



Catalogue no. 84F0209XIE

# Mortality, summary list of causes

2001



Statistics  
Canada

Statistique  
Canada

Canada

## How to obtain more information

Specific inquiries about this product and related statistics or services should be directed to: Health Statistics Division, Statistics Canada, Ottawa, Ontario, K1A 0T6 (telephone: 1 800 263-1136; 1 (613) 951-1746; email: [hd-ds@statcan.ca](mailto:hd-ds@statcan.ca)).

For information on the wide range of data available from Statistics Canada, you can contact us by calling one of our toll free numbers. You can also contact us by e-mail or by visiting our website.

National inquiries line **1 800 263-1136**

National telecommunications device for the hearing impaired **1 800 363-7629**

Depository Services Program inquiries **1 800 700-1033**

Fax line for Depository Services Program **1 800 889-9734**

E-mail inquiries [infostats@statcan.ca](mailto:infostats@statcan.ca)

Website [www.statcan.ca](http://www.statcan.ca)

## Ordering and subscription information

This product, Catalogue no. 84F0209XIE, is available on the Statistics Canada Internet site free of charge. To obtain single issues visit our website at [www.statcan.ca](http://www.statcan.ca), and select Products and Services.

## Standards of service to the public

Statistics Canada is committed to serving its clients in a prompt, reliable and courteous manner and in the official language of their choice. To this end, the Agency has developed *standards of service* which its employees observe in serving its clients. To obtain a copy of these service standards, please contact Statistics Canada toll free at 1 800 263-1136. The service standards are also published on [www.statcan.ca](http://www.statcan.ca) under About Statistics Canada > Providing services to Canadians.



Statistics Canada  
Health Statistics Division

# Mortality, summary list of causes

2001

Published by authority of the Minister responsible for Statistics Canada

© Minister of Industry, 2006

All rights reserved. The content of this publication may be reproduced, in whole or in part, and by any means, without further permission from Statistics Canada, subject to the following conditions: that it is done solely for the purposes of private study, research, criticism, review, newspaper summary, and/or for non-commercial purposes; and that Statistics Canada be fully acknowledged as follows: Source (or "Adapted from", if appropriate): Statistics Canada, name of product, catalogue, volume and issue numbers, reference period and page(s). Otherwise, no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopy, for any purposes, without the prior written permission of Licensing Services, Marketing Division, Statistics Canada, Ottawa, Ontario, Canada K1A 0T6.

March 2006

Catalogue no. 84F0209XIE

ISSN 1701-2023

Frequency: Annual

Ottawa

La version française de cette publication est disponible sur demande (n° 84F0209XIF au catalogue).

---

#### **Note of appreciation**

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

# User information

---

## Symbols

The following standard symbols are used in Statistics Canada publications:

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

## Acknowledgements

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

# Introduction

---

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

## Content note

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

## History note

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

## Publication, data year 2001 issue

This issue of the annual HTML/PDF publication contains tables for data year 2001 with the corresponding highlights and analysis. The issues for data years 2002 and 2003 will be released in order in the coming months.

## 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

# Table of contents

---

<b>Highlights</b>	<b>6</b>
<b>Analysis</b>	<b>7</b>
<b>Related products</b>	<b>8</b>
<b>Statistical tables</b>	
<b>1 Deaths by selected grouped causes, sex and geography</b>	<b>11</b>
1-1 Canada	11
1-2 Newfoundland and Labrador	14
1-3 Prince Edward Island	17
1-4 Nova Scotia	20
1-5 New Brunswick	23
1-6 Quebec	26
1-7 Ontario	29
1-8 Manitoba	32
1-9 Saskatchewan	35
1-10 Alberta	38
1-11 British Columbia	41
1-12 Yukon Territory	44
1-13 Northwest Territories	47
1-14 Nunavut	50
<b>2 Deaths by selected grouped causes, age group at time of death and sex, Canada</b>	<b>53</b>
2-1 Under 1 year	53
2-2 1 to 4 years	56
2-3 5 to 9 years	59
2-4 10 to 14 years	62
2-5 15 to 19 years	65
2-6 20 to 24 years	68
2-7 25 to 29 years	71
2-8 30 to 34 years	74
2-9 35 to 39 years	77
2-10 40 to 44 years	80
2-11 45 to 49 years	83

**Table of contents – continued**

2-12	50 to 54 years	86
2-13	55 to 59 years	89
2-14	60 to 64 years	92
2-15	65 to 69 years	95
2-16	70 to 74 years	98
2-17	75 to 79 years	101
2-18	80 to 84 years	104
2-19	85 to 89 years	107
2-20	90 years and over	110
<b>Data quality, concepts and methodology</b>		
	Definitions	113
	Vital Statistics — Death Database	117
	Vital Statistics — Birth Database	122
	Estimates of population by age and sex for Canada, the Provinces and the Territories	126
	Footnotes	128
<b>Appendix</b>		
I.	Summary list of causes of death	130

## Highlights

---

- Life expectancy at birth, a key indicator of a population's health, increased slightly to new record highs for both sexes in 2001. A woman born in 2001 could expect to live 82.2 years, up 0.2 years from 2000. A man's life expectancy at birth reached 77.1 years in 2001, up 0.3 years.
- The infant death rate decreased slightly in 2001, for the first time in three years, to 5.2 infant deaths per 1,000 live births.
- The maternal mortality rate increased to 7.8 maternal deaths per 100,000 live births. While this rate represented only 26 deaths, the increase is of concern because it was the highest rate since 1981. A maternal death is the death of a woman while pregnant or within one year of the termination of pregnancy.
- Influenza deaths decreased a striking 83.8% in 2001 from 2000. While over 500 people died as a result of influenza in 2000, fewer than 100 did so in 2001.



## Analysis

---

Life expectancy at birth, a key indicator of a population's health, increased slightly to new record highs for both sexes in 2001. A woman born in 2001 could expect to live 82.2 years, up 0.2 years from 2000. A man's life expectancy at birth reached 77.1 years in 2001, up 0.3 years.

Life expectancy for both sexes combined reached 79.7 years in 2001, up 0.3 years from 2000. The levels for men and women were highest in British Columbia.

The gap in life expectancy between the sexes closed from 5.2 years in 2000 to 5.1 years in 2001, continuing a trend toward narrowing that has extended over two decades. From 1979 to 2001, life expectancy for men improved by 5.7 years, whereas life expectancy for women advanced 3.4 years.

The infant death rate decreased slightly in 2001, for the first time in three years, to 5.2 infant deaths per 1,000 live births.

The maternal mortality rate increased to 7.8 maternal deaths per 100,000 live births. While this rate represented only 26 deaths, the increase is of concern because it was the highest rate since 1981. A maternal death is the death of a woman while pregnant or within one year of the termination of pregnancy.

Influenza deaths decreased a striking 83.8% in 2001 from 2000. While over 500 people died as a result of influenza in 2000, fewer than 100 did so in 2001.

According to a Health Canada report, **Influenza in Canada: 2001-2002 season**, influenza infections, which were detected through the national respiratory virus detection system, peaked after the end of 2001, in mid-February 2002. This peak was relatively late compared with previous seasons. In addition, 2001-2002 was also considered to be a relatively mild influenza season.

Although the reason for the reduction in influenza mortality cannot be determined, it coincides with increasing efforts by Canadians to avoid influenza infection. According to results from the National Population Health Survey, 1996-1997 and the Canadian Community Health Survey, 2000-2001, the proportion of the Canadian population aged 20 and over who reported having received an influenza vaccination in the year prior to the survey nearly doubled, from approximately 15% in 1996-1997 to almost 30% in 2000-2001.

Even though life expectancy increased, so did the overall number of deaths in Canada, up 0.7% in 2001, resuming a long-term upward trend. A total of 219,538 people died in 2001, up from 218,062 in 2000. This apparent inconsistency is explained by Canada's aging population. Life expectancy reflects mortality rates within age groups; these mortality rates are, in general, declining. The total number of deaths reflects the offsetting effects of declining age-specific mortality rates versus increasing numbers of elderly people, who experience higher mortality rates.

The gain followed a similar decline of 0.7% in 2000, which was the first annual decrease since 1981.

Only Quebec, Alberta, British Columbia and the Northwest Territories recorded increases in the number of deaths in 2001. These gains were large enough to offset the declines in the number of deaths in the remaining provinces and territories.

The crude death rate - the number of deaths for every 100,000 people - held steady at 7.1. This occurred because the size of the Canadian population grew faster than did the number of deaths.

## Related products

---

### Selected publications from Statistics Canada

---

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

---

### Selected CANSIM tables from Statistics Canada

---

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

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

---

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

---

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

---

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

---

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

# Statistical tables

---

---

Table 1-1

Deaths by selected grouped causes, sex and geography — 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>219,538</b>	<b>112,001</b>	<b>107,537</b>	<b>705.7</b>	<b>727.0</b>	<b>684.7</b>	<b>600.8</b>	<b>756.4</b>	<b>483.2</b>
Salmonella infections (A01-A02)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	299	122	177	1.0	0.8	1.1	0.8	0.9	0.8
<b>Tuberculosis (A16-A19)</b>	<b>108</b>	<b>65</b>	<b>43</b>	<b>0.3</b>	<b>0.4</b>	<b>0.3</b>	<b>0.3</b>	<b>0.4</b>	<b>0.2</b>
Respiratory tuberculosis (A16)	86	56	30	0.3	0.4	0.2	0.2	0.4	0.1
Other tuberculosis (A17-A19)	22	9	13	0.1	0.1	0.1	0.1	0.1	0.1
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	25	11	14	0.1	0.1	0.1	0.1	0.1	0.1
Septicaemia (A40-A41)	1,392	640	752	4.5	4.2	4.8	3.8	4.4	3.3
Syphilis (A50-A53)	2	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	320	196	124	1.0	1.3	0.8	0.9	1.1	0.7
Human immunodeficiency virus [HIV] disease (B20-B24)	435	369	66	1.4	2.4	0.4	1.3	2.2	0.4
Malaria (B50-B54)	2	2	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>	459	217	242	1.5	1.4	1.5	1.3	1.5	1.1
<b>Malignant neoplasms (C00-C97)</b>	<b>63,774</b>	<b>34,023</b>	<b>29,751</b>	<b>205.0</b>	<b>220.8</b>	<b>189.4</b>	<b>178.7</b>	<b>223.8</b>	<b>147.6</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1,029	723	306	3.3	4.7	1.9	2.9	4.6	1.5
Malignant neoplasm of oesophagus (C15)	1,362	1,016	346	4.4	6.6	2.2	3.8	6.5	1.7
Malignant neoplasm of stomach (C16)	1,861	1,168	693	6.0	7.6	4.4	5.2	7.6	3.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	6,631	3,465	3,166	21.3	22.5	20.2	18.4	22.8	14.9
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1,406	899	507	4.5	5.8	3.2	4.0	5.8	2.5
Malignant neoplasm of pancreas (C25)	3,193	1,581	1,612	10.3	10.3	10.3	8.9	10.3	7.8
Malignant neoplasm of larynx (C32)	498	424	74	1.6	2.8	0.5	1.4	2.7	0.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	16,572	9,931	6,641	53.3	64.5	42.3	47.3	64.6	34.4
Malignant melanoma of skin (C43)	709	435	274	2.3	2.8	1.7	2.0	2.8	1.4
Malignant neoplasm of breast (C50)	5,017	49	4,968	16.1	0.3	31.6	13.9	0.3	24.9
Malignant neoplasm of cervix uteri (C53)	...	...	403	...	...	2.6	...	...	2.1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	663	...	...	4.2	...	...	3.2
Malignant neoplasm of ovary (C56)	...	...	1,440	...	...	9.2	...	...	7.3
Malignant neoplasm of prostate (C61)	...	3,825	...	...	24.8	...	...	26.6	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	1,328	820	508	4.3	5.3	3.2	3.7	5.3	2.5
Malignant neoplasm of bladder (C67)	1,491	1,061	430	4.8	6.9	2.7	4.1	7.2	1.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	1,552	857	695	5.0	5.6	4.4	4.5	5.4	3.8
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>5,925</b>	<b>3,278</b>	<b>2,647</b>	<b>19.0</b>	<b>21.3</b>	<b>16.9</b>	<b>16.7</b>	<b>21.5</b>	<b>13.0</b>
Hodgkin's disease (C81)	131	72	59	0.4	0.5	0.4	0.4	0.5	0.3
Non-Hodgkin's lymphoma (C82-C85)	2,553	1,402	1,151	8.2	9.1	7.3	7.2	9.0	5.7
Leukaemia (C91-C95)	2,093	1,204	889	6.7	7.8	5.7	5.9	8.1	4.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	1,136	592	544	3.7	3.8	3.5	3.2	3.9	2.6
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	12	8	4	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)	8,869	4,491	4,378	28.5	29.2	27.9	24.7	29.8	21.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	1,431	713	718	4.6	4.6	4.6	3.9	4.8	3.3
Anaemias (D50-D64)	487	191	296	1.6	1.2	1.9	1.3	1.4	1.2
Diabetes mellitus (E10-E14)	7,097	3,440	3,657	22.8	22.3	23.3	19.3	23.0	16.4
<b>Nutritional deficiencies (E40-E64)</b>	<b>212</b>	<b>93</b>	<b>119</b>	<b>0.7</b>	<b>0.6</b>	<b>0.8</b>	<b>0.6</b>	<b>0.7</b>	<b>0.5</b>
Malnutrition (E40-E46)	176	76	100	0.6	0.5	0.6	0.5	0.5	0.4
Other nutritional deficiencies (E50-E64)	36	17	19	0.1	0.1	0.1	0.1	0.1	0.1
Meningitis (G00, G03)	60	37	23	0.2	0.2	0.1	0.2	0.2	0.1
Parkinson's disease (G20-G21)	1,609	874	735	5.2	5.7	4.7	4.2	6.2	3.0
Alzheimer's disease (G30)	5,477	1,708	3,769	17.6	11.1	24.0	13.9	12.5	14.5
<b>Major cardiovascular diseases (I00-I78)</b>	<b>74,441</b>	<b>36,912</b>	<b>37,529</b>	<b>239.3</b>	<b>239.6</b>	<b>239.0</b>	<b>197.5</b>	<b>252.6</b>	<b>155.4</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>53,717</b>	<b>27,881</b>	<b>25,836</b>	<b>172.7</b>	<b>181.0</b>	<b>164.5</b>	<b>143.1</b>	<b>189.7</b>	<b>107.6</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	381	114	267	1.2	0.7	1.7	1.0	0.8	1.3
Hypertensive heart disease (I11)	533	200	333	1.7	1.3	2.1	1.4	1.4	1.4
Hypertensive heart and renal disease (I13)	106	39	67	0.3	0.3	0.4	0.3	0.3	0.3
<b>Ischaemic heart diseases (I20-I25)</b>	<b>41,381</b>	<b>22,579</b>	<b>18,802</b>	<b>133.0</b>	<b>146.6</b>	<b>119.7</b>	<b>110.6</b>	<b>152.8</b>	<b>78.4</b>
Acute myocardial infarction (I21-I22)	19,180	10,825	8,355	61.7	70.3	53.2	51.8	72.5	35.8
Other acute ischaemic heart diseases (I24)	601	331	270	1.9	2.1	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>21,600</b>	<b>11,423</b>	<b>10,177</b>	<b>69.4</b>	<b>74.1</b>	<b>64.8</b>	<b>57.2</b>	<b>78.2</b>	<b>41.5</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	1,181	685	496	3.8	4.4	3.2	3.2	4.5	2.2
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	20,419	10,738	9,681	65.6	69.7	61.6	54.0	73.6	39.3
<b>Other heart diseases (I26-I51)</b>	<b>11,316</b>	<b>4,949</b>	<b>6,367</b>	<b>36.4</b>	<b>32.1</b>	<b>40.5</b>	<b>29.8</b>	<b>34.5</b>	<b>26.2</b>
Acute and subacute endocarditis (I33)	86	55	31	0.3	0.4	0.2	0.3	0.3	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	87	53	34	0.3	0.3	0.2	0.3	0.3	0.2
Heart failure (I50)	4,645	1,832	2,813	14.9	11.9	17.9	11.8	13.5	10.8
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	6,498	3,009	3,489	20.9	19.5	22.2	17.5	20.3	15.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1,032	361	671	3.3	2.3	4.3	2.7	2.5	2.7
Cerebrovascular diseases (I60-I69)	15,452	6,379	9,073	49.7	41.4	57.8	40.4	44.6	37.1
Atherosclerosis (I70)	1,208	495	713	3.9	3.2	4.5	3.1	3.6	2.7
<b>Other diseases of circulatory system (I71-I78)</b>	<b>3,032</b>	<b>1,796</b>	<b>1,236</b>	<b>9.7</b>	<b>11.7</b>	<b>7.9</b>	<b>8.2</b>	<b>12.2</b>	<b>5.3</b>
Aortic aneurysm and dissection (I71)	1,954	1,244	710	6.3	8.1	4.5	5.3	8.4	3.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	1,078	552	526	3.5	3.6	3.3	2.9	3.8	2.2
Other disorders of circulatory system (I80-I99)	383	161	222	1.2	1.0	1.4	1.1	1.1	1.0
<b>Influenza and pneumonia (J10-J18)</b>	<b>4,776</b>	<b>2,139</b>	<b>2,637</b>	<b>15.4</b>	<b>13.9</b>	<b>16.8</b>	<b>12.2</b>	<b>15.7</b>	<b>10.3</b>
Influenza (J10-J11)	92	35	57	0.3	0.2	0.4	0.2	0.3	0.2
Pneumonia (J12-J18)	4,684	2,104	2,580	15.1	13.7	16.4	12.0	15.4	10.1
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>93</b>	<b>40</b>	<b>53</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.2</b>
Acute bronchitis and bronchiolitis (J20-J21)	45	21	24	0.1	0.1	0.2	0.1	0.2	0.1
Unspecified acute lower respiratory infection (J22)	48	19	29	0.2	0.1	0.2	0.1	0.1	0.1
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>9,773</b>	<b>5,437</b>	<b>4,336</b>	<b>31.4</b>	<b>35.3</b>	<b>27.6</b>	<b>26.3</b>	<b>38.0</b>	<b>19.4</b>
Bronchitis, chronic and unspecified (J40-J42)	190	87	103	0.6	0.6	0.7	0.5	0.6	0.4
Emphysema (J43)	789	492	297	2.5	3.2	1.9	2.2	3.3	1.5
Asthma (J45-J46)	299	114	185	1.0	0.7	1.2	0.8	0.8	0.8
Other chronic lower respiratory diseases (J44, J47)	8,495	4,744	3,751	27.3	30.8	23.9	22.8	33.3	16.7
Pneumoconioses and chemical effects (J60-J66, J68)	61	56	5	0.2	0.4	0.0	0.2	0.4	0.0
Pneumonitis due to solids and liquids (J69)	797	422	375	2.6	2.7	2.4	2.1	3.0	1.6
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2,085	1,121	964	6.7	7.3	6.1	5.7	7.7	4.4
Peptic ulcer (K25-K28)	469	258	211	1.5	1.7	1.3	1.3	1.7	0.9
Diseases of appendix (K35-K38)	40	27	13	0.1	0.2	0.1	0.1	0.2	0.1
Hernia (K40-K46)	204	91	113	0.7	0.6	0.7	0.5	0.6	0.5
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>2,269</b>	<b>1,477</b>	<b>792</b>	<b>7.3</b>	<b>9.6</b>	<b>5.0</b>	<b>6.5</b>	<b>9.0</b>	<b>4.2</b>
Alcoholic liver disease (K70)	1,112	832	280	3.6	5.4	1.8	3.2	5.0	1.5
Other chronic liver disease and cirrhosis (K73-K74)	1,157	645	512	3.7	4.2	3.3	3.3	4.0	2.6
Cholelithiasis and other disorders of gallbladder (K80-K82)	298	148	150	1.0	1.0	1.0	0.8	1.0	0.6
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>3,221</b>	<b>1,657</b>	<b>1,564</b>	<b>10.4</b>	<b>10.8</b>	<b>10.0</b>	<b>8.5</b>	<b>11.6</b>	<b>6.6</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	19	8	11	0.1	0.1	0.1	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)	46	29	17	0.1	0.2	0.1	0.1	0.2	0.1
Renal failure (N17-N19)	3,150	1,617	1,533	10.1	10.5	9.8	8.3	11.4	6.5
Other disorders of kidney (N25, N27)	6	3	3	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	90	28	62	0.3	0.2	0.4	0.2	0.2	0.3
Hyperplasia of prostate (N40)	...	45	...	...	0.3	...	...	0.3	...
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>26</b>	<b>...</b>	<b>...</b>	<b>0.2</b>	<b>...</b>	<b>...</b>	<b>0.2</b>
Pregnancy with abortive outcome (O00-O07)	...	...	1	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	25	...	...	0.2	...	...	0.2
Certain conditions originating in the perinatal period (P00-P96)	936	541	395	3.0	3.5	2.5	4.0	4.5	3.5
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	893	487	406	2.9	3.2	2.6	3.3	3.6	3.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	3,063	1,568	1,495	9.8	10.2	9.5	8.7	10.5	7.0
All other diseases (residual) <sup>7</sup>	19,109	7,794	11,315	61.4	50.6	72.0	51.0	53.3	48.2
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>8,521</b>	<b>5,310</b>	<b>3,211</b>	<b>27.4</b>	<b>34.5</b>	<b>20.4</b>	<b>25.1</b>	<b>35.3</b>	<b>15.6</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>3,064</b>	<b>2,188</b>	<b>876</b>	<b>9.8</b>	<b>14.2</b>	<b>5.6</b>	<b>9.8</b>	<b>14.3</b>	<b>5.3</b>
Motor vehicle accidents <sup>8</sup>	2,585	1,812	773	8.3	11.8	4.9	8.3	11.9	4.7
Other land transport accidents <sup>9</sup>	292	216	76	0.9	1.4	0.5	0.9	1.4	0.4
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	187	160	27	0.6	1.0	0.2	0.6	1.0	0.2
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>5,457</b>	<b>3,122</b>	<b>2,335</b>	<b>17.5</b>	<b>20.3</b>	<b>14.9</b>	<b>15.3</b>	<b>21.0</b>	<b>10.3</b>
Falls (W00-W19)	1,727	881	846	5.6	5.7	5.4	4.6	6.1	3.4
Accidental discharge of firearms (W32-W34)	28	27	1	0.1	0.2	0.0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	278	231	47	0.9	1.5	0.3	0.9	1.5	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	243	144	99	0.8	0.9	0.6	0.8	1.0	0.6

