-C97)</b>	<b>3,273</b>	<b>1,356</b>	<b>1,917</b>	<b>2,283.3</b>	<b>3,697.4</b>	<b>1,797.1</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	47	20	27	32.8	54.5	25.3
Malignant neoplasm of oesophagus (C15)	48	27	21	33.5	73.6	19.7
Malignant neoplasm of stomach (C16)	107	43	64	74.6	117.2	60.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	463	145	318	323.0	395.4	298.1
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	38	15	23	26.5	40.9	21.6
Malignant neoplasm of pancreas (C25)	140	43	97	97.7	117.2	90.9
Malignant neoplasm of larynx (C32)	16	12	4	11.2	32.7	3.7
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	396	212	184	276.3	578.1	172.5
Malignant melanoma of skin (C43)	31	16	15	21.6	43.6	14.1
Malignant neoplasm of breast (C50)	331	1	330	230.9	2.7	309.4
Malignant neoplasm of cervix uteri (C53)	...	...	9	...	...	8.4
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	50	...	...	46.9
Malignant neoplasm of ovary (C56)	...	...	59	...	...	55.3
Malignant neoplasm of prostate (C61)	...	365	...	...	995.3	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	59	27	32	41.2	73.6	30.0
Malignant neoplasm of bladder (C67)	147	90	57	102.6	245.4	53.4
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	16	9	7	11.2	24.5	6.6
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>282</b>	<b>119</b>	<b>163</b>	<b>196.7</b>	<b>324.5</b>	<b>152.8</b>
Hodgkin's disease (C81)	1	1	0	0.7	2.7	0.0
Non-Hodgkin's lymphoma (C82-C85)	94	41	53	65.6	111.8	49.7
Leukaemia (C91-C95)	127	50	77	88.6	136.3	72.2
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	60	27	33	41.9	73.6	30.9
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)	669	212	457	466.7	578.1	428.4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	194	53	141	135.3	144.5	132.2
Anaemias (D50-D64)	159	45	114	110.9	122.7	106.9
Diabetes mellitus (E10-E14)	800	237	563	558.1	646.2	527.8
<b>Nutritional deficiencies (E40-E64)</b>	<b>65</b>	<b>15</b>	<b>50</b>	<b>45.3</b>	<b>40.9</b>	<b>46.9</b>
Malnutrition (E40-E46)	52	15	37	36.3	40.9	34.7
Other nutritional deficiencies (E50-E64)	13	0	13	9.1	0.0	12.2
Meningitis (G00, G03)	1	1	0	0.7	2.7	0.0
Parkinson's disease (G20-G21)	196	85	111	136.7	231.8	104.1
Alzheimer's disease (G30)	1,549	299	1,250	1,080.6	815.3	1,171.8
<b>Major cardiovascular diseases (I00-I78)</b>	<b>13,755</b>	<b>3,702</b>	<b>10,053</b>	<b>9,595.9</b>	<b>10,094.3</b>	<b>9,424.5</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>9,475</b>	<b>2,622</b>	<b>6,853</b>	<b>6,610.0</b>	<b>7,149.5</b>	<b>6,424.5</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	38	9	29	26.5	24.5	27.2
Hypertensive heart disease (I11)	158	26	132	110.2	70.9	123.7