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)	955	670	285	3.1	4.3	1.8	3.0	4.2	1.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	2,226	1,169	1,057	7.2	7.6	6.7	6.0	8.1	4.3
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>3,692</b>	<b>2,870</b>	<b>822</b>	<b>11.9</b>	<b>18.6</b>	<b>5.2</b>	<b>11.4</b>	<b>18.0</b>	<b>5.0</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	651	616	35	2.1	4.0	0.2	2.0	3.8	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	3,041	2,254	787	9.8	14.6	5.0	9.4	14.2	4.8
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>463</b>	<b>336</b>	<b>127</b>	<b>1.5</b>	<b>2.2</b>	<b>0.8</b>	<b>1.5</b>	<b>2.2</b>	<b>0.8</b>
Assault (homicide) by discharge of firearms (X93-X95)	148	119	29	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)	315	217	98	1.0	1.4	0.6	1.0	1.4	0.6
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>423</b>	<b>281</b>	<b>142</b>	<b>1.4</b>	<b>1.8</b>	<b>0.9</b>	<b>1.3</b>	<b>1.7</b>	<b>0.9</b>
Discharge of firearms, undetermined intent (Y22-Y24)	10	10	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)	413	271	142	1.3	1.8	0.9	1.3	1.7	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)	159	86	73	0.5	0.6	0.5	0.4	0.6	0.3

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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 — Footnotes 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>4,151</b>	<b>2,255</b>	<b>1,896</b>	<b>777.6</b>	<b>853.3</b>	<b>703.4</b>	<b>699.1</b>	<b>889.7</b>	<b>549.9</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)	1	1	0	0.2	0.4	0.0	0.2	0.4	0.0
<b>Tuberculosis (A16-A19)</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>0.6</b>	<b>0.0</b>	<b>1.1</b>	<b>0.5</b>	<b>0.0</b>	<b>0.9</b>
Respiratory tuberculosis (A16)	3	0	3	0.6	0.0	1.1	0.5	0.0	0.9
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)	32	16	16	6.0	6.1	5.9	5.3	6.3	4.7
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	1	1	0	0.2	0.4	0.0	0.1	0.2	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	4	4	0	0.7	1.5	0.0	0.7	1.4	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>6</sup>	9	7	2	1.7	2.6	0.7	1.6	2.6	0.9
<b>Malignant neoplasms (C00-C97)</b>	<b>1,194</b>	<b>712</b>	<b>482</b>	<b>223.7</b>	<b>269.4</b>	<b>178.8</b>	<b>201.1</b>	<b>271.3</b>	<b>147.0</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	14	12	2	2.6	4.5	0.7	2.4	4.5	0.8
Malignant neoplasm of oesophagus (C15)	26	22	4	4.9	8.3	1.5	4.5	8.3	1.2
Malignant neoplasm of stomach (C16)	57	38	19	10.7	14.4	7.0	9.7	14.6	5.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	137	77	60	25.7	29.1	22.3	23.0	28.4	17.9
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	25	16	9	4.7	6.1	3.3	4.4	6.0	3.0
Malignant neoplasm of pancreas (C25)	49	25	24	9.2	9.5	8.9	8.5	9.7	7.4
Malignant neoplasm of larynx (C32)	15	14	1	2.8	5.3	0.4	2.6	5.3	0.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	270	196	74	50.6	74.2	27.5	46.2	74.6	23.7
Malignant melanoma of skin (C43)	11	6	5	2.1	2.3	1.9	1.8	2.2	1.6
Malignant neoplasm of breast (C50)	84	1	83	15.7	0.4	30.8	13.5	0.4	24.8
Malignant neoplasm of cervix uteri (C53)	...	...	15	...	...	5.6	...	...	4.9
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	12	...	...	4.5	...	...	3.6
Malignant neoplasm of ovary (C56)	...	...	20	...	...	7.4	...	...	6.2
Malignant neoplasm of prostate (C61)	...	98	...	...	37.1	...	...	39.2	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	34	23	11	6.4	8.7	4.1	5.9	8.3	3.9
Malignant neoplasm of bladder (C67)	28	25	3	5.2	9.5	1.1	4.8	10.3	0.8
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	19	11	8	3.6	4.2	3.0	3.3	3.5	2.9
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>73</b>	<b>42</b>	<b>31</b>	<b>13.7</b>	<b>15.9</b>	<b>11.5</b>	<b>12.3</b>	<b>15.8</b>	<b>9.0</b>
Hodgkin's disease (C81)	1	0	1	0.2	0.0	0.4	0.2	0.0	0.3
Non-Hodgkin's lymphoma (C82-C85)	36	22	14	6.7	8.3	5.2	6.2	8.2	4.3
Leukaemia (C91-C95)	21	10	11	3.9	3.8	4.1	3.5	3.9	3.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	15	10	5	2.8	3.8	1.9	2.5	3.6	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)	207	106	101	38.8	40.1	37.5	34.4	40.3	29.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	32	19	13	6.0	7.2	4.8	5.4	7.5	3.9
Anaemias (D50-D64)	6	2	4	1.1	0.8	1.5	1.0	0.8	1.0
Diabetes mellitus (E10-E14)	184	77	107	34.5	29.1	39.7	30.4	30.1	30.8
<b>Nutritional deficiencies (E40-E64)</b>	<b>4</b>	<b>1</b>	<b>3</b>	<b>0.7</b>	<b>0.4</b>	<b>1.1</b>	<b>0.6</b>	<b>0.4</b>	<b>0.9</b>
Malnutrition (E40-E46)	4	1	3	0.7	0.4	1.1	0.6	0.4	0.9
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)	26	9	17	4.9	3.4	6.3	4.1	3.6	4.4
Alzheimer's disease (G30)	127	46	81	23.8	17.4	30.1	20.7	19.3	21.4
<b>Major cardiovascular diseases (I00-I78)</b>	<b>1,581</b>	<b>844</b>	<b>737</b>	<b>296.2</b>	<b>319.4</b>	<b>273.4</b>	<b>262.9</b>	<b>334.6</b>	<b>204.0</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>1,165</b>	<b>629</b>	<b>536</b>	<b>218.2</b>	<b>238.0</b>	<b>198.9</b>	<b>193.8</b>	<b>247.8</b>	<b>149.5</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	2	2	0	0.4	0.8	0.0	0.4	0.8	0.0
Hypertensive heart disease (I11)	15	6	9	2.8	2.3	3.3	2.4	2.8	2.4
Hypertensive heart and renal disease (I13)	4	3	1	0.7	1.1	0.4	0.6	1.0	0.2
<b>Ischaemic heart diseases (I20-I25)</b>	<b>911</b>	<b>524</b>	<b>387</b>	<b>170.7</b>	<b>198.3</b>	<b>143.6</b>	<b>151.5</b>	<b>205.2</b>	<b>107.9</b>
Acute myocardial infarction (I21-I22)	365	201	164	68.4	76.1	60.8	61.0	77.9	46.6
Other acute ischaemic heart diseases (I24)	5	3	2	0.9	1.1	0.7	0.8	1.0	0.6

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>541</b>	<b>320</b>	<b>221</b>	<b>101.3</b>	<b>121.1</b>	<b>82.0</b>	<b>89.7</b>	<b>126.3</b>	<b>60.7</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	89	60	29	16.7	22.7	10.8	14.8	23.0	8.2
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	452	260	192	84.7	98.4	71.2	74.8	103.3	52.5
<b>Other heart diseases (I26-I51)</b>	<b>233</b>	<b>94</b>	<b>139</b>	<b>43.6</b>	<b>35.6</b>	<b>51.6</b>	<b>38.8</b>	<b>38.1</b>	<b>39.0</b>
Acute and subacute endocarditis (I33)	3	2	1	0.6	0.8	0.4	0.5	0.7	0.3
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	1	1	0.4	0.4	0.4	0.3	0.4	0.3
Heart failure (I50)	121	40	81	22.7	15.1	30.1	19.8	17.6	21.4
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	107	51	56	20.0	19.3	20.8	18.2	19.3	16.9
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	28	10	18	5.2	3.8	6.7	4.6	4.4	4.8
Cerebrovascular diseases (I60-I69)	296	145	151	55.4	54.9	56.0	49.3	57.8	41.2
Atherosclerosis (I70)	22	12	10	4.1	4.5	3.7	3.6	5.0	2.7
<b>Other diseases of circulatory system (I71-I78)</b>	<b>70</b>	<b>48</b>	<b>22</b>	<b>13.1</b>	<b>18.2</b>	<b>8.2</b>	<b>11.7</b>	<b>19.6</b>	<b>5.8</b>
Aortic aneurysm and dissection (I71)	46	35	11	8.6	13.2	4.1	7.7	14.2	2.8
Other diseases of arteries, arterioles and capillaries (I72-I78)	24	13	11	4.5	4.9	4.1	4.0	5.3	3.0
Other disorders of circulatory system (I80-I99)	9	2	7	1.7	0.8	2.6	1.4	0.8	2.0
<b>Influenza and pneumonia (J10-J18)</b>	<b>61</b>	<b>33</b>	<b>28</b>	<b>11.4</b>	<b>12.5</b>	<b>10.4</b>	<b>10.0</b>	<b>15.6</b>	<b>7.4</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia (J12-J18)	61	33	28	11.4	12.5	10.4	10.0	15.6	7.4
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>0.7</b>	<b>1.1</b>	<b>0.4</b>	<b>0.6</b>	<b>1.4</b>	<b>0.2</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)	4	3	1	0.7	1.1	0.4	0.6	1.4	0.2
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>169</b>	<b>103</b>	<b>66</b>	<b>31.7</b>	<b>39.0</b>	<b>24.5</b>	<b>28.8</b>	<b>43.0</b>	<b>20.1</b>
Bronchitis, chronic and unspecified (J40-J42)	4	2	2	0.7	0.8	0.7	0.6	0.8	0.5
Emphysema (J43)	11	8	3	2.1	3.0	1.1	1.9	3.2	1.0
Asthma (J45-J46)	6	2	4	1.1	0.8	1.5	1.0	0.7	1.2
Other chronic lower respiratory diseases (J44, J47)	148	91	57	27.7	34.4	21.1	25.3	38.3	17.4
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	11	6	5	2.1	2.3	1.9	1.9	2.6	1.3
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	22	11	11	4.1	4.2	4.1	3.7	4.5	3.5
Peptic ulcer (K25-K28)	4	3	1	0.7	1.1	0.4	0.7	1.3	0.4
Diseases of appendix (K35-K38)	2	1	1	0.4	0.4	0.4	0.3	0.4	0.3
Hernia (K40-K46)	2	1	1	0.4	0.4	0.4	0.3	0.4	0.2
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>29</b>	<b>20</b>	<b>9</b>	<b>5.4</b>	<b>7.6</b>	<b>3.3</b>	<b>5.0</b>	<b>7.3</b>	<b>3.1</b>
Alcoholic liver disease (K70)	8	8	0	1.5	3.0	0.0	1.4	2.9	0.0
Other chronic liver disease and cirrhosis (K73-K74)	21	12	9	3.9	4.5	3.3	3.6	4.4	3.1
Cholelithiasis and other disorders of gallbladder (K80-K82)	5	2	3	0.9	0.8	1.1	0.8	0.8	0.9
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>87</b>	<b>46</b>	<b>41</b>	<b>16.3</b>	<b>17.4</b>	<b>15.2</b>	<b>14.3</b>	<b>18.7</b>	<b>11.4</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)	87	46	41	16.3	17.4	15.2	14.3	18.7	11.4
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)	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)	11	4	7	2.1	1.5	2.6	3.3	2.4	4.4
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	16	8	8	3.0	3.0	3.0	3.8	3.8	3.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	49	23	26	9.2	8.7	9.6	9.0	10.1	7.5
All other diseases (residual) <sup>7</sup>	295	134	161	55.3	50.7	59.7	50.2	54.4	46.9
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>136</b>	<b>85</b>	<b>51</b>	<b>25.5</b>	<b>32.2</b>	<b>18.9</b>	<b>24.0</b>	<b>32.6</b>	<b>15.4</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>42</b>	<b>28</b>	<b>14</b>	<b>7.9</b>	<b>10.6</b>	<b>5.2</b>	<b>7.7</b>	<b>10.5</b>	<b>4.8</b>
Motor vehicle accidents <sup>8</sup>	30	18	12	5.6	6.8	4.5	5.6	7.1	4.2
Other land transport accidents <sup>9</sup>	8	6	2	1.5	2.3	0.7	1.5	2.3	0.6
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	4	4	0	0.7	1.5	0.0	0.6	1.2	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>94</b>	<b>57</b>	<b>37</b>	<b>17.6</b>	<b>21.6</b>	<b>13.7</b>	<b>16.4</b>	<b>22.1</b>	<b>10.6</b>
Falls (W00-W19)	9	5	4	1.7	1.9	1.5	1.5	2.0	1.1
Accidental discharge of firearms (W32-W34)	1	1	0	0.2	0.4	0.0	0.2	0.3	0.0
Accidental drowning and submersion (W65-W74)	16	16	0	3.0	6.1	0.0	2.8	5.7	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	4	4	0	0.7	1.5	0.0	0.8	1.7	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)	11	4	7	2.1	1.5	2.6	2.0	1.5	2.6
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	53	27	26	9.9	10.2	9.6	9.0	10.8	7.0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>30</b>	<b>28</b>	<b>2</b>	<b>5.6</b>	<b>10.6</b>	<b>0.7</b>	<b>5.2</b>	<b>9.8</b>	<b>0.7</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	3	3	0	0.6	1.1	0.0	0.6	1.2	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	27	25	2	5.1	9.5	0.7	4.6	8.6	0.7
<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>0.1</b>	<b>0.0</b>	<b>0.3</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	0.1	0.0	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>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)	4	3	1	0.7	1.1	0.4	0.7	1.2	0.2

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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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 — Footnotes 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>1,160</b>	<b>617</b>	<b>543</b>	<b>835.1</b>	<b>905.3</b>	<b>767.5</b>	<b>639.3</b>	<b>865.4</b>	<b>464.7</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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Tuberculosis (A16-A19)</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>1.4</b>	<b>0.0</b>	<b>2.8</b>	<b>1.0</b>	<b>0.0</b>	<b>1.6</b>
Respiratory tuberculosis (A16)	2	0	2	1.4	0.0	2.8	1.0	0.0	1.6
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)	4	3	1	2.9	4.4	1.4	2.3	4.4	0.8
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)	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	1	0	0.7	1.5	0.0	0.4	1.3	0.0
<b>Malignant neoplasms (C00-C97)</b>	<b>270</b>	<b>156</b>	<b>114</b>	<b>194.4</b>	<b>228.9</b>	<b>161.1</b>	<b>159.4</b>	<b>215.8</b>	<b>118.5</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	5	5	0	3.6	7.3	0.0	2.8	6.1	0.0
Malignant neoplasm of oesophagus (C15)	2	1	1	1.4	1.5	1.4	1.1	1.0	1.2
Malignant neoplasm of stomach (C16)	6	4	2	4.3	5.9	2.8	3.6	5.8	2.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	22	16	6	15.8	23.5	8.5	12.3	21.7	5.1
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	3	1	2	2.2	1.5	2.8	1.7	1.4	2.0
Malignant neoplasm of pancreas (C25)	10	3	7	7.2	4.4	9.9	5.7	4.4	6.7
Malignant neoplasm of larynx (C32)	3	3	0	2.2	4.4	0.0	1.8	4.2	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	86	57	29	61.9	83.6	41.0	53.6	79.1	32.0
Malignant melanoma of skin (C43)	4	3	1	2.9	4.4	1.4	2.1	4.3	0.8
Malignant neoplasm of breast (C50)	26	0	26	18.7	0.0	36.8	15.5	0.0	29.0
Malignant neoplasm of cervix uteri (C53)	...	...	1	...	...	1.4	...	...	0.6
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	1	...	...	1.4	...	...	0.8
Malignant neoplasm of ovary (C56)	...	...	4	...	...	5.7	...	...	5.2
Malignant neoplasm of prostate (C61)	...	27	...	...	39.6	...	...	38.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	5	2	3	3.6	2.9	4.2	3.2	2.7	3.6
Malignant neoplasm of bladder (C67)	3	2	1	2.2	2.9	1.4	1.6	2.6	0.6
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	5	3	2	3.6	4.4	2.8	3.3	4.2	2.8
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>26</b>	<b>15</b>	<b>11</b>	<b>18.7</b>	<b>22.0</b>	<b>15.5</b>	<b>15.2</b>	<b>20.3</b>	<b>11.1</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)	11	5	6	7.9	7.3	8.5	6.0	6.6	5.0
Leukaemia (C91-C95)	9	6	3	6.5	8.8	4.2	5.6	8.5	3.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	6	4	2	4.3	5.9	2.8	3.6	5.3	2.8
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)	31	14	17	22.3	20.5	24.0	17.5	19.8	15.1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	6	5	1	4.3	7.3	1.4	3.5	6.5	1.5
Anaemias (D50-D64)	2	1	1	1.4	1.5	1.4	1.1	1.4	0.8
Diabetes mellitus (E10-E14)	26	15	11	18.7	22.0	15.5	16.2	21.0	11.5
<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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Parkinson's disease (G20-G21)	9	7	2	6.5	10.3	2.8	5.1	10.1	2.6
Alzheimer's disease (G30)	40	13	27	28.8	19.1	38.2	18.2	18.2	18.0
<b>Major cardiovascular diseases (I00-I78)</b>	<b>483</b>	<b>240</b>	<b>243</b>	<b>347.7</b>	<b>352.1</b>	<b>343.5</b>	<b>251.0</b>	<b>333.6</b>	<b>187.0</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>337</b>	<b>168</b>	<b>169</b>	<b>242.6</b>	<b>246.5</b>	<b>238.9</b>	<b>174.1</b>	<b>231.6</b>	<b>126.6</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	1	0	0.7	1.5	0.0	0.6	1.4	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>260</b>	<b>128</b>	<b>132</b>	<b>187.2</b>	<b>187.8</b>	<b>186.6</b>	<b>134.9</b>	<b>175.6</b>	<b>100.0</b>
Acute myocardial infarction (I21-I22)	107	47	60	77.0	69.0	84.8	54.5	62.7	45.9
Other acute ischaemic heart diseases (I24)	2	0	2	1.4	0.0	2.8	0.9	0.0	1.4

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>151</b>	<b>81</b>	<b>70</b>	<b>108.7</b>	<b>118.8</b>	<b>98.9</b>	<b>79.5</b>	<b>112.9</b>	<b>52.7</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	1	1	0	0.7	1.5	0.0	0.6	1.2	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	150	80	70	108.0	117.4	98.9	78.9	111.8	52.7
<b>Other heart diseases (I26-I51)</b>	<b>76</b>	<b>39</b>	<b>37</b>	<b>54.7</b>	<b>57.2</b>	<b>52.3</b>	<b>38.6</b>	<b>54.6</b>	<b>26.7</b>
Acute and subacute endocarditis (I33)	2	2	0	1.4	2.9	0.0	1.4	3.0	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)	38	16	22	27.4	23.5	31.1	17.4	22.4	14.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	36	21	15	25.9	30.8	21.2	19.8	29.2	12.7
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	4	2	2	2.9	2.9	2.8	2.1	2.9	1.4
Cerebrovascular diseases (I60-I69)	114	54	60	82.1	79.2	84.8	59.2	76.3	48.6
Atherosclerosis (I70)	1	1	0	0.7	1.5	0.0	0.4	1.3	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>27</b>	<b>15</b>	<b>12</b>	<b>19.4</b>	<b>22.0</b>	<b>17.0</b>	<b>15.3</b>	<b>21.5</b>	<b>10.4</b>
Aortic aneurysm and dissection (I71)	20	14	6	14.4	20.5	8.5	12.0	20.1	6.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	7	1	6	5.0	1.5	8.5	3.2	1.3	4.4
Other disorders of circulatory system (I80-I99)	2	1	1	1.4	1.5	1.4	1.2	1.4	0.8
<b>Influenza and pneumonia (J10-J18)</b>	<b>40</b>	<b>23</b>	<b>17</b>	<b>28.8</b>	<b>33.7</b>	<b>24.0</b>	<b>19.2</b>	<b>31.7</b>	<b>12.8</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia (J12-J18)	40	23	17	28.8	33.7	24.0	19.2	31.7	12.8
<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>49</b>	<b>31</b>	<b>18</b>	<b>35.3</b>	<b>45.5</b>	<b>25.4</b>	<b>26.3</b>	<b>44.0</b>	<b>14.7</b>
Bronchitis, chronic and unspecified (J40-J42)	2	1	1	1.4	1.5	1.4	0.8	1.4	0.6
Emphysema (J43)	3	2	1	2.2	2.9	1.4	2.1	2.9	1.2
Asthma (J45-J46)	4	2	2	2.9	2.9	2.8	2.1	2.8	1.2
Other chronic lower respiratory diseases (J44, J47)	40	26	14	28.8	38.1	19.8	21.2	36.9	11.7
Pneumoconioses and chemical effects (J60-J66, J68)	1	1	0	0.7	1.5	0.0	0.7	1.4	0.0
Pneumonitis due to solids and liquids (J69)	5	2	3	3.6	2.9	4.2	3.2	2.9	3.8
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	12	6	6	8.6	8.8	8.5	6.2	8.4	5.4
Peptic ulcer (K25-K28)	2	1	1	1.4	1.5	1.4	1.1	1.4	0.8
Diseases of appendix (K35-K38)	1	1	0	0.7	1.5	0.0	0.8	1.5	0.0
Hernia (K40-K46)	1	0	1	0.7	0.0	1.4	0.5	0.0	0.8
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>4.3</b>	<b>5.9</b>	<b>2.8</b>	<b>3.9</b>	<b>5.8</b>	<b>2.1</b>
Alcoholic liver disease (K70)	2	2	0	1.4	2.9	0.0	1.3	2.8	0.0
Other chronic liver disease and cirrhosis (K73-K74)	4	2	2	2.9	2.9	2.8	2.6	3.0	2.1
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>16</b>	<b>7</b>	<b>9</b>	<b>11.5</b>	<b>10.3</b>	<b>12.7</b>	<b>7.7</b>	<b>9.8</b>	<b>6.8</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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Renal failure (N17-N19)	16	7	9	11.5	10.3	12.7	7.7	9.8	6.8
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	1	1	0	0.7	1.5	0.0	0.5	1.5	0.0
Hyperplasia of prostate (N40)	...	1	...	...	1.5	...	...	1.4	...
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)	6	3	3	4.3	4.4	4.2	6.2	6.3	6.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	8	4	4	5.8	5.9	5.7	7.2	8.3	6.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	15	6	9	10.8	8.8	12.7	7.2	8.1	5.4
All other diseases (residual) <sup>7</sup>	82	37	45	59.0	54.3	63.6	44.1	51.5	35.0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>47</b>	<b>32</b>	<b>15</b>	<b>33.8</b>	<b>47.0</b>	<b>21.2</b>	<b>30.5</b>	<b>48.2</b>	<b>14.3</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>19</b>	<b>15</b>	<b>4</b>	<b>13.7</b>	<b>22.0</b>	<b>5.7</b>	<b>14.6</b>	<b>25.0</b>	<b>4.7</b>
Motor vehicle accidents <sup>8</sup>	17	13	4	12.2	19.1	5.7	12.8	21.4	4.7
Other land transport accidents <sup>9</sup>	2	2	0	1.4	2.9	0.0	1.8	3.6	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>28</b>	<b>17</b>	<b>11</b>	<b>20.2</b>	<b>24.9</b>	<b>15.5</b>	<b>15.9</b>	<b>23.1</b>	<b>9.6</b>
Falls (W00-W19)	5	3	2	3.6	4.4	2.8	2.4	4.3	1.2
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	1.4	2.9	0.0	1.4	2.8	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	2	2	0	1.4	2.9	0.0	1.8	3.6	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)	6	4	2	4.3	5.9	2.8	3.8	5.2	2.4
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	13	6	7	9.4	8.8	9.9	6.5	7.2	6.0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>15</b>	<b>13</b>	<b>2</b>	<b>10.8</b>	<b>19.1</b>	<b>2.8</b>	<b>9.5</b>	<b>16.7</b>	<b>2.3</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	7	7	0	5.0	10.3	0.0	4.3	8.5	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	8	6	2	5.8	8.8	2.8	5.2	8.1	2.3
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1.4</b>	<b>1.5</b>	<b>1.4</b>	<b>1.4</b>	<b>1.5</b>	<b>1.1</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	1.4	1.5	1.4	1.4	1.5	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>2</b>	<b>1</b>	<b>1</b>	<b>1.4</b>	<b>1.5</b>	<b>1.4</b>	<b>1.3</b>	<b>1.2</b>	<b>1.4</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)	2	1	1	1.4	1.5	1.4	1.3	1.2	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)	3	0	3	2.2	0.0	4.2	1.7	0.0	2.9

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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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 — Footnotes 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>7,879</b>	<b>3,923</b>	<b>3,956</b>	<b>835.6</b>	<b>849.6</b>	<b>822.2</b>	<b>645.7</b>	<b>818.6</b>	<b>519.5</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)	13	4	9	1.4	0.9	1.9	1.0	0.9	1.2
<b>Tuberculosis (A16-A19)</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>0.4</b>	<b>0.6</b>	<b>0.2</b>	<b>0.3</b>	<b>0.6</b>	<b>0.1</b>
Respiratory tuberculosis (A16)	4	3	1	0.4	0.6	0.2	0.3	0.6	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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	61	26	35	6.5	5.6	7.3	5.0	5.5	4.7
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	5	1	4	0.5	0.2	0.8	0.5	0.2	0.7
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>	15	5	10	1.6	1.1	2.1	1.2	1.0	1.5
<b>Malignant neoplasms (C00-C97)</b>	<b>2,282</b>	<b>1,222</b>	<b>1,060</b>	<b>242.0</b>	<b>264.6</b>	<b>220.3</b>	<b>196.2</b>	<b>250.9</b>	<b>160.4</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	39	31	8	4.1	6.7	1.7	3.5	6.4	1.3
Malignant neoplasm of oesophagus (C15)	51	45	6	5.4	9.7	1.2	4.4	9.0	0.9
Malignant neoplasm of stomach (C16)	51	31	20	5.4	6.7	4.2	4.2	6.3	2.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	192	97	95	20.4	21.0	19.7	15.9	19.8	12.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	29	19	10	3.1	4.1	2.1	2.5	4.0	1.5
Malignant neoplasm of pancreas (C25)	112	57	55	11.9	12.3	11.4	9.8	11.7	8.3
Malignant neoplasm of larynx (C32)	12	10	2	1.3	2.2	0.4	1.1	2.1	0.2
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	641	373	268	68.0	80.8	55.7	56.4	76.2	43.0
Malignant melanoma of skin (C43)	19	13	6	2.0	2.8	1.2	1.6	2.5	0.8
Malignant neoplasm of breast (C50)	170	3	167	18.0	0.6	34.7	14.5	0.6	25.7
Malignant neoplasm of cervix uteri (C53)	...	...	19	...	...	3.9	...	...	3.2
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	23	...	...	4.8	...	...	3.5
Malignant neoplasm of ovary (C56)	...	...	48	...	...	10.0	...	...	7.1
Malignant neoplasm of prostate (C61)	...	133	...	...	28.8	...	...	28.2	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	66	41	25	7.0	8.9	5.2	5.7	8.2	3.5
Malignant neoplasm of bladder (C67)	48	40	8	5.1	8.7	1.7	3.9	8.3	1.1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	59	34	25	6.3	7.4	5.2	5.3	6.7	4.1
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>188</b>	<b>105</b>	<b>83</b>	<b>19.9</b>	<b>22.7</b>	<b>17.3</b>	<b>16.1</b>	<b>21.3</b>	<b>12.4</b>
Hodgkin's disease (C81)	3	2	1	0.3	0.4	0.2	0.3	0.5	0.2
Non-Hodgkin's lymphoma (C82-C85)	69	41	28	7.3	8.9	5.8	6.1	8.2	4.5
Leukaemia (C91-C95)	63	34	29	6.7	7.4	6.0	5.2	7.0	4.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	52	27	25	5.5	5.8	5.2	4.4	5.5	3.7
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)	382	190	192	40.5	41.1	39.9	32.9	39.6	28.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	56	28	28	5.9	6.1	5.8	4.6	5.8	4.1
Anaemias (D50-D64)	15	8	7	1.6	1.7	1.5	1.1	1.9	0.7
Diabetes mellitus (E10-E14)	233	109	124	24.7	23.6	25.8	19.7	22.5	17.6
<b>Nutritional deficiencies (E40-E64)</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.4</b>	<b>0.7</b>	<b>0.4</b>
Malnutrition (E40-E46)	6	3	3	0.6	0.6	0.6	0.4	0.7	0.4
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	0.1	0.2	0.0	0.2	0.3	0.0
Parkinson's disease (G20-G21)	62	30	32	6.6	6.5	6.7	4.7	6.3	3.6
Alzheimer's disease (G30)	284	90	194	30.1	19.5	40.3	20.4	19.6	21.4
<b>Major cardiovascular diseases (I00-I78)</b>	<b>2,688</b>	<b>1,297</b>	<b>1,391</b>	<b>285.1</b>	<b>280.9</b>	<b>289.1</b>	<b>210.7</b>	<b>269.4</b>	<b>166.3</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>1,910</b>	<b>970</b>	<b>940</b>	<b>202.6</b>	<b>210.1</b>	<b>195.4</b>	<b>150.4</b>	<b>199.4</b>	<b>112.5</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	9	4	5	1.0	0.9	1.0	0.7	0.9	0.6
Hypertensive heart disease (I11)	17	4	13	1.8	0.9	2.7	1.2	0.7	1.3
Hypertensive heart and renal disease (I13)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
<b>Ischaemic heart diseases (I20-I25)</b>	<b>1,423</b>	<b>765</b>	<b>658</b>	<b>150.9</b>	<b>165.7</b>	<b>136.8</b>	<b>113.0</b>	<b>156.5</b>	<b>79.9</b>
Acute myocardial infarction (I21-I22)	659	361	298	69.9	78.2	61.9	53.4	73.0	37.5
Other acute ischaemic heart diseases (I24)	14	5	9	1.5	1.1	1.9	1.1	0.9	1.1