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, Canada<sup>1</sup> — 90 years and over<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	30	8	22	20.9	21.8	20.6
<b>Ischaemic heart diseases (I20-I25)</b>	<b>6,631</b>	<b>1,911</b>	<b>4,720</b>	<b>4,626.0</b>	<b>5,210.8</b>	<b>4,424.9</b>
Acute myocardial infarction (I21-I22)	2,416	750	1,666	1,685.5	2,045.0	1,561.8
Other acute ischaemic heart diseases (I24)	89	25	64	62.1	68.2	60.0
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>4,126</b>	<b>1,136</b>	<b>2,990</b>	<b>2,878.4</b>	<b>3,097.6</b>	<b>2,803.1</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	136	33	103	94.9	90.0	96.6
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,990	1,103	2,887	2,783.5	3,007.6	2,706.5
<b>Other heart diseases (I26-I51)</b>	<b>2,618</b>	<b>668</b>	<b>1,950</b>	<b>1,826.4</b>	<b>1,821.5</b>	<b>1,828.1</b>
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	1	1	1.4	2.7	0.9
Heart failure (I50)	1,426	367	1,059	994.8	1,000.7	992.8
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,190	300	890	830.2	818.0	834.4
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	327	74	253	228.1	201.8	237.2
Cerebrovascular diseases (I60-I69)	3,183	788	2,395	2,220.5	2,148.7	2,245.3
Atherosclerosis (I70)	416	102	314	290.2	278.1	294.4
<b>Other diseases of circulatory system (I71-I78)</b>	<b>354</b>	<b>116</b>	<b>238</b>	<b>247.0</b>	<b>316.3</b>	<b>223.1</b>
Aortic aneurysm and dissection (I71)	156	62	94	108.8	169.1	82.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	198	54	144	138.1	147.2	135.0
Other disorders of circulatory system (I80-I99)	49	14	35	34.2	38.2	32.8
<b>Influenza and pneumonia (J10-J18)</b>	<b>1,538</b>	<b>494</b>	<b>1,044</b>	<b>1,073.0</b>	<b>1,347.0</b>	<b>978.7</b>
Influenza (J10-J11)	73	25	48	50.9	68.2	45.0
Pneumonia (J12-J18)	1,465	469	996	1,022.0	1,278.8	933.7
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>30</b>	<b>12</b>	<b>18</b>	<b>20.9</b>	<b>32.7</b>	<b>16.9</b>
Acute bronchitis and bronchiolitis (J20-J21)	22	9	13	15.3	24.5	12.2
Unspecified acute lower respiratory infection (J22)	8	3	5	5.6	8.2	4.7
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>1,191</b>	<b>559</b>	<b>632</b>	<b>830.9</b>	<b>1,524.2</b>	<b>592.5</b>
Bronchitis, chronic and unspecified (J40-J42)	44	11	33	30.7	30.0	30.9
Emphysema (J43)	57	24	33	39.8	65.4	30.9
Asthma (J45-J46)	37	6	31	25.8	16.4	29.1
Other chronic lower respiratory diseases (J44, J47)	1,053	518	535	734.6	1,412.4	501.6
Pneumoconioses and chemical effects (J60-J66, J68)	1	1	0	0.7	2.7	0.0
Pneumonitis due to solids and liquids (J69)	218	94	124	152.1	256.3	116.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	260	94	166	181.4	256.3	155.6
Peptic ulcer (K25-K28)	69	25	44	48.1	68.2	41.2
Diseases of appendix (K35-K38)	4	3	1	2.8	8.2	0.9
Hernia (K40-K46)	42	20	22	29.3	54.5	20.6
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>15</b>	<b>8</b>	<b>7</b>	<b>10.5</b>	<b>21.8</b>	<b>6.6</b>
Alcoholic liver disease (K70)	3	3	0	2.1	8.2	0.0
Other chronic liver disease and cirrhosis (K73-K74)	12	5	7	8.4	13.6	6.6
Cholelithiasis and other disorders of gallbladder (K80-K82)	65	22	43	45.3	60.0	40.3
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>639</b>	<b>249</b>	<b>390</b>	<b>445.8</b>	<b>679.0</b>	<b>365.6</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	2	1	1	1.4	2.7	0.9
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	1	0	1	0.7	0.0	0.9
Renal failure (N17-N19)	636	248	388	443.7	676.2	363.7
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	19	7	12	13.3	19.1	11.2
Hyperplasia of prostate (N40)	...	12	...	...	32.7	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>...</b>	<b>...</b>	<b>0.0</b>
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)	8	4	4	5.6	10.9	3.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	633	125	508	441.6	340.8	476.2
All other diseases (residual) <sup>11</sup>	4,198	952	3,246	2,928.6	2,595.8	3,043.1
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>1,038</b>	<b>291</b>	<b>747</b>	<b>724.1</b>	<b>793.5</b>	<b>700.3</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>22</b>	<b>10</b>	<b>12</b>	<b>15.3</b>	<b>27.3</b>	<b>11.2</b>
Motor vehicle accidents <sup>12</sup>	22	10	12	15.3	27.3	11.2
Other land transport accidents <sup>13</sup>	0	0	0	0.0	0.0	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, Canada<sup>1</sup> — 90 years and over<sup>2, 3, 4, 5</sup>

	Number of deaths			Age-specific mortality rate per 100,000 population <sup>6</sup>		
	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
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>1,016</b>	<b>281</b>	<b>735</b>	<b>708.8</b>	<b>766.2</b>	<b>689.0</b>
Falls (W00-W19)	371	111	260	258.8	302.7	243.7
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	7	3	4	4.9	8.2	3.7
Accidental exposure to smoke, fire and flames (X00-X09)	5	2	3	3.5	5.5	2.8
Accidental poisoning and exposure to noxious substances (X40-X49)	8	3	5	5.6	8.2	4.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	625	162	463	436.0	441.7	434.1
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>16</b>	<b>14</b>	<b>2</b>	<b>11.2</b>	<b>38.2</b>	<b>1.9</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	3	3	0	2.1	8.2	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	13	11	2	9.1	30.0	1.9
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>2.1</b>	<b>2.7</b>	<b>1.9</b>
Assault (homicide) by discharge of firearms (X93-X95)	1	0	1	0.7	0.0	0.9
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	2	1	1	1.4	2.7	0.9
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1.4</b>	<b>2.7</b>	<b>0.9</b>
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	1	1	1.4	2.7	0.9
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)	19	7	12	13.3	19.1	11.2

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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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

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The definitions used for the production of statistical tables of Canadian vital statistics data are based on those recommended by the World Health Organization<sup>1</sup> and the United Nations.<sup>2</sup>

**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-9<sup>3</sup> 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.

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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
<b>Total</b>		<b>28,120,065</b>	<b>1.0000</b>

**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

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## 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

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## 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

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## 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

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**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](http://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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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](http://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 2002 mortality rate calculations are July 1, 2002 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2003" (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
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](http://www.cdc.gov/nchs/data/dvs/im9_2002.pdf).