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>750</b>	<b>399</b>	<b>351</b>	<b>79.5</b>	<b>86.4</b>	<b>73.0</b>	<b>58.5</b>	<b>82.5</b>	<b>41.4</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	17	7	10	1.8	1.5	2.1	1.3	1.5	1.1
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	733	392	341	77.7	84.9	70.9	57.2	81.1	40.3
<b>Other heart diseases (I26-I51)</b>	<b>460</b>	<b>197</b>	<b>263</b>	<b>48.8</b>	<b>42.7</b>	<b>54.7</b>	<b>35.4</b>	<b>41.3</b>	<b>30.6</b>
Acute and subacute endocarditis (I33)	3	2	1	0.3	0.4	0.2	0.3	0.4	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	0	2	0.2	0.0	0.4	0.2	0.0	0.5
Heart failure (I50)	187	68	119	19.8	14.7	24.7	13.2	14.6	12.3
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	268	127	141	28.4	27.5	29.3	21.7	26.3	17.6
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	46	15	31	4.9	3.2	6.4	3.7	3.0	4.1
Cerebrovascular diseases (I60-I69)	537	201	336	57.0	43.5	69.8	40.7	43.3	39.2
Atherosclerosis (I70)	44	24	20	4.7	5.2	4.2	3.4	5.3	2.3
<b>Other diseases of circulatory system (I71-I78)</b>	<b>151</b>	<b>87</b>	<b>64</b>	<b>16.0</b>	<b>18.8</b>	<b>13.3</b>	<b>12.5</b>	<b>18.4</b>	<b>8.1</b>
Aortic aneurysm and dissection (I71)	88	50	38	9.3	10.8	7.9	7.5	10.5	5.2
Other diseases of arteries, arterioles and capillaries (I72-I78)	63	37	26	6.7	8.0	5.4	5.0	7.9	3.0
Other disorders of circulatory system (I80-I99)	13	6	7	1.4	1.3	1.5	1.1	1.3	0.9
<b>Influenza and pneumonia (J10-J18)</b>	<b>175</b>	<b>78</b>	<b>97</b>	<b>18.6</b>	<b>16.9</b>	<b>20.2</b>	<b>12.8</b>	<b>16.3</b>	<b>10.3</b>
Influenza (J10-J11)	3	2	1	0.3	0.4	0.2	0.3	0.4	0.2
Pneumonia (J12-J18)	172	76	96	18.2	16.5	20.0	12.6	15.9	10.1
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>0.5</b>	<b>0.6</b>	<b>0.4</b>	<b>0.4</b>	<b>0.6</b>	<b>0.2</b>
Acute bronchitis and bronchiolitis (J20-J21)	2	2	0	0.2	0.4	0.0	0.2	0.4	0.0
Unspecified acute lower respiratory infection (J22)	3	1	2	0.3	0.2	0.4	0.2	0.2	0.2
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>373</b>	<b>196</b>	<b>177</b>	<b>39.6</b>	<b>42.4</b>	<b>36.8</b>	<b>29.8</b>	<b>41.4</b>	<b>23.0</b>
Bronchitis, chronic and unspecified (J40-J42)	6	3	3	0.6	0.6	0.6	0.4	0.6	0.3
Emphysema (J43)	24	15	9	2.5	3.2	1.9	2.0	3.3	1.2
Asthma (J45-J46)	11	4	7	1.2	0.9	1.5	0.9	0.9	0.9
Other chronic lower respiratory diseases (J44, J47)	332	174	158	35.2	37.7	32.8	26.5	36.7	20.7
Pneumoconioses and chemical effects (J60-J66, J68)	5	5	0	0.5	1.1	0.0	0.4	1.0	0.0
Pneumonitis due to solids and liquids (J69)	30	17	13	3.2	3.7	2.7	2.3	3.6	1.4
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	76	35	41	8.1	7.6	8.5	6.3	7.2	5.5
Peptic ulcer (K25-K28)	16	5	11	1.7	1.1	2.3	1.2	1.0	1.3
Diseases of appendix (K35-K38)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
Hernia (K40-K46)	9	4	5	1.0	0.9	1.0	0.6	0.8	0.5
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>60</b>	<b>39</b>	<b>21</b>	<b>6.4</b>	<b>8.4</b>	<b>4.4</b>	<b>5.4</b>	<b>7.4</b>	<b>3.4</b>
Alcoholic liver disease (K70)	25	21	4	2.7	4.5	0.8	2.3	3.9	0.7
Other chronic liver disease and cirrhosis (K73-K74)	35	18	17	3.7	3.9	3.5	3.1	3.5	2.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	11	6	5	1.2	1.3	1.0	0.8	1.4	0.5
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>118</b>	<b>49</b>	<b>69</b>	<b>12.5</b>	<b>10.6</b>	<b>14.3</b>	<b>9.0</b>	<b>10.4</b>	<b>8.1</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	1	0	0.1	0.2	0.0	0.1	0.3	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	4	3	1	0.4	0.6	0.2	0.3	0.6	0.1
Renal failure (N17-N19)	112	45	67	11.9	9.7	13.9	8.5	9.5	7.9
Other disorders of kidney (N25, N27)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
Infections of kidney (N10-N12, N13.6, N15.1)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
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>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)	27	17	10	2.9	3.7	2.1	4.3	5.3	3.3
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	30	12	18	3.2	2.6	3.7	3.6	3.1	4.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	70	28	42	7.4	6.1	8.7	5.8	6.5	5.0
All other diseases (residual) <sup>7</sup>	718	298	420	76.1	64.5	87.3	56.7	62.2	52.3
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>286</b>	<b>190</b>	<b>96</b>	<b>30.3</b>	<b>41.1</b>	<b>20.0</b>	<b>25.3</b>	<b>40.6</b>	<b>12.2</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>87</b>	<b>68</b>	<b>19</b>	<b>9.2</b>	<b>14.7</b>	<b>3.9</b>	<b>8.9</b>	<b>14.3</b>	<b>3.5</b>
Motor vehicle accidents <sup>8</sup>	70	57	13	7.4	12.3	2.7	7.0	11.8	2.4
Other land transport accidents <sup>9</sup>	15	9	6	1.6	1.9	1.2	1.6	2.0	1.1
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	2	2	0	0.2	0.4	0.0	0.2	0.4	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>199</b>	<b>122</b>	<b>77</b>	<b>21.1</b>	<b>26.4</b>	<b>16.0</b>	<b>16.5</b>	<b>26.3</b>	<b>8.7</b>
Falls (W00-W19)	98	46	52	10.4	10.0	10.8	7.2	9.8	5.4
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	8	8	0	0.8	1.7	0.0	0.8	1.7	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	11	8	3	1.2	1.7	0.6	1.0	1.6	0.4

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)	16	15	1	1.7	3.2	0.2	1.6	3.1	0.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	66	45	21	7.0	9.7	4.4	5.9	10.0	2.7
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>93</b>	<b>77</b>	<b>16</b>	<b>9.9</b>	<b>16.7</b>	<b>3.3</b>	<b>9.8</b>	<b>16.5</b>	<b>3.3</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	19	19	0	2.0	4.1	0.0	2.0	4.2	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	74	58	16	7.8	12.6	3.3	7.7	12.3	3.3
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>12</b>	<b>11</b>	<b>1</b>	<b>1.3</b>	<b>2.4</b>	<b>0.2</b>	<b>1.4</b>	<b>2.6</b>	<b>0.3</b>
Assault (homicide) by discharge of firearms (X93-X95)	1	1	0	0.1	0.2	0.0	0.1	0.3	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	11	10	1	1.2	2.2	0.2	1.3	2.3	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>13</b>	<b>8</b>	<b>5</b>	<b>1.4</b>	<b>1.7</b>	<b>1.0</b>	<b>1.3</b>	<b>1.6</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)	13	8	5	1.4	1.7	1.0	1.3	1.6	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)	4	4	0	0.4	0.9	0.0	0.3	0.8	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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 — Footnotes 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)</b> <sup>3, 4, 5</sup>	<b>6,062</b>	<b>3,131</b>	<b>2,931</b>	<b>801.9</b>	<b>837.5</b>	<b>767.1</b>	<b>639.3</b>	<b>829.8</b>	<b>497.6</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)	4	1	3	0.5	0.3	0.8	0.4	0.3	0.4
<b>Tuberculosis (A16-A19)</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>0.4</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>
Respiratory tuberculosis (A16)	2	1	1	0.3	0.3	0.3	0.2	0.3	0.2
Other tuberculosis (A17-A19)	1	0	1	0.1	0.0	0.3	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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	28	11	17	3.7	2.9	4.4	2.9	2.9	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)	4	1	3	0.5	0.3	0.8	0.4	0.2	0.6
Human immunodeficiency virus [HIV] disease (B20-B24)	2	2	0	0.3	0.5	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>	16	5	11	2.1	1.3	2.9	1.7	1.4	1.8
<b>Malignant neoplasms (C00-C97)</b>	<b>1,689</b>	<b>922</b>	<b>767</b>	<b>223.4</b>	<b>246.6</b>	<b>200.7</b>	<b>185.6</b>	<b>240.9</b>	<b>148.1</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	19	14	5	2.5	3.7	1.3	2.0	3.6	0.9
Malignant neoplasm of oesophagus (C15)	36	26	10	4.8	7.0	2.6	4.0	6.9	1.6
Malignant neoplasm of stomach (C16)	50	30	20	6.6	8.0	5.2	5.4	7.9	3.7
Malignant neoplasms of colon, rectum and anus (C18-C21)	161	80	81	21.3	21.4	21.2	17.2	20.4	15.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	21	18	3	2.8	4.8	0.8	2.4	4.7	0.5
Malignant neoplasm of pancreas (C25)	75	35	40	9.9	9.4	10.5	8.4	9.2	8.1
Malignant neoplasm of larynx (C32)	14	10	4	1.9	2.7	1.0	1.6	2.6	0.9
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	490	310	180	64.8	82.9	47.1	55.8	80.6	36.8
Malignant melanoma of skin (C43)	9	5	4	1.2	1.3	1.0	1.1	1.3	1.0
Malignant neoplasm of breast (C50)	112	2	110	14.8	0.5	28.8	12.0	0.6	21.2
Malignant neoplasm of cervix uteri (C53)	...	...	14	...	...	3.7	...	...	2.9
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	20	...	...	5.2	...	...	3.9
Malignant neoplasm of ovary (C56)	...	...	44	...	...	11.5	...	...	8.6
Malignant neoplasm of prostate (C61)	...	123	...	...	32.9	...	...	33.1	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	42	25	17	5.6	6.7	4.4	4.5	6.7	2.7
Malignant neoplasm of bladder (C67)	31	22	9	4.1	5.9	2.4	3.2	5.9	1.6
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	34	18	16	4.5	4.8	4.2	3.8	4.6	3.1
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>168</b>	<b>86</b>	<b>82</b>	<b>22.2</b>	<b>23.0</b>	<b>21.5</b>	<b>18.3</b>	<b>22.4</b>	<b>15.3</b>
Hodgkin's disease (C81)	4	1	3	0.5	0.3	0.8	0.4	0.2	0.7
Non-Hodgkin's lymphoma (C82-C85)	88	47	41	11.6	12.6	10.7	9.8	12.3	7.7
Leukaemia (C91-C95)	52	27	25	6.9	7.2	6.5	5.6	7.1	4.8
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	24	11	13	3.2	2.9	3.4	2.4	2.8	2.2
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	226	118	108	29.9	31.6	28.3	24.3	30.6	20.2
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	46	24	22	6.1	6.4	5.8	5.0	6.0	4.1
Anaemias (D50-D64)	19	9	10	2.5	2.4	2.6	1.8	2.7	1.5
Diabetes mellitus (E10-E14)	207	106	101	27.4	28.4	26.4	22.1	27.3	17.5
<b>Nutritional deficiencies (E40-E64)</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>0.7</b>	<b>0.8</b>	<b>0.5</b>	<b>0.5</b>	<b>0.9</b>	<b>0.3</b>
Malnutrition (E40-E46)	5	3	2	0.7	0.8	0.5	0.5	0.9	0.3
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningitis (G00, G03)	1	1	0	0.1	0.3	0.0	0.1	0.2	0.0
Parkinson's disease (G20-G21)	35	21	14	4.6	5.6	3.7	3.6	5.8	2.2
Alzheimer's disease (G30)	176	60	116	23.3	16.0	30.4	16.7	16.3	17.0
<b>Major cardiovascular diseases (I00-I78)</b>	<b>2,112</b>	<b>1,049</b>	<b>1,063</b>	<b>279.4</b>	<b>280.6</b>	<b>278.2</b>	<b>212.5</b>	<b>276.5</b>	<b>163.5</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>1,533</b>	<b>796</b>	<b>737</b>	<b>202.8</b>	<b>212.9</b>	<b>192.9</b>	<b>155.5</b>	<b>208.4</b>	<b>114.0</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	11	3	8	1.5	0.8	2.1	1.1	0.8	1.2
Hypertensive heart disease (I11)	14	3	11	1.9	0.8	2.9	1.2	0.8	1.3
Hypertensive heart and renal disease (I13)	5	3	2	0.7	0.8	0.5	0.5	0.7	0.3
<b>Ischaemic heart diseases (I20-I25)</b>	<b>1,055</b>	<b>585</b>	<b>470</b>	<b>139.6</b>	<b>156.5</b>	<b>123.0</b>	<b>107.8</b>	<b>152.9</b>	<b>73.3</b>
Acute myocardial infarction (I21-I22)	525	301	224	69.4	80.5	58.6	55.0	78.5	36.1
Other acute ischaemic heart diseases (I24)	11	6	5	1.5	1.6	1.3	1.1	1.5	0.7

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>519</b>	<b>278</b>	<b>241</b>	<b>68.7</b>	<b>74.4</b>	<b>63.1</b>	<b>51.7</b>	<b>73.0</b>	<b>36.5</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	2	2	0	0.3	0.5	0.0	0.2	0.5	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	517	276	241	68.4	73.8	63.1	51.4	72.5	36.5
<b>Other heart diseases (I26-I51)</b>	<b>448</b>	<b>202</b>	<b>246</b>	<b>59.3</b>	<b>54.0</b>	<b>64.4</b>	<b>45.0</b>	<b>53.2</b>	<b>37.9</b>
Acute and subacute endocarditis (I33)	2	2	0	0.3	0.5	0.0	0.2	0.5	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	4	3	1	0.5	0.8	0.3	0.5	0.7	0.2
Heart failure (I50)	163	60	103	21.6	16.0	27.0	15.6	16.6	14.7
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	279	137	142	36.9	36.6	37.2	28.7	35.4	23.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	19	7	12	2.5	1.9	3.1	1.9	1.8	1.9
Cerebrovascular diseases (I60-I69)	445	174	271	58.9	46.5	70.9	43.6	47.6	41.1
Atherosclerosis (I70)	12	7	5	1.6	1.9	1.3	1.2	1.8	0.6
<b>Other diseases of circulatory system (I71-I78)</b>	<b>103</b>	<b>65</b>	<b>38</b>	<b>13.6</b>	<b>17.4</b>	<b>9.9</b>	<b>10.2</b>	<b>16.9</b>	<b>5.8</b>
Aortic aneurysm and dissection (I71)	57	43	14	7.5	11.5	3.7	5.7	11.2	2.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	46	22	24	6.1	5.9	6.3	4.5	5.8	3.7
Other disorders of circulatory system (I80-I99)	6	3	3	0.8	0.8	0.8	0.6	0.8	0.4
<b>Influenza and pneumonia (J10-J18)</b>	<b>104</b>	<b>45</b>	<b>59</b>	<b>13.8</b>	<b>12.0</b>	<b>15.4</b>	<b>10.2</b>	<b>12.3</b>	<b>9.4</b>
Influenza (J10-J11)	6	1	5	0.8	0.3	1.3	0.7	0.4	1.1
Pneumonia (J12-J18)	98	44	54	13.0	11.8	14.1	9.5	12.0	8.3
<b>Other acute lower respiratory infections (J20-J22)</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>0.4</b>	<b>0.3</b>
Acute bronchitis and bronchiolitis (J20-J21)	3	1	2	0.4	0.3	0.5	0.3	0.2	0.3
Unspecified acute lower respiratory infection (J22)	1	1	0	0.1	0.3	0.0	0.1	0.3	0.0
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>297</b>	<b>178</b>	<b>119</b>	<b>39.3</b>	<b>47.6</b>	<b>31.1</b>	<b>30.7</b>	<b>48.9</b>	<b>20.5</b>
Bronchitis, chronic and unspecified (J40-J42)	1	1	0	0.1	0.3	0.0	0.1	0.3	0.0
Emphysema (J43)	28	17	11	3.7	4.5	2.9	3.1	4.8	2.3
Asthma (J45-J46)	11	4	7	1.5	1.1	1.8	1.0	1.1	1.1
Other chronic lower respiratory diseases (J44, J47)	257	156	101	34.0	41.7	26.4	26.5	42.7	17.1
Pneumoconioses and chemical effects (J60-J66, J68)	5	4	1	0.7	1.1	0.3	0.6	1.1	0.2
Pneumonitis due to solids and liquids (J69)	16	11	5	2.1	2.9	1.3	1.7	3.1	1.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	69	37	32	9.1	9.9	8.4	7.1	9.7	5.5
Peptic ulcer (K25-K28)	6	4	2	0.8	1.1	0.5	0.6	1.0	0.4
Diseases of appendix (K35-K38)	1	0	1	0.1	0.0	0.3	0.1	0.0	0.2
Hernia (K40-K46)	6	1	5	0.8	0.3	1.3	0.6	0.3	0.7
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>57</b>	<b>35</b>	<b>22</b>	<b>7.5</b>	<b>9.4</b>	<b>5.8</b>	<b>6.6</b>	<b>9.0</b>	<b>4.3</b>
Alcoholic liver disease (K70)	26	21	5	3.4	5.6	1.3	3.1	5.2	1.1
Other chronic liver disease and cirrhosis (K73-K74)	31	14	17	4.1	3.7	4.4	3.5	3.8	3.2
Cholelithiasis and other disorders of gallbladder (K80-K82)	9	3	6	1.2	0.8	1.6	1.0	1.0	1.2
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>100</b>	<b>54</b>	<b>46</b>	<b>13.2</b>	<b>14.4</b>	<b>12.0</b>	<b>10.0</b>	<b>14.9</b>	<b>7.1</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)	2	2	0	0.3	0.5	0.0	0.2	0.5	0.0
Renal failure (N17-N19)	98	52	46	13.0	13.9	12.0	9.8	14.4	7.1
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	2	1	1	0.3	0.3	0.3	0.2	0.3	0.2
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)	18	10	8	2.4	2.7	2.1	3.6	3.9	3.3
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	18	11	7	2.4	2.9	1.8	2.6	3.3	2.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	102	34	68	13.5	9.1	17.8	10.5	9.4	10.5
All other diseases (residual) <sup>7</sup>	523	214	309	69.2	57.2	80.9	53.4	57.2	49.5
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>252</b>	<b>175</b>	<b>77</b>	<b>33.3</b>	<b>46.8</b>	<b>20.2</b>	<b>30.1</b>	<b>47.1</b>	<b>14.1</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>113</b>	<b>88</b>	<b>25</b>	<b>14.9</b>	<b>23.5</b>	<b>6.5</b>	<b>15.0</b>	<b>24.2</b>	<b>6.1</b>
Motor vehicle accidents <sup>8</sup>	99	77	22	13.1	20.6	5.8	13.3	21.4	5.2
Other land transport accidents <sup>9</sup>	9	8	1	1.2	2.1	0.3	1.1	2.1	0.4
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	5	3	2	0.7	0.8	0.5	0.6	0.7	0.5
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>139</b>	<b>87</b>	<b>52</b>	<b>18.4</b>	<b>23.3</b>	<b>13.6</b>	<b>15.0</b>	<b>23.0</b>	<b>8.1</b>
Falls (W00-W19)	35	19	16	4.6	5.1	4.2	3.5	5.2	2.3
Accidental discharge of firearms (W32-W34)	1	0	1	0.1	0.0	0.3	0.2	0.0	0.3
Accidental drowning and submersion (W65-W74)	9	8	1	1.2	2.1	0.3	1.2	2.2	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	8	6	2	1.1	1.6	0.5	1.0	1.7	0.4

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)	9	7	2	1.2	1.9	0.5	1.1	1.6	0.6
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	77	47	30	10.2	12.6	7.9	8.1	12.3	4.3
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>98</b>	<b>78</b>	<b>20</b>	<b>13.0</b>	<b>20.9</b>	<b>5.2</b>	<b>12.4</b>	<b>20.1</b>	<b>4.8</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	24	20	4	3.2	5.3	1.0	3.0	5.1	1.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	74	58	16	9.8	15.5	4.2	9.4	15.1	3.8
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>8</b>	<b>7</b>	<b>1</b>	<b>1.1</b>	<b>1.9</b>	<b>0.3</b>	<b>1.0</b>	<b>1.6</b>	<b>0.3</b>
Assault (homicide) by discharge of firearms (X93-X95)	3	2	1	0.4	0.5	0.3	0.4	0.4	0.3
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	5	5	0	0.7	1.3	0.0	0.7	1.3	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>2</b>	<b>0</b>	<b>2</b>	<b>0.3</b>	<b>0.0</b>	<b>0.5</b>	<b>0.3</b>	<b>0.0</b>	<b>0.6</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)	2	0	2	0.3	0.0	0.5	0.3	0.0	0.6
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	10	6	4	1.3	1.6	1.0	1.1	1.7	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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 — Footnotes 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>54,194</b>	<b>27,346</b>	<b>26,848</b>	<b>730.6</b>	<b>746.8</b>	<b>714.8</b>	<b>618.1</b>	<b>795.9</b>	<b>491.9</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)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	120	51	69	1.6	1.4	1.8	1.3	1.7	1.2
<b>Tuberculosis (A16-A19)</b>	<b>13</b>	<b>8</b>	<b>5</b>	<b>0.2</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
Respiratory tuberculosis (A16)	10	7	3	0.1	0.2	0.1	0.1	0.2	0.1
Other tuberculosis (A17-A19)	3	1	2	0.0	0.0	0.1	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	9	5	4	0.1	0.1	0.1	0.2	0.2	0.1
Septicaemia (A40-A41)	299	144	155	4.0	3.9	4.1	3.4	4.4	2.7
Syphilis (A50-A53)	1	1	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)	56	35	21	0.8	1.0	0.6	0.6	0.9	0.4
Human immunodeficiency virus [HIV] disease (B20-B24)	114	92	22	1.5	2.5	0.6	1.4	2.2	0.5
Malaria (B50-B54)	1	1	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>	148	68	80	2.0	1.9	2.1	1.7	2.0	1.6
<b>Malignant neoplasms (C00-C97)</b>	<b>17,207</b>	<b>9,208</b>	<b>7,999</b>	<b>232.0</b>	<b>251.5</b>	<b>213.0</b>	<b>196.7</b>	<b>255.9</b>	<b>158.4</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	274	186	88	3.7	5.1	2.3	3.1	4.8	1.7
Malignant neoplasm of oesophagus (C15)	259	194	65	3.5	5.3	1.7	3.0	5.2	1.2
Malignant neoplasm of stomach (C16)	508	312	196	6.8	8.5	5.2	5.8	8.5	3.8
Malignant neoplasms of colon, rectum and anus (C18-C21)	1,997	1,020	977	26.9	27.9	26.0	22.7	28.2	18.5
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	376	237	139	5.1	6.5	3.7	4.3	6.4	2.7
Malignant neoplasm of pancreas (C25)	831	408	423	11.2	11.1	11.3	9.5	11.2	8.2
Malignant neoplasm of larynx (C32)	176	147	29	2.4	4.0	0.8	2.0	4.0	0.6
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	4,960	3,118	1,842	66.9	85.2	49.0	57.1	84.6	38.1
Malignant melanoma of skin (C43)	145	77	68	2.0	2.1	1.8	1.7	2.0	1.5
Malignant neoplasm of breast (C50)	1,346	11	1,335	18.1	0.3	35.5	15.1	0.3	26.6
Malignant neoplasm of cervix uteri (C53)	...	...	66	...	...	1.8	...	...	1.4
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	179	...	...	4.8	...	...	3.5
Malignant neoplasm of ovary (C56)	...	...	302	...	...	8.0	...	...	6.2
Malignant neoplasm of prostate (C61)	...	803	...	...	21.9	...	...	24.9	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	342	203	139	4.6	5.5	3.7	3.9	5.5	2.8
Malignant neoplasm of bladder (C67)	373	244	129	5.0	6.7	3.4	4.2	7.4	2.3
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	435	248	187	5.9	6.8	5.0	5.1	6.4	4.0
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>1,489</b>	<b>788</b>	<b>701</b>	<b>20.1</b>	<b>21.5</b>	<b>18.7</b>	<b>17.2</b>	<b>21.9</b>	<b>13.9</b>
Hodgkin's disease (C81)	40	26	14	0.5	0.7	0.4	0.5	0.7	0.3
Non-Hodgkin's lymphoma (C82-C85)	629	338	291	8.5	9.2	7.7	7.2	9.2	5.7
Leukaemia (C91-C95)	534	285	249	7.2	7.8	6.6	6.2	8.1	5.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	285	138	147	3.8	3.8	3.9	3.2	3.9	2.9
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	2,346	1,212	1,134	31.6	33.1	30.2	26.7	34.6	21.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	332	148	184	4.5	4.0	4.9	3.8	4.4	3.4
Anaemias (D50-D64)	153	60	93	2.1	1.6	2.5	1.7	2.1	1.6
Diabetes mellitus (E10-E14)	1,760	814	946	23.7	22.2	25.2	19.8	23.7	17.0
<b>Nutritional deficiencies (E40-E64)</b>	<b>89</b>	<b>44</b>	<b>45</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.0</b>	<b>1.4</b>	<b>0.7</b>
Malnutrition (E40-E46)	79	38	41	1.1	1.0	1.1	0.9	1.2	0.7
Other nutritional deficiencies (E50-E64)	10	6	4	0.1	0.2	0.1	0.1	0.2	0.1
Meningitis (G00, G03)	11	7	4	0.1	0.2	0.1	0.1	0.2	0.1
Parkinson's disease (G20-G21)	435	227	208	5.9	6.2	5.5	4.8	7.3	3.5
Alzheimer's disease (G30)	1,689	476	1,213	22.8	13.0	32.3	18.4	16.0	19.3
<b>Major cardiovascular diseases (I00-I78)</b>	<b>16,342</b>	<b>7,953</b>	<b>8,389</b>	<b>220.3</b>	<b>217.2</b>	<b>223.3</b>	<b>182.8</b>	<b>235.9</b>	<b>144.1</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>12,148</b>	<b>6,106</b>	<b>6,042</b>	<b>163.8</b>	<b>166.8</b>	<b>160.9</b>	<b>136.0</b>	<b>179.6</b>	<b>103.9</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	138	40	98	1.9	1.1	2.6	1.6	1.1	1.9
Hypertensive heart disease (I11)	83	26	57	1.1	0.7	1.5	0.9	0.8	1.0
Hypertensive heart and renal disease (I13)	34	10	24	0.5	0.3	0.6	0.4	0.3	0.4
<b>Ischaemic heart diseases (I20-I25)</b>	<b>9,170</b>	<b>4,873</b>	<b>4,297</b>	<b>123.6</b>	<b>133.1</b>	<b>114.4</b>	<b>102.7</b>	<b>142.4</b>	<b>73.9</b>
Acute myocardial infarction (I21-I22)	5,190	2,863	2,327	70.0	78.2	62.0	58.4	81.7	41.0
Other acute ischaemic heart diseases (I24)	237	135	102	3.2	3.7	2.7	2.7	3.8	1.8

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>3,743</b>	<b>1,875</b>	<b>1,868</b>	<b>50.5</b>	<b>51.2</b>	<b>49.7</b>	<b>41.7</b>	<b>57.0</b>	<b>31.1</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	12	10	2	0.2	0.3	0.1	0.1	0.3	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,731	1,865	1,866	50.3	50.9	49.7	41.5	56.7	31.1
<b>Other heart diseases (I26-I51)</b>	<b>2,723</b>	<b>1,157</b>	<b>1,566</b>	<b>36.7</b>	<b>31.6</b>	<b>41.7</b>	<b>30.5</b>	<b>34.9</b>	<b>26.8</b>
Acute and subacute endocarditis (I33)	19	9	10	0.3	0.2	0.3	0.2	0.3	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	20	16	4	0.3	0.4	0.1	0.2	0.4	0.1
Heart failure (I50)	1,065	425	640	14.4	11.6	17.0	11.7	13.5	10.4
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,619	707	912	21.8	19.3	24.3	18.2	20.8	16.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	246	92	154	3.3	2.5	4.1	2.7	2.9	2.5
Cerebrovascular diseases (I60-I69)	3,047	1,262	1,785	41.1	34.5	47.5	33.9	38.4	30.5
Atherosclerosis (I70)	210	97	113	2.8	2.6	3.0	2.3	3.0	1.9
<b>Other diseases of circulatory system (I71-I78)</b>	<b>691</b>	<b>396</b>	<b>295</b>	<b>9.3</b>	<b>10.8</b>	<b>7.9</b>	<b>7.8</b>	<b>12.0</b>	<b>5.2</b>
Aortic aneurysm and dissection (I71)	468	291	177	6.3	7.9	4.7	5.3	8.7	3.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	223	105	118	3.0	2.9	3.1	2.5	3.3	2.1
Other disorders of circulatory system (I80-I99)	84	38	46	1.1	1.0	1.2	1.0	1.1	0.8
<b>Influenza and pneumonia (J10-J18)</b>	<b>762</b>	<b>337</b>	<b>425</b>	<b>10.3</b>	<b>9.2</b>	<b>11.3</b>	<b>8.4</b>	<b>11.2</b>	<b>7.0</b>
Influenza (J10-J11)	20	7	13	0.3	0.2	0.3	0.2	0.3	0.2
Pneumonia (J12-J18)	742	330	412	10.0	9.0	11.0	8.2	10.9	6.8
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>42</b>	<b>19</b>	<b>23</b>	<b>0.6</b>	<b>0.5</b>	<b>0.6</b>	<b>0.5</b>	<b>0.6</b>	<b>0.4</b>
Acute bronchitis and bronchiolitis (J20-J21)	25	11	14	0.3	0.3	0.4	0.3	0.4	0.2
Unspecified acute lower respiratory infection (J22)	17	8	9	0.2	0.2	0.2	0.2	0.3	0.1
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>2,747</b>	<b>1,524</b>	<b>1,223</b>	<b>37.0</b>	<b>41.6</b>	<b>32.6</b>	<b>31.0</b>	<b>47.5</b>	<b>22.2</b>
Bronchitis, chronic and unspecified (J40-J42)	85	36	49	1.1	1.0	1.3	0.9	1.1	0.8
Emphysema (J43)	214	138	76	2.9	3.8	2.0	2.5	4.1	1.5
Asthma (J45-J46)	51	13	38	0.7	0.4	1.0	0.6	0.4	0.8
Other chronic lower respiratory diseases (J44, J47)	2,397	1,337	1,060	32.3	36.5	28.2	26.9	41.9	19.1
Pneumoconioses and chemical effects (J60-J66, J68)	15	15	0	0.2	0.4	0.0	0.2	0.4	0.0
Pneumonitis due to solids and liquids (J69)	141	68	73	1.9	1.9	1.9	1.6	2.1	1.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	493	275	218	6.6	7.5	5.8	5.6	8.2	4.0
Peptic ulcer (K25-K28)	83	54	29	1.1	1.5	0.8	0.9	1.5	0.5
Diseases of appendix (K35-K38)	10	7	3	0.1	0.2	0.1	0.1	0.2	0.1
Hernia (K40-K46)	49	26	23	0.7	0.7	0.6	0.5	0.8	0.4
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>533</b>	<b>353</b>	<b>180</b>	<b>7.2</b>	<b>9.6</b>	<b>4.8</b>	<b>6.1</b>	<b>8.9</b>	<b>3.7</b>
Alcoholic liver disease (K70)	223	174	49	3.0	4.8	1.3	2.5	4.2	1.1
Other chronic liver disease and cirrhosis (K73-K74)	310	179	131	4.2	4.9	3.5	3.6	4.7	2.6
Cholelithiasis and other disorders of gallbladder (K80-K82)	102	47	55	1.4	1.3	1.5	1.1	1.4	0.9
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>873</b>	<b>471</b>	<b>402</b>	<b>11.8</b>	<b>12.9</b>	<b>10.7</b>	<b>9.7</b>	<b>15.2</b>	<b>7.0</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	3	1	2	0.0	0.0	0.1	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)	6	4	2	0.1	0.1	0.1	0.1	0.1	0.0
Renal failure (N17-N19)	861	464	397	11.6	12.7	10.6	9.6	15.0	6.9
Other disorders of kidney (N25, N27)	3	2	1	0.0	0.1	0.0	0.0	0.1	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	29	8	21	0.4	0.2	0.6	0.3	0.3	0.4
Hyperplasia of prostate (N40)	...	9	...	...	0.2	...	...	0.3	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	3	...	...	0.1	...	...	0.0
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>3</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)	...	...	3	...	...	0.1	...	...	0.1
Certain conditions originating in the perinatal period (P00-P96)	208	109	99	2.8	3.0	2.6	4.0	4.1	3.9
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	185	102	83	2.5	2.8	2.2	2.9	3.2	2.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	466	247	219	6.3	6.7	5.8	5.4	7.0	4.1
All other diseases (residual) <sup>7</sup>	5,224	1,997	3,227	70.4	54.5	85.9	58.5	60.5	55.6
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>1,805</b>	<b>1,105</b>	<b>700</b>	<b>24.3</b>	<b>30.2</b>	<b>18.6</b>	<b>22.2</b>	<b>31.8</b>	<b>13.7</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>637</b>	<b>468</b>	<b>169</b>	<b>8.6</b>	<b>12.8</b>	<b>4.5</b>	<b>8.6</b>	<b>12.9</b>	<b>4.4</b>
Motor vehicle accidents <sup>8</sup>	590	429	161	8.0	11.7	4.3	8.0	11.8	4.2
Other land transport accidents <sup>9</sup>	13	12	1	0.2	0.3	0.0	0.2	0.3	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	34	27	7	0.5	0.7	0.2	0.4	0.7	0.2
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>1,168</b>	<b>637</b>	<b>531</b>	<b>15.7</b>	<b>17.4</b>	<b>14.1</b>	<b>13.6</b>	<b>18.9</b>	<b>9.3</b>
Falls (W00-W19)	246	153	93	3.3	4.2	2.5	2.8	4.4	1.6
Accidental discharge of firearms (W32-W34)	7	7	0	0.1	0.2	0.0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	50	42	8	0.7	1.1	0.2	0.7	1.2	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	52	25	27	0.7	0.7	0.7	0.7	0.6	0.7

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
Accidental poisoning and exposure to noxious substances (X40-X49)	105	79	26	1.4	2.2	0.7	1.4	2.1	0.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	708	331	377	9.5	9.0	10.0	8.0	10.4	6.1
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>1,306</b>	<b>1,031</b>	<b>275</b>	<b>17.6</b>	<b>28.2</b>	<b>7.3</b>	<b>16.7</b>	<b>26.6</b>	<b>6.9</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	200	187	13	2.7	5.1	0.3	2.4	4.6	0.4
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	1,106	844	262	14.9	23.1	7.0	14.2	22.0	6.5
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>122</b>	<b>87</b>	<b>35</b>	<b>1.6</b>	<b>2.4</b>	<b>0.9</b>	<b>1.7</b>	<b>2.5</b>	<b>1.0</b>
Assault (homicide) by discharge of firearms (X93-X95)	52	41	11	0.7	1.1	0.3	0.8	1.2	0.3
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	70	46	24	0.9	1.3	0.6	1.0	1.3	0.7
Legal intervention (Y35, Y89.0)	2	2	0	0.0	0.1	0.0	0.0	0.1	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>82</b>	<b>57</b>	<b>25</b>	<b>1.1</b>	<b>1.6</b>	<b>0.7</b>	<b>1.0</b>	<b>1.4</b>	<b>0.6</b>
Discharge of firearms, undetermined intent (Y22-Y24)	5	5	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)	77	52	25	1.0	1.4	0.7	1.0	1.3	0.6
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	36	16	20	0.5	0.4	0.5	0.4	0.5	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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 — Footnotes 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>81,214</b>	<b>40,801</b>	<b>40,413</b>	<b>682.8</b>	<b>694.9</b>	<b>670.9</b>	<b>591.1</b>	<b>732.3</b>	<b>484.9</b>
Salmonella infections (A01-A02)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	96	39	57	0.8	0.7	0.9	0.7	0.8	0.6
<b>Tuberculosis (A16-A19)</b>	<b>47</b>	<b>31</b>	<b>16</b>	<b>0.4</b>	<b>0.5</b>	<b>0.3</b>	<b>0.3</b>	<b>0.5</b>	<b>0.2</b>
Respiratory tuberculosis (A16)	36	26	10	0.3	0.4	0.2	0.3	0.5	0.1
Other tuberculosis (A17-A19)	11	5	6	0.1	0.1	0.1	0.1	0.1	0.1
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	7	2	5	0.1	0.0	0.1	0.1	0.0	0.1
Septicaemia (A40-A41)	618	269	349	5.2	4.6	5.8	4.5	4.9	4.2
Syphilis (A50-A53)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	135	79	56	1.1	1.3	0.9	1.0	1.2	0.8
Human immunodeficiency virus [HIV] disease (B20-B24)	156	136	20	1.3	2.3	0.3	1.2	2.2	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>	127	59	68	1.1	1.0	1.1	0.9	1.1	0.8
<b>Malignant neoplasms (C00-C97)</b>	<b>23,675</b>	<b>12,415</b>	<b>11,260</b>	<b>199.0</b>	<b>211.4</b>	<b>186.9</b>	<b>175.5</b>	<b>215.7</b>	<b>147.7</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	407	284	123	3.4	4.8	2.0	3.1	4.8	1.7
Malignant neoplasm of oesophagus (C15)	576	425	151	4.8	7.2	2.5	4.3	7.2	2.0
Malignant neoplasm of stomach (C16)	664	414	250	5.6	7.1	4.2	4.9	7.1	3.2
Malignant neoplasms of colon, rectum and anus (C18-C21)	2,418	1,277	1,141	20.3	21.7	18.9	17.7	22.2	14.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	525	333	192	4.4	5.7	3.2	3.9	5.7	2.5
Malignant neoplasm of pancreas (C25)	1,172	597	575	9.9	10.2	9.5	8.7	10.2	7.3
Malignant neoplasm of larynx (C32)	177	158	19	1.5	2.7	0.3	1.3	2.7	0.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	5,873	3,421	2,452	49.4	58.3	40.7	44.2	58.6	33.2
Malignant melanoma of skin (C43)	320	203	117	2.7	3.5	1.9	2.4	3.4	1.6
Malignant neoplasm of breast (C50)	1,889	18	1,871	15.9	0.3	31.1	13.9	0.3	24.8
Malignant neoplasm of cervix uteri (C53)	...	...	165	...	...	2.7	...	...	2.3
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	258	...	...	4.3	...	...	3.4
Malignant neoplasm of ovary (C56)	...	...	615	...	...	10.2	...	...	8.2
Malignant neoplasm of prostate (C61)	...	1,376	...	...	23.4	...	...	25.4	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	453	281	172	3.8	4.8	2.9	3.4	4.8	2.2
Malignant neoplasm of bladder (C67)	610	436	174	5.1	7.4	2.9	4.4	7.8	2.1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	564	312	252	4.7	5.3	4.2	4.3	5.2	3.6
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>2,339</b>	<b>1,294</b>	<b>1,045</b>	<b>19.7</b>	<b>22.0</b>	<b>17.3</b>	<b>17.4</b>	<b>22.6</b>	<b>13.7</b>
Hodgkin's disease (C81)	49	24	25	0.4	0.4	0.4	0.4	0.4	0.3
Non-Hodgkin's lymphoma (C82-C85)	1,004	542	462	8.4	9.2	7.7	7.5	9.2	6.1
Leukaemia (C91-C95)	821	483	338	6.9	8.2	5.6	6.2	8.6	4.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	463	243	220	3.9	4.1	3.7	3.4	4.3	2.8
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	2	2	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)	3,274	1,586	1,688	27.5	27.0	28.0	24.1	27.7	21.4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	534	266	268	4.5	4.5	4.4	3.9	4.8	3.3
Anaemias (D50-D64)	176	62	114	1.5	1.1	1.9	1.2	1.2	1.2
Diabetes mellitus (E10-E14)	2,871	1,394	1,477	24.1	23.7	24.5	20.8	24.7	17.8
<b>Nutritional deficiencies (E40-E64)</b>	<b>37</b>	<b>11</b>	<b>26</b>	<b>0.3</b>	<b>0.2</b>	<b>0.4</b>	<b>0.3</b>	<b>0.2</b>	<b>0.3</b>
Malnutrition (E40-E46)	28	7	21	0.2	0.1	0.3	0.2	0.1	0.2
Other nutritional deficiencies (E50-E64)	9	4	5	0.1	0.1	0.1	0.1	0.1	0.1
Meningitis (G00, G03)	21	9	12	0.2	0.2	0.2	0.2	0.1	0.2
Parkinson's disease (G20-G21)	594	328	266	5.0	5.6	4.4	4.2	6.1	2.9
Alzheimer's disease (G30)	1,836	566	1,270	15.4	9.6	21.1	12.6	11.1	13.2
<b>Major cardiovascular diseases (I00-I78)</b>	<b>28,248</b>	<b>13,890</b>	<b>14,358</b>	<b>237.5</b>	<b>236.6</b>	<b>238.4</b>	<b>200.5</b>	<b>253.4</b>	<b>160.0</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>20,191</b>	<b>10,416</b>	<b>9,775</b>	<b>169.7</b>	<b>177.4</b>	<b>162.3</b>	<b>143.7</b>	<b>188.9</b>	<b>109.3</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	99	24	75	0.8	0.4	1.2	0.7	0.4	1.0
Hypertensive heart disease (I11)	167	67	100	1.4	1.1	1.7	1.2	1.2	1.1
Hypertensive heart and renal disease (I13)	26	10	16	0.2	0.2	0.3	0.2	0.2	0.2
<b>Ischaemic heart diseases (I20-I25)</b>	<b>16,373</b>	<b>8,758</b>	<b>7,615</b>	<b>137.6</b>	<b>149.2</b>	<b>126.4</b>	<b>116.7</b>	<b>158.0</b>	<b>85.1</b>
Acute myocardial infarction (I21-I22)	7,074	3,975	3,099	59.5	67.7	51.4	50.8	70.8	35.5
Other acute ischaemic heart diseases (I24)	255	135	120	2.1	2.3	2.0	1.8	2.4	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>9,044</b>	<b>4,648</b>	<b>4,396</b>	<b>76.0</b>	<b>79.2</b>	<b>73.0</b>	<b>64.1</b>	<b>84.8</b>	<b>48.2</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	210	121	89	1.8	2.1	1.5	1.5	2.1	1.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	8,834	4,527	4,307	74.3	77.1	71.5	62.6	82.7	47.2
<b>Other heart diseases (I26-I51)</b>	<b>3,526</b>	<b>1,557</b>	<b>1,969</b>	<b>29.6</b>	<b>26.5</b>	<b>32.7</b>	<b>24.9</b>	<b>29.1</b>	<b>22.0</b>
Acute and subacute endocarditis (I33)	24	11	13	0.2	0.2	0.2	0.2	0.2	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	29	20	9	0.2	0.3	0.1	0.2	0.3	0.1
Heart failure (I50)	1,294	529	765	10.9	9.0	12.7	8.9	10.7	7.9
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	2,179	997	1,182	18.3	17.0	19.6	15.6	18.0	13.7
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	374	119	255	3.1	2.0	4.2	2.6	2.2	2.7
Cerebrovascular diseases (I60-I69)	6,117	2,522	3,595	51.4	43.0	59.7	43.0	47.1	39.8
Atherosclerosis (I70)	427	154	273	3.6	2.6	4.5	2.9	3.0	2.8
<b>Other diseases of circulatory system (I71-I78)</b>	<b>1,139</b>	<b>679</b>	<b>460</b>	<b>9.6</b>	<b>11.6</b>	<b>7.6</b>	<b>8.2</b>	<b>12.1</b>	<b>5.3</b>
Aortic aneurysm and dissection (I71)	712	463	249	6.0	7.9	4.1	5.2	8.2	3.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	427	216	211	3.6	3.7	3.5	3.0	3.9	2.3
Other disorders of circulatory system (I80-I99)	149	53	96	1.3	0.9	1.6	1.1	0.9	1.2
<b>Influenza and pneumonia (J10-J18)</b>	<b>1,798</b>	<b>784</b>	<b>1,014</b>	<b>15.1</b>	<b>13.4</b>	<b>16.8</b>	<b>12.4</b>	<b>15.8</b>	<b>10.7</b>
Influenza (J10-J11)	14	4	10	0.1	0.1	0.2	0.1	0.1	0.1
Pneumonia (J12-J18)	1,784	780	1,004	15.0	13.3	16.7	12.3	15.7	10.6
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>14</b>	<b>5</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	2	4	0.1	0.0	0.1	0.1	0.0	0.1
Unspecified acute lower respiratory infection (J22)	8	3	5	0.1	0.1	0.1	0.1	0.1	0.1
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>3,276</b>	<b>1,736</b>	<b>1,540</b>	<b>27.5</b>	<b>29.6</b>	<b>25.6</b>	<b>23.4</b>	<b>32.3</b>	<b>18.4</b>
Bronchitis, chronic and unspecified (J40-J42)	54	20	34	0.5	0.3	0.6	0.4	0.4	0.4
Emphysema (J43)	270	151	119	2.3	2.6	2.0	2.0	2.7	1.5
Asthma (J45-J46)	97	36	61	0.8	0.6	1.0	0.7	0.7	0.8
Other chronic lower respiratory diseases (J44, J47)	2,855	1,529	1,326	24.0	26.0	22.0	20.4	28.6	15.7
Pneumoconioses and chemical effects (J60-J66, J68)	18	17	1	0.2	0.3	0.0	0.1	0.3	0.0
Pneumonitis due to solids and liquids (J69)	320	171	149	2.7	2.9	2.5	2.3	3.3	1.7
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	769	404	365	6.5	6.9	6.1	5.6	7.3	4.4
Peptic ulcer (K25-K28)	190	103	87	1.6	1.8	1.4	1.4	1.9	1.0
Diseases of appendix (K35-K38)	11	8	3	0.1	0.1	0.0	0.1	0.2	0.0
Hernia (K40-K46)	77	31	46	0.6	0.5	0.8	0.5	0.6	0.5
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>913</b>	<b>627</b>	<b>286</b>	<b>7.7</b>	<b>10.7</b>	<b>4.7</b>	<b>6.9</b>	<b>10.2</b>	<b>4.0</b>
Alcoholic liver disease (K70)	443	340	103	3.7	5.8	1.7	3.3	5.4	1.5
Other chronic liver disease and cirrhosis (K73-K74)	470	287	183	4.0	4.9	3.0	3.5	4.8	2.5
Cholelithiasis and other disorders of gallbladder (K80-K82)	93	48	45	0.8	0.8	0.7	0.7	0.9	0.5
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>1,121</b>	<b>574</b>	<b>547</b>	<b>9.4</b>	<b>9.8</b>	<b>9.1</b>	<b>7.9</b>	<b>10.7</b>	<b>6.2</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	6	2	4	0.1	0.0	0.1	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)	20	11	9	0.2	0.2	0.1	0.2	0.2	0.1
Renal failure (N17-N19)	1,094	560	534	9.2	9.5	8.9	7.7	10.5	6.1
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)	27	9	18	0.2	0.2	0.3	0.2	0.2	0.2
Hyperplasia of prostate (N40)	...	15	...	...	0.3	...	...	0.3	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.0	...	...	0.0
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>17</b>	<b>...</b>	<b>...</b>	<b>0.3</b>	<b>...</b>	<b>...</b>	<b>0.3</b>
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	17	...	...	0.3	...	...	0.3
Certain conditions originating in the perinatal period (P00-P96)	401	232	169	3.4	4.0	2.8	4.4	4.9	3.8
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	331	185	146	2.8	3.2	2.4	3.2	3.6	2.8
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	1,532	839	693	12.9	14.3	11.5	11.7	14.5	9.0
All other diseases (residual) <sup>7</sup>	6,746	2,765	3,981	56.7	47.1	66.1	48.2	50.4	45.4
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>2,843</b>	<b>1,647</b>	<b>1,196</b>	<b>23.9</b>	<b>28.1</b>	<b>19.9</b>	<b>21.7</b>	<b>29.4</b>	<b>14.9</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>938</b>	<b>642</b>	<b>296</b>	<b>7.9</b>	<b>10.9</b>	<b>4.9</b>	<b>7.8</b>	<b>11.1</b>	<b>4.7</b>
Motor vehicle accidents <sup>8</sup>	819	551	268	6.9	9.4	4.4	6.8	9.5	4.2
Other land transport accidents <sup>9</sup>	64	46	18	0.5	0.8	0.3	0.5	0.8	0.3
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	55	45	10	0.5	0.8	0.2	0.4	0.7	0.1
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>1,905</b>	<b>1,005</b>	<b>900</b>	<b>16.0</b>	<b>17.1</b>	<b>14.9</b>	<b>13.9</b>	<b>18.3</b>	<b>10.2</b>
Falls (W00-W19)	740	354	386	6.2	6.0	6.4	5.2	6.6	4.2
Accidental discharge of firearms (W32-W34)	3	3	0	0.0	0.1	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	86	69	17	0.7	1.2	0.3	0.7	1.2	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	75	41	34	0.6	0.7	0.6	0.6	0.7	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)	231	158	73	1.9	2.7	1.2	1.8	2.6	1.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	770	380	390	6.5	6.5	6.5	5.5	7.1	4.2
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>964</b>	<b>721</b>	<b>243</b>	<b>8.1</b>	<b>12.3</b>	<b>4.0</b>	<b>7.8</b>	<b>11.9</b>	<b>3.9</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	134	131	3	1.1	2.2	0.0	1.0	2.1	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	830	590	240	7.0	10.0	4.0	6.8	9.8	3.9
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>132</b>	<b>90</b>	<b>42</b>	<b>1.1</b>	<b>1.5</b>	<b>0.7</b>	<b>1.1</b>	<b>1.6</b>	<b>0.7</b>
Assault (homicide) by discharge of firearms (X93-X95)	45	37	8	0.4	0.6	0.1	0.4	0.7	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	87	53	34	0.7	0.9	0.6	0.7	0.9	0.6
Legal intervention (Y35, Y89.0)	2	2	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>213</b>	<b>146</b>	<b>67</b>	<b>1.8</b>	<b>2.5</b>	<b>1.1</b>	<b>1.7</b>	<b>2.4</b>	<b>1.1</b>
Discharge of firearms, undetermined intent (Y22-Y24)	4	4	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)	209	142	67	1.8	2.4	1.1	1.7	2.3	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)	61	33	28	0.5	0.6	0.5	0.5	0.6	0.3

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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 — Footnotes 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>9,734</b>	<b>4,951</b>	<b>4,783</b>	<b>847.1</b>	<b>868.7</b>	<b>825.8</b>	<b>645.0</b>	<b>822.3</b>	<b>508.8</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	0.4	0.4	0.5	0.3	0.3	0.3
<b>Tuberculosis (A16-A19)</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.4</b>
Respiratory tuberculosis (A16)	5	3	2	0.4	0.5	0.3	0.3	0.5	0.1
Other tuberculosis (A17-A19)	1	0	1	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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	45	23	22	3.9	4.0	3.8	3.0	3.8	2.5
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)	7	4	3	0.6	0.7	0.5	0.6	0.7	0.5
Human immunodeficiency virus [HIV] disease (B20-B24)	14	12	2	1.2	2.1	0.3	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>	28	13	15	2.4	2.3	2.6	1.9	2.2	1.8
<b>Malignant neoplasms (C00-C97)</b>	<b>2,527</b>	<b>1,323</b>	<b>1,204</b>	<b>219.9</b>	<b>232.1</b>	<b>207.9</b>	<b>180.0</b>	<b>221.5</b>	<b>150.8</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	30	23	7	2.6	4.0	1.2	2.1	3.8	0.8
Malignant neoplasm of oesophagus (C15)	58	46	12	5.0	8.1	2.1	4.3	7.7	1.5
Malignant neoplasm of stomach (C16)	64	35	29	5.6	6.1	5.0	4.4	5.8	3.4
Malignant neoplasms of colon, rectum and anus (C18-C21)	266	145	121	23.1	25.4	20.9	18.3	24.2	13.6
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	55	30	25	4.8	5.3	4.3	4.3	5.3	3.4
Malignant neoplasm of pancreas (C25)	127	60	67	11.1	10.5	11.6	9.0	10.2	7.5
Malignant neoplasm of larynx (C32)	9	8	1	0.8	1.4	0.2	0.6	1.3	0.1
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	605	343	262	52.6	60.2	45.2	44.9	57.9	35.3
Malignant melanoma of skin (C43)	27	18	9	2.3	3.2	1.6	2.1	3.1	1.2
Malignant neoplasm of breast (C50)	181	0	181	15.8	0.0	31.2	12.8	0.0	23.3
Malignant neoplasm of cervix uteri (C53)	...	...	25	...	...	4.3	...	...	3.7
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	37	...	...	6.4	...	...	4.8
Malignant neoplasm of ovary (C56)	...	...	66	...	...	11.4	...	...	8.5
Malignant neoplasm of prostate (C61)	...	173	...	...	30.4	...	...	28.6	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	57	33	24	5.0	5.8	4.1	3.8	5.4	2.8
Malignant neoplasm of bladder (C67)	58	41	17	5.0	7.2	2.9	3.9	6.9	1.7
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	56	30	26	4.9	5.3	4.5	4.4	5.1	3.8
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>247</b>	<b>137</b>	<b>110</b>	<b>21.5</b>	<b>24.0</b>	<b>19.0</b>	<b>17.6</b>	<b>22.7</b>	<b>13.4</b>
Hodgkin's disease (C81)	4	3	1	0.3	0.5	0.2	0.3	0.5	0.1
Non-Hodgkin's lymphoma (C82-C85)	111	58	53	9.7	10.2	9.2	8.0	9.5	7.1
Leukaemia (C91-C95)	80	47	33	7.0	8.2	5.7	5.7	7.9	3.6
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	52	29	23	4.5	5.1	4.0	3.7	4.8	2.6
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	386	201	185	33.6	35.3	31.9	27.0	33.7	22.1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	68	33	35	5.9	5.8	6.0	4.3	5.4	3.6
Anaemias (D50-D64)	20	6	14	1.7	1.1	2.4	1.1	1.0	1.2
Diabetes mellitus (E10-E14)	333	157	176	29.0	27.5	30.4	22.6	26.1	20.0
<b>Nutritional deficiencies (E40-E64)</b>	<b>18</b>	<b>7</b>	<b>11</b>	<b>1.6</b>	<b>1.2</b>	<b>1.9</b>	<b>1.0</b>	<b>1.2</b>	<b>0.8</b>
Malnutrition (E40-E46)	15	4	11	1.3	0.7	1.9	0.8	0.7	0.8
Other nutritional deficiencies (E50-E64)	3	3	0	0.3	0.5	0.0	0.1	0.5	0.0
Meningitis (G00, G03)	2	1	1	0.2	0.2	0.2	0.2	0.2	0.2
Parkinson's disease (G20-G21)	82	43	39	7.1	7.5	6.7	4.8	7.0	3.2
Alzheimer's disease (G30)	197	66	131	17.1	11.6	22.6	10.8	10.6	10.5
<b>Major cardiovascular diseases (I00-I78)</b>	<b>3,387</b>	<b>1,714</b>	<b>1,673</b>	<b>294.7</b>	<b>300.7</b>	<b>288.8</b>	<b>211.4</b>	<b>281.5</b>	<b>156.5</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>2,473</b>	<b>1,328</b>	<b>1,145</b>	<b>215.2</b>	<b>233.0</b>	<b>197.7</b>	<b>156.0</b>	<b>218.1</b>	<b>107.7</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	19	8	11	1.7	1.4	1.9	1.3	1.2	1.3
Hypertensive heart disease (I11)	42	19	23	3.7	3.3	4.0	2.8	3.2	2.3
Hypertensive heart and renal disease (I13)	5	3	2	0.4	0.5	0.3	0.3	0.5	0.2
<b>Ischaemic heart diseases (I20-I25)</b>	<b>1,795</b>	<b>1,023</b>	<b>772</b>	<b>156.2</b>	<b>179.5</b>	<b>133.3</b>	<b>114.5</b>	<b>168.1</b>	<b>72.6</b>
Acute myocardial infarction (I21-I22)	734	421	313	63.9	73.9	54.0	47.9	69.3	31.0
Other acute ischaemic heart diseases (I24)	22	13	9	1.9	2.3	1.6	1.3	2.1	0.7

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>1,039</b>	<b>589</b>	<b>450</b>	<b>90.4</b>	<b>103.3</b>	<b>77.7</b>	<b>65.4</b>	<b>96.6</b>	<b>40.8</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	31	20	11	2.7	3.5	1.9	2.0	3.3	1.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1,008	569	439	87.7	99.8	75.8	63.4	93.3	39.9
<b>Other heart diseases (I26-I51)</b>	<b>612</b>	<b>275</b>	<b>337</b>	<b>53.3</b>	<b>48.3</b>	<b>58.2</b>	<b>37.2</b>	<b>45.1</b>	<b>31.4</b>
Acute and subacute endocarditis (I33)	5	5	0	0.4	0.9	0.0	0.4	0.8	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.2
Heart failure (I50)	299	128	171	26.0	22.5	29.5	16.3	20.5	14.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	307	142	165	26.7	24.9	28.5	20.4	23.8	17.2
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	54	13	41	4.7	2.3	7.1	3.1	2.1	3.5
Cerebrovascular diseases (I60-I69)	684	285	399	59.5	50.0	68.9	41.2	46.8	36.8
Atherosclerosis (I70)	30	9	21	2.6	1.6	3.6	1.6	1.5	1.7
<b>Other diseases of circulatory system (I71-I78)</b>	<b>146</b>	<b>79</b>	<b>67</b>	<b>12.7</b>	<b>13.9</b>	<b>11.6</b>	<b>9.5</b>	<b>13.1</b>	<b>6.7</b>
Aortic aneurysm and dissection (I71)	90	50	40	7.8	8.8	6.9	5.9	8.4	3.9
Other diseases of arteries, arterioles and capillaries (I72-I78)	56	29	27	4.9	5.1	4.7	3.6	4.7	2.8
Other disorders of circulatory system (I80-I99)	25	15	10	2.2	2.6	1.7	1.8	2.5	1.1
<b>Influenza and pneumonia (J10-J18)</b>	<b>191</b>	<b>87</b>	<b>104</b>	<b>16.6</b>	<b>15.3</b>	<b>18.0</b>	<b>11.3</b>	<b>14.4</b>	<b>9.0</b>
Influenza (J10-J11)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Pneumonia (J12-J18)	190	86	104	16.5	15.1	18.0	11.2	14.3	9.0
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>4</b>	<b>1</b>	<b>3</b>	<b>0.3</b>	<b>0.2</b>	<b>0.5</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</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)	4	1	3	0.3	0.2	0.5	0.2	0.2	0.2
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>365</b>	<b>240</b>	<b>125</b>	<b>31.8</b>	<b>42.1</b>	<b>21.6</b>	<b>22.6</b>	<b>38.7</b>	<b>12.5</b>
Bronchitis, chronic and unspecified (J40-J42)	7	4	3	0.6	0.7	0.5	0.5	0.7	0.4
Emphysema (J43)	26	19	7	2.3	3.3	1.2	1.8	3.1	0.8
Asthma (J45-J46)	13	6	7	1.1	1.1	1.2	0.8	1.0	0.6
Other chronic lower respiratory diseases (J44, J47)	319	211	108	27.8	37.0	18.6	19.5	33.9	10.8
Pneumoconioses and chemical effects (J60-J66, J68)	2	2	0	0.2	0.4	0.0	0.2	0.4	0.0
Pneumonitis due to solids and liquids (J69)	40	17	23	3.5	3.0	4.0	2.4	2.7	2.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	110	62	48	9.6	10.9	8.3	7.2	10.3	5.1
Peptic ulcer (K25-K28)	29	17	12	2.5	3.0	2.1	1.9	2.8	1.3
Diseases of appendix (K35-K38)	3	1	2	0.3	0.2	0.3	0.2	0.2	0.3
Hernia (K40-K46)	12	6	6	1.0	1.1	1.0	0.8	0.9	0.7
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>107</b>	<b>54</b>	<b>53</b>	<b>9.3</b>	<b>9.5</b>	<b>9.2</b>	<b>8.3</b>	<b>9.1</b>	<b>7.6</b>
Alcoholic liver disease (K70)	54	35	19	4.7	6.1	3.3	4.3	6.0	2.9
Other chronic liver disease and cirrhosis (K73-K74)	53	19	34	4.6	3.3	5.9	3.9	3.1	4.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	13	8	5	1.1	1.4	0.9	0.7	1.2	0.5
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>186</b>	<b>87</b>	<b>99</b>	<b>16.2</b>	<b>15.3</b>	<b>17.1</b>	<b>11.4</b>	<b>14.0</b>	<b>10.0</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	3	1	2	0.3	0.2	0.3	0.2	0.2	0.2
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	0.1	0.2	0.1
Renal failure (N17-N19)	181	85	96	15.8	14.9	16.6	11.1	13.7	9.7
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	4	1	3	0.3	0.2	0.5	0.2	0.2	0.3
Hyperplasia of prostate (N40)	...	4	...	...	0.7	...	...	0.7	...
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)	42	30	12	3.7	5.3	2.1	4.3	6.1	2.5
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	51	32	19	4.4	5.6	3.3	4.8	6.0	3.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	285	118	167	24.8	20.7	28.8	18.4	19.6	16.9
All other diseases (residual) <sup>7</sup>	860	344	516	74.8	60.4	89.1	53.2	56.3	50.7
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>470</b>	<b>278</b>	<b>192</b>	<b>40.9</b>	<b>48.8</b>	<b>33.1</b>	<b>35.2</b>	<b>47.8</b>	<b>23.1</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>135</b>	<b>90</b>	<b>45</b>	<b>11.7</b>	<b>15.8</b>	<b>7.8</b>	<b>11.8</b>	<b>16.2</b>	<b>7.2</b>
Motor vehicle accidents <sup>8</sup>	114	70	44	9.9	12.3	7.6	9.8	12.4	7.0
Other land transport accidents <sup>9</sup>	12	11	1	1.0	1.9	0.2	1.1	2.0	0.2
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	9	9	0	0.8	1.6	0.0	0.9	1.8	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>335</b>	<b>188</b>	<b>147</b>	<b>29.2</b>	<b>33.0</b>	<b>25.4</b>	<b>23.4</b>	<b>31.7</b>	<b>15.9</b>
Falls (W00-W19)	120	56	64	10.4	9.8	11.0	6.9	9.0	5.6
Accidental discharge of firearms (W32-W34)	8	8	0	0.7	1.4	0.0	0.7	1.4	0.0
Accidental drowning and submersion (W65-W74)	21	17	4	1.8	3.0	0.7	1.9	3.1	0.7
Accidental exposure to smoke, fire and flames (X00-X09)	20	15	5	1.7	2.6	0.9	1.8	2.6	1.0

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	27	17	3.8	4.7	2.9	3.7	4.5	2.9
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	122	65	57	10.6	11.4	9.8	8.3	11.0	5.7
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>129</b>	<b>93</b>	<b>36</b>	<b>11.2</b>	<b>16.3</b>	<b>6.2</b>	<b>11.0</b>	<b>16.1</b>	<b>6.2</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	26	25	1	2.3	4.4	0.2	2.1	4.2	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	103	68	35	9.0	11.9	6.0	9.0	11.9	6.1
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>34</b>	<b>29</b>	<b>5</b>	<b>3.0</b>	<b>5.1</b>	<b>0.9</b>	<b>3.0</b>	<b>5.1</b>	<b>0.9</b>
Assault (homicide) by discharge of firearms (X93-X95)	3	3	0	0.3	0.5	0.0	0.3	0.5	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	31	26	5	2.7	4.6	0.9	2.8	4.6	0.9
Legal intervention (Y35, Y89.0)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>13</b>	<b>8</b>	<b>5</b>	<b>1.1</b>	<b>1.4</b>	<b>0.9</b>	<b>1.1</b>	<b>1.4</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)	13	8	5	1.1	1.4	0.9	1.1	1.4	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)	15	9	6	1.3	1.6	1.0	1.0	1.5	0.7

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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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 — Footnotes 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>8,740</b>	<b>4,550</b>	<b>4,190</b>	<b>859.3</b>	<b>901.8</b>	<b>817.5</b>	<b>607.2</b>	<b>777.5</b>	<b>471.9</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)	2	1	1	0.2	0.2	0.2	0.1	0.2	0.1
<b>Tuberculosis (A16-A19)</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>0.4</b>	<b>0.6</b>	<b>0.2</b>	<b>0.4</b>	<b>0.6</b>	<b>0.2</b>
Respiratory tuberculosis (A16)	3	3	0	0.3	0.6	0.0	0.3	0.6	0.0
Other tuberculosis (A17-A19)	1	0	1	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)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.2
Septicaemia (A40-A41)	63	28	35	6.2	5.5	6.8	4.4	4.7	4.0
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	4	2	2	0.4	0.4	0.4	0.4	0.4	0.3
Human immunodeficiency virus [HIV] disease (B20-B24)	3	3	0	0.3	0.6	0.0	0.3	0.6	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>	16	13	3	1.6	2.6	0.6	1.5	2.6	0.4
<b>Malignant neoplasms (C00-C97)</b>	<b>2,240</b>	<b>1,274</b>	<b>966</b>	<b>220.2</b>	<b>252.5</b>	<b>188.5</b>	<b>170.4</b>	<b>220.1</b>	<b>134.9</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	31	18	13	3.0	3.6	2.5	2.3	3.2	1.5
Malignant neoplasm of oesophagus (C15)	46	36	10	4.5	7.1	2.0	3.8	6.6	1.4
Malignant neoplasm of stomach (C16)	72	48	24	7.1	9.5	4.7	5.1	8.1	2.9
Malignant neoplasms of colon, rectum and anus (C18-C21)	226	110	116	22.2	21.8	22.6	16.7	19.1	14.9
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	46	27	19	4.5	5.4	3.7	3.7	4.8	2.6
Malignant neoplasm of pancreas (C25)	96	46	50	9.4	9.1	9.8	7.1	8.1	6.1
Malignant neoplasm of larynx (C32)	14	11	3	1.4	2.2	0.6	1.2	2.1	0.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	523	344	179	51.4	68.2	34.9	42.1	61.0	27.3
Malignant melanoma of skin (C43)	25	16	9	2.5	3.2	1.8	1.9	2.7	1.2
Malignant neoplasm of breast (C50)	158	1	157	15.5	0.2	30.6	12.5	0.2	23.1
Malignant neoplasm of cervix uteri (C53)	...	...	16	...	...	3.1	...	...	2.6
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	9	...	...	1.8	...	...	1.2
Malignant neoplasm of ovary (C56)	...	...	54	...	...	10.5	...	...	7.9
Malignant neoplasm of prostate (C61)	...	215	...	...	42.6	...	...	34.3	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	46	33	13	4.5	6.5	2.5	3.7	6.0	1.9
Malignant neoplasm of bladder (C67)	49	42	7	4.8	8.3	1.4	3.4	7.1	0.6
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	49	21	28	4.8	4.2	5.5	4.2	3.8	4.5
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>223</b>	<b>122</b>	<b>101</b>	<b>21.9</b>	<b>24.2</b>	<b>19.7</b>	<b>17.2</b>	<b>21.6</b>	<b>13.4</b>
Hodgkin's disease (C81)	11	4	7	1.1	0.8	1.4	1.0	0.7	1.4
Non-Hodgkin's lymphoma (C82-C85)	84	45	39	8.3	8.9	7.6	6.6	7.8	5.5
Leukaemia (C91-C95)	87	49	38	8.6	9.7	7.4	6.4	8.7	4.5
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	39	22	17	3.8	4.4	3.3	3.0	4.0	2.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	2	2	0	0.2	0.4	0.0	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)	342	184	158	33.6	36.5	30.8	25.5	31.5	21.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	56	28	28	5.5	5.5	5.5	4.0	4.8	3.4
Anaemias (D50-D64)	23	6	17	2.3	1.2	3.3	1.6	1.0	2.1
Diabetes mellitus (E10-E14)	293	158	135	28.8	31.3	26.3	20.0	26.5	15.1
<b>Nutritional deficiencies (E40-E64)</b>	<b>11</b>	<b>6</b>	<b>5</b>	<b>1.1</b>	<b>1.2</b>	<b>1.0</b>	<b>0.7</b>	<b>1.0</b>	<b>0.4</b>
Malnutrition (E40-E46)	8	4	4	0.8	0.8	0.8	0.5	0.6	0.4
Other nutritional deficiencies (E50-E64)	3	2	1	0.3	0.4	0.2	0.2	0.4	0.1
Meningitis (G00, G03)	4	2	2	0.4	0.4	0.4	0.4	0.4	0.4
Parkinson's disease (G20-G21)	61	35	26	6.0	6.9	5.1	3.4	5.3	2.2
Alzheimer's disease (G30)	242	85	157	23.8	16.8	30.6	13.0	12.9	13.2
<b>Major cardiovascular diseases (I00-I78)</b>	<b>3,195</b>	<b>1,572</b>	<b>1,623</b>	<b>314.1</b>	<b>311.6</b>	<b>316.7</b>	<b>204.8</b>	<b>260.9</b>	<b>158.5</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>2,285</b>	<b>1,172</b>	<b>1,113</b>	<b>224.7</b>	<b>232.3</b>	<b>217.1</b>	<b>148.7</b>	<b>195.8</b>	<b>110.7</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	20	4	16	2.0	0.8	3.1	1.5	0.8	1.9
Hypertensive heart disease (I11)	33	9	24	3.2	1.8	4.7	2.0	1.5	2.3
Hypertensive heart and renal disease (I13)	7	2	5	0.7	0.4	1.0	0.4	0.3	0.4
<b>Ischaemic heart diseases (I20-I25)</b>	<b>1,596</b>	<b>893</b>	<b>703</b>	<b>156.9</b>	<b>177.0</b>	<b>137.2</b>	<b>107.5</b>	<b>150.8</b>	<b>72.2</b>
Acute myocardial infarction (I21-I22)	691	403	288	67.9	79.9	56.2	48.2	68.9	31.4
Other acute ischaemic heart diseases (I24)	14	6	8	1.4	1.2	1.6	1.0	1.1	1.0

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>891</b>	<b>484</b>	<b>407</b>	<b>87.6</b>	<b>95.9</b>	<b>79.4</b>	<b>58.3</b>	<b>80.9</b>	<b>39.9</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	106	62	44	10.4	12.3	8.6	7.4	10.8	4.3
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	785	422	363	77.2	83.6	70.8	51.0	70.1	35.6
<b>Other heart diseases (I26-I51)</b>	<b>629</b>	<b>264</b>	<b>365</b>	<b>61.8</b>	<b>52.3</b>	<b>71.2</b>	<b>37.3</b>	<b>42.4</b>	<b>33.8</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	2	3	0.5	0.4	0.6	0.4	0.4	0.4
Heart failure (I50)	348	148	200	34.2	29.3	39.0	19.0	22.7	17.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	273	111	162	26.8	22.0	31.6	17.7	18.8	16.4
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	53	22	31	5.2	4.4	6.0	3.3	3.5	3.0
Cerebrovascular diseases (I60-I69)	680	280	400	66.9	55.5	78.0	41.0	45.1	36.9
Atherosclerosis (I70)	67	28	39	6.6	5.5	7.6	4.0	4.6	3.5
<b>Other diseases of circulatory system (I71-I78)</b>	<b>110</b>	<b>70</b>	<b>40</b>	<b>10.8</b>	<b>13.9</b>	<b>7.8</b>	<b>7.7</b>	<b>11.9</b>	<b>4.4</b>
Aortic aneurysm and dissection (I71)	71	45	26	7.0	8.9	5.1	5.1	7.6	3.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	39	25	14	3.8	5.0	2.7	2.6	4.3	1.3
Other disorders of circulatory system (I80-I99)	16	5	11	1.6	1.0	2.1	1.1	0.8	1.2
<b>Influenza and pneumonia (J10-J18)</b>	<b>191</b>	<b>91</b>	<b>100</b>	<b>18.8</b>	<b>18.0</b>	<b>19.5</b>	<b>10.9</b>	<b>14.4</b>	<b>8.5</b>
Influenza (J10-J11)	14	3	11	1.4	0.6	2.1	0.7	0.5	0.9
Pneumonia (J12-J18)	177	88	89	17.4	17.4	17.4	10.1	13.9	7.6
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0.2</b>	<b>0.0</b>	<b>0.4</b>	<b>0.1</b>	<b>0.0</b>	<b>0.3</b>
Acute bronchitis and bronchiolitis (J20-J21)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
Unspecified acute lower respiratory infection (J22)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.2
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>410</b>	<b>254</b>	<b>156</b>	<b>40.3</b>	<b>50.3</b>	<b>30.4</b>	<b>27.2</b>	<b>41.1</b>	<b>18.4</b>
Bronchitis, chronic and unspecified (J40-J42)	10	7	3	1.0	1.4	0.6	0.6	1.1	0.3
Emphysema (J43)	39	26	13	3.8	5.2	2.5	2.6	4.2	1.6
Asthma (J45-J46)	20	8	12	2.0	1.6	2.3	1.5	1.5	1.5
Other chronic lower respiratory diseases (J44, J47)	341	213	128	33.5	42.2	25.0	22.5	34.2	15.1
Pneumoconioses and chemical effects (J60-J66, J68)	1	1	0	0.1	0.2	0.0	0.0	0.1	0.0
Pneumonitis due to solids and liquids (J69)	26	17	9	2.6	3.4	1.8	1.7	2.7	0.9
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	106	52	54	10.4	10.3	10.5	7.4	8.9	6.4
Peptic ulcer (K25-K28)	20	12	8	2.0	2.4	1.6	1.2	1.9	0.8
Diseases of appendix (K35-K38)	2	1	1	0.2	0.2	0.2	0.2	0.2	0.1
Hernia (K40-K46)	6	2	4	0.6	0.4	0.8	0.3	0.3	0.4
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>82</b>	<b>49</b>	<b>33</b>	<b>8.1</b>	<b>9.7</b>	<b>6.4</b>	<b>7.3</b>	<b>9.2</b>	<b>5.5</b>
Alcoholic liver disease (K70)	47	34	13	4.6	6.7	2.5	4.3	6.4	2.4
Other chronic liver disease and cirrhosis (K73-K74)	35	15	20	3.4	3.0	3.9	2.9	2.8	3.1
Cholelithiasis and other disorders of gallbladder (K80-K82)	10	8	2	1.0	1.6	0.4	0.7	1.3	0.2
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>150</b>	<b>69</b>	<b>81</b>	<b>14.7</b>	<b>13.7</b>	<b>15.8</b>	<b>9.1</b>	<b>11.0</b>	<b>7.5</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)	2	1	1	0.2	0.2	0.2	0.2	0.2	0.2
Renal failure (N17-N19)	148	68	80	14.6	13.5	15.6	8.9	10.8	7.3
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)	3	2	1	0.3	0.4	0.2	0.2	0.3	0.1
Hyperplasia of prostate (N40)	...	2	...	...	0.4	...	...	0.3	...
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>1</b>	<b>...</b>	<b>...</b>	<b>0.2</b>	<b>...</b>	<b>...</b>	<b>0.3</b>
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	1	...	...	0.2	...	...	0.3
Certain conditions originating in the perinatal period (P00-P96)	30	18	12	2.9	3.6	2.3	3.5	4.1	2.9
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	42	25	17	4.1	5.0	3.3	4.3	5.3	3.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	112	42	70	11.0	8.3	13.7	6.8	7.1	6.2
All other diseases (residual) <sup>7</sup>	771	316	455	75.8	62.6	88.8	50.8	52.5	49.5
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>395</b>	<b>246</b>	<b>149</b>	<b>38.8</b>	<b>48.8</b>	<b>29.1</b>	<b>34.1</b>	<b>48.5</b>	<b>19.9</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>173</b>	<b>134</b>	<b>39</b>	<b>17.0</b>	<b>26.6</b>	<b>7.6</b>	<b>17.6</b>	<b>27.5</b>	<b>7.5</b>
Motor vehicle accidents <sup>8</sup>	159	123	36	15.6	24.4	7.0	16.3	25.5	7.1
Other land transport accidents <sup>9</sup>	8	5	3	0.8	1.0	0.6	0.7	0.9	0.5
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	6	6	0	0.6	1.2	0.0	0.6	1.1	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>222</b>	<b>112</b>	<b>110</b>	<b>21.8</b>	<b>22.2</b>	<b>21.5</b>	<b>16.5</b>	<b>21.0</b>	<b>12.4</b>
Falls (W00-W19)	67	28	39	6.6	5.5	7.6	4.0	4.7	3.4
Accidental discharge of firearms (W32-W34)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	11	10	1	1.1	2.0	0.2	1.2	2.3	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	9	5	4	0.9	1.0	0.8	0.8	0.9	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
Accidental poisoning and exposure to noxious substances (X40-X49)	29	13	16	2.9	2.6	3.1	3.2	3.1	3.4
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	105	55	50	10.3	10.9	9.8	7.2	9.8	4.6
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>102</b>	<b>85</b>	<b>17</b>	<b>10.0</b>	<b>16.8</b>	<b>3.3</b>	<b>10.4</b>	<b>17.7</b>	<b>3.2</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	29	29	0	2.9	5.7	0.0	3.0	6.1	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	73	56	17	7.2	11.1	3.3	7.4	11.6	3.2
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>25</b>	<b>22</b>	<b>3</b>	<b>2.5</b>	<b>4.4</b>	<b>0.6</b>	<b>2.6</b>	<b>4.7</b>	<b>0.6</b>
Assault (homicide) by discharge of firearms (X93-X95)	6	5	1	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)	19	17	2	1.9	3.4	0.4	2.0	3.7	0.4
Legal intervention (Y35, Y89.0)	1	1	0	0.1	0.2	0.0	0.1	0.3	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>11</b>	<b>10</b>	<b>1</b>	<b>1.1</b>	<b>2.0</b>	<b>0.2</b>	<b>1.1</b>	<b>2.1</b>	<b>0.2</b>
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	10	9	1	1.0	1.8	0.2	1.0	1.9	0.2
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	5	4	1	0.5	0.8	0.2	0.3	0.6	0.1

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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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 — Footnotes 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>17,579</b>	<b>9,363</b>	<b>8,216</b>	<b>574.6</b>	<b>606.6</b>	<b>542.1</b>	<b>588.5</b>	<b>737.8</b>	<b>469.5</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)	29	14	15	0.9	0.9	1.0	1.0	1.2	0.9
<b>Tuberculosis (A16-A19)</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>0.2</b>	<b>0.3</b>	<b>0.1</b>	<b>0.2</b>	<b>0.3</b>	<b>0.1</b>
Respiratory tuberculosis (A16)	5	3	2	0.2	0.2	0.1	0.2	0.2	0.1
Other tuberculosis (A17-A19)	1	1	0	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)	2	2	0	0.1	0.1	0.0	0.1	0.1	0.0
Septicaemia (A40-A41)	107	49	58	3.5	3.2	3.8	3.5	3.9	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)	20	13	7	0.7	0.8	0.5	0.6	0.8	0.4
Human immunodeficiency virus [HIV] disease (B20-B24)	23	21	2	0.8	1.4	0.1	0.7	1.2	0.1
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>	37	19	18	1.2	1.2	1.2	1.3	1.5	1.2
<b>Malignant neoplasms (C00-C97)</b>	<b>4,767</b>	<b>2,560</b>	<b>2,207</b>	<b>155.8</b>	<b>165.9</b>	<b>145.6</b>	<b>163.6</b>	<b>201.1</b>	<b>137.1</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	78	58	20	2.5	3.8	1.3	2.6	4.2	1.2
Malignant neoplasm of oesophagus (C15)	92	63	29	3.0	4.1	1.9	3.1	4.6	1.7
Malignant neoplasm of stomach (C16)	150	95	55	4.9	6.2	3.6	5.2	7.5	3.5
Malignant neoplasms of colon, rectum and anus (C18-C21)	482	262	220	15.8	17.0	14.5	16.5	20.7	13.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	95	65	30	3.1	4.2	2.0	3.2	5.0	1.8
Malignant neoplasm of pancreas (C25)	252	133	119	8.2	8.6	7.9	8.7	10.5	7.4
Malignant neoplasm of larynx (C32)	19	13	6	0.6	0.8	0.4	0.7	1.0	0.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,092	634	458	35.7	41.1	30.2	38.5	49.8	29.7
Malignant melanoma of skin (C43)	48	27	21	1.6	1.7	1.4	1.5	1.9	1.2
Malignant neoplasm of breast (C50)	430	7	423	14.1	0.5	27.9	14.1	0.6	25.7
Malignant neoplasm of cervix uteri (C53)	...	...	35	...	...	2.3	...	...	2.2
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	49	...	...	3.2	...	...	2.9
Malignant neoplasm of ovary (C56)	...	...	101	...	...	6.7	...	...	6.6
Malignant neoplasm of prostate (C61)	...	332	...	...	...	...	...	28.1	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	120	78	42	3.9	5.1	2.8	4.0	6.0	2.5
Malignant neoplasm of bladder (C67)	104	81	23	3.4	5.2	1.5	3.6	6.7	1.4
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	120	69	51	3.9	4.5	3.4	4.0	4.9	3.2
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>442</b>	<b>265</b>	<b>177</b>	<b>14.4</b>	<b>17.2</b>	<b>11.7</b>	<b>15.1</b>	<b>20.5</b>	<b>11.0</b>
Hodgkin's disease (C81)	9	7	2	0.3	0.5	0.1	0.3	0.5	0.1
Non-Hodgkin's lymphoma (C82-C85)	199	112	87	6.5	7.3	5.7	6.7	8.4	5.4
Leukaemia (C91-C95)	163	108	55	5.3	7.0	3.6	5.6	8.6	3.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	70	38	32	2.3	2.5	2.1	2.4	3.0	2.1
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	0	1	0.0	0.0	0.1	0.0	0.0	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)	726	378	348	23.7	24.5	23.0	25.0	29.2	21.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	100	49	51	3.3	3.2	3.4	3.3	3.9	2.9
Anaemias (D50-D64)	30	15	15	1.0	1.0	1.0	1.0	1.3	0.9
Diabetes mellitus (E10-E14)	392	212	180	12.8	13.7	11.9	13.2	16.8	10.3
<b>Nutritional deficiencies (E40-E64)</b>	<b>11</b>	<b>6</b>	<b>5</b>	<b>0.4</b>	<b>0.4</b>	<b>0.3</b>	<b>0.4</b>	<b>0.5</b>	<b>0.2</b>
Malnutrition (E40-E46)	11	6	5	0.4	0.4	0.3	0.4	0.5	0.2
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningitis (G00, G03)	7	5	2	0.2	0.3	0.1	0.2	0.3	0.1
Parkinson's disease (G20-G21)	98	52	46	3.2	3.4	3.0	3.2	4.6	2.4
Alzheimer's disease (G30)	328	129	199	10.7	8.4	13.1	10.6	11.6	9.9
<b>Major cardiovascular diseases (I00-I78)</b>	<b>6,465</b>	<b>3,310</b>	<b>3,155</b>	<b>211.3</b>	<b>214.5</b>	<b>208.2</b>	<b>214.6</b>	<b>272.9</b>	<b>167.5</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>4,697</b>	<b>2,548</b>	<b>2,149</b>	<b>153.5</b>	<b>165.1</b>	<b>141.8</b>	<b>156.6</b>	<b>208.1</b>	<b>115.8</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	26	9	17	0.8	0.6	1.1	0.9	0.7	1.0
Hypertensive heart disease (I11)	71	28	43	2.3	1.8	2.8	2.3	2.2	2.4
Hypertensive heart and renal disease (I13)	11	2	9	0.4	0.1	0.6	0.4	0.2	0.5
<b>Ischaemic heart diseases (I20-I25)</b>	<b>3,738</b>	<b>2,139</b>	<b>1,599</b>	<b>122.2</b>	<b>138.6</b>	<b>105.5</b>	<b>125.0</b>	<b>173.9</b>	<b>86.3</b>
Acute myocardial infarction (I21-I22)	1,317	789	528	43.1	51.1	34.8	44.4	64.5	28.8
Other acute ischaemic heart diseases (I24)	9	6	3	0.3	0.4	0.2	0.3	0.5	0.2

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>2,412</b>	<b>1,344</b>	<b>1,068</b>	<b>78.8</b>	<b>87.1</b>	<b>70.5</b>	<b>80.3</b>	<b>109.0</b>	<b>57.3</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	535	286	249	17.5	18.5	16.4	18.4	23.1	14.4
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1,877	1,058	819	61.4	68.5	54.0	61.9	85.9	42.9
<b>Other heart diseases (I26-I51)</b>	<b>851</b>	<b>370</b>	<b>481</b>	<b>27.8</b>	<b>24.0</b>	<b>31.7</b>	<b>28.0</b>	<b>31.1</b>	<b>25.7</b>
Acute and subacute endocarditis (I33)	6	4	2	0.2	0.3	0.1	0.2	0.3	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	9	6	3	0.3	0.4	0.2	0.3	0.4	0.2
Heart failure (I50)	394	143	251	12.9	9.3	16.6	12.6	12.9	12.2
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	442	217	225	14.4	14.1	14.8	14.9	17.5	13.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	97	34	63	3.2	2.2	4.2	3.2	2.9	3.2
Cerebrovascular diseases (I60-I69)	1,224	516	708	40.0	33.4	46.7	40.1	43.9	36.7
Atherosclerosis (I70)	250	91	159	8.2	5.9	10.5	8.0	8.1	7.7
<b>Other diseases of circulatory system (I71-I78)</b>	<b>197</b>	<b>121</b>	<b>76</b>	<b>6.4</b>	<b>7.8</b>	<b>5.0</b>	<b>6.7</b>	<b>9.8</b>	<b>4.2</b>
Aortic aneurysm and dissection (I71)	146	96	50	4.8	6.2	3.3	5.0	7.8	2.9
Other diseases of arteries, arterioles and capillaries (I72-I78)	51	25	26	1.7	1.6	1.7	1.7	2.0	1.3
Other disorders of circulatory system (I80-I99)	29	7	22	0.9	0.5	1.5	1.0	0.6	1.3
<b>Influenza and pneumonia (J10-J18)</b>	<b>270</b>	<b>126</b>	<b>144</b>	<b>8.8</b>	<b>8.2</b>	<b>9.5</b>	<b>8.8</b>	<b>10.5</b>	<b>7.6</b>
Influenza (J10-J11)	5	3	2	0.2	0.2	0.1	0.2	0.3	0.1
Pneumonia (J12-J18)	265	123	142	8.7	8.0	9.4	8.6	10.2	7.5
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>5</b>	<b>1</b>	<b>4</b>	<b>0.2</b>	<b>0.1</b>	<b>0.3</b>	<b>0.2</b>	<b>0.1</b>	<b>0.2</b>
Acute bronchitis and bronchiolitis (J20-J21)	3	1	2	0.1	0.1	0.1	0.1	0.1	0.1
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>770</b>	<b>447</b>	<b>323</b>	<b>25.2</b>	<b>29.0</b>	<b>21.3</b>	<b>26.3</b>	<b>37.7</b>	<b>19.1</b>
Bronchitis, chronic and unspecified (J40-J42)	6	4	2	0.2	0.3	0.1	0.2	0.3	0.1
Emphysema (J43)	62	37	25	2.0	2.4	1.6	2.2	3.0	1.6
Asthma (J45-J46)	25	16	9	0.8	1.0	0.6	0.8	1.1	0.5
Other chronic lower respiratory diseases (J44, J47)	677	390	287	22.1	25.3	18.9	23.0	33.2	16.9
Pneumoconioses and chemical effects (J60-J66, J68)	7	5	2	0.2	0.3	0.1	0.2	0.4	0.1
Pneumonitis due to solids and liquids (J69)	134	74	60	4.4	4.8	4.0	4.5	6.4	3.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	145	79	66	4.7	5.1	4.4	5.0	6.3	4.0
Peptic ulcer (K25-K28)	40	17	23	1.3	1.1	1.5	1.3	1.3	1.3
Diseases of appendix (K35-K38)	3	2	1	0.1	0.1	0.1	0.1	0.1	0.1
Hernia (K40-K46)	17	8	9	0.6	0.5	0.6	0.6	0.7	0.5
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>203</b>	<b>122</b>	<b>81</b>	<b>6.6</b>	<b>7.9</b>	<b>5.3</b>	<b>6.6</b>	<b>8.2</b>	<b>5.2</b>
Alcoholic liver disease (K70)	118	82	36	3.9	5.3	2.4	3.7	5.3	2.2
Other chronic liver disease and cirrhosis (K73-K74)	85	40	45	2.8	2.6	3.0	2.9	2.9	2.9
Cholelithiasis and other disorders of gallbladder (K80-K82)	17	6	11	0.6	0.4	0.7	0.6	0.5	0.6
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>204</b>	<b>103</b>	<b>101</b>	<b>6.7</b>	<b>6.7</b>	<b>6.7</b>	<b>6.9</b>	<b>8.7</b>	<b>5.7</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	1	0	0.0	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)	2	1	1	0.1	0.1	0.1	0.1	0.1	0.1
Renal failure (N17-N19)	201	101	100	6.6	6.5	6.6	6.8	8.6	5.6
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)	9	1	8	0.3	0.1	0.5	0.3	0.1	0.5
Hyperplasia of prostate (N40)	...	2	...	...	0.1	...	...	0.2	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.1	...	...	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>	<b>...</b>	<b>...</b>	<b>0.1</b>
Pregnancy with abortive outcome (O00-O07)	...	...	1	...	...	0.1	...	...	0.1
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	100	63	37	3.3	4.1	2.4	3.8	4.7	2.9
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	100	53	47	3.3	3.4	3.1	3.5	3.7	3.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	117	64	53	3.8	4.1	3.5	3.9	4.6	3.1
All other diseases (residual) <sup>7</sup>	1,424	613	811	46.5	39.7	53.5	47.2	48.8	45.4
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>943</b>	<b>649</b>	<b>294</b>	<b>30.8</b>	<b>42.0</b>	<b>19.4</b>	<b>30.5</b>	<b>43.0</b>	<b>17.9</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>451</b>	<b>310</b>	<b>141</b>	<b>14.7</b>	<b>20.1</b>	<b>9.3</b>	<b>14.7</b>	<b>20.1</b>	<b>9.1</b>
Motor vehicle accidents <sup>8</sup>	291	194	97	9.5	12.6	6.4	9.5	12.6	6.3
Other land transport accidents <sup>9</sup>	143	102	41	4.7	6.6	2.7	4.6	6.6	2.6
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	17	14	3	0.6	0.9	0.2	0.6	1.0	0.2
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>492</b>	<b>339</b>	<b>153</b>	<b>16.1</b>	<b>22.0</b>	<b>10.1</b>	<b>15.8</b>	<b>22.8</b>	<b>8.8</b>
Falls (W00-W19)	81	50	31	2.6	3.2	2.0	2.6	3.5	1.7
Accidental discharge of firearms (W32-W34)	3	3	0	0.1	0.2	0.0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	26	22	4	0.8	1.4	0.3	0.8	1.4	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	24	16	8	0.8	1.0	0.5	0.7	1.0	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)	171	121	50	5.6	7.8	3.3	5.4	7.6	3.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	187	127	60	6.1	8.2	4.0	6.1	9.2	3.2
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>483</b>	<b>378</b>	<b>105</b>	<b>15.8</b>	<b>24.5</b>	<b>6.9</b>	<b>15.4</b>	<b>24.0</b>	<b>6.7</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	109	101	8	3.6	6.5	0.5	3.5	6.5	0.5
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	374	277	97	12.2	17.9	6.4	11.9	17.5	6.2
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>66</b>	<b>45</b>	<b>21</b>	<b>2.2</b>	<b>2.9</b>	<b>1.4</b>	<b>2.1</b>	<b>2.8</b>	<b>1.4</b>
Assault (homicide) by discharge of firearms (X93-X95)	20	14	6	0.7	0.9	0.4	0.6	0.8	0.4
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	46	31	15	1.5	2.0	1.0	1.5	2.0	1.0
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.1	0.0	0.0	0.1	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>55</b>	<b>33</b>	<b>22</b>	<b>1.8</b>	<b>2.1</b>	<b>1.5</b>	<b>1.8</b>	<b>2.1</b>	<b>1.5</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)	55	33	22	1.8	2.1	1.5	1.8	2.1	1.5
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)	11	4	7	0.4	0.3	0.5	0.4	0.3	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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 — Footnotes 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)</b> <sup>3, 4, 5</sup>	<b>28,353</b>	<b>14,773</b>	<b>13,580</b>	<b>691.3</b>	<b>725.8</b>	<b>657.3</b>	<b>554.2</b>	<b>691.5</b>	<b>445.0</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)	29	9	20	0.7	0.4	1.0	0.5	0.4	0.6
<b>Tuberculosis (A16-A19)</b>	<b>20</b>	<b>12</b>	<b>8</b>	<b>0.5</b>	<b>0.6</b>	<b>0.4</b>	<b>0.4</b>	<b>0.6</b>	<b>0.3</b>
Respiratory tuberculosis (A16)	16	10	6	0.4	0.5	0.3	0.3	0.5	0.2
Other tuberculosis (A17-A19)	4	2	2	0.1	0.1	0.1	0.1	0.1	0.1
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	6	2	4	0.1	0.1	0.2	0.2	0.1	0.2
Septicaemia (A40-A41)	130	68	62	3.2	3.3	3.0	2.5	3.2	2.0
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)	88	60	28	2.1	2.9	1.4	1.8	2.5	1.1
Human immunodeficiency virus [HIV] disease (B20-B24)	111	91	20	2.7	4.5	1.0	2.5	4.0	1.0
Malaria (B50-B54)	1	1	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>	61	27	34	1.5	1.3	1.6	1.2	1.2	1.1
<b>Malignant neoplasms (C00-C97)</b>	<b>7,799</b>	<b>4,162</b>	<b>3,637</b>	<b>190.1</b>	<b>204.5</b>	<b>176.0</b>	<b>157.9</b>	<b>191.5</b>	<b>133.3</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	128	90	38	3.1	4.4	1.8	2.6	4.0	1.4
Malignant neoplasm of oesophagus (C15)	214	156	58	5.2	7.7	2.8	4.4	7.1	2.0
Malignant neoplasm of stomach (C16)	237	160	77	5.8	7.9	3.7	4.8	7.3	2.8
Malignant neoplasms of colon, rectum and anus (C18-C21)	718	372	346	17.5	18.3	16.7	14.3	17.2	12.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	230	153	77	5.6	7.5	3.7	4.7	6.9	2.7
Malignant neoplasm of pancreas (C25)	463	215	248	11.3	10.6	12.0	9.3	10.0	8.7
Malignant neoplasm of larynx (C32)	58	49	9	1.4	2.4	0.4	1.3	2.3	0.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,994	1,111	883	48.6	54.6	42.7	41.1	51.0	33.5
Malignant melanoma of skin (C43)	99	65	34	2.4	3.2	1.6	2.0	3.0	1.3
Malignant neoplasm of breast (C50)	609	6	603	14.8	0.3	29.2	12.3	0.3	22.7
Malignant neoplasm of cervix uteri (C53)	...	...	45	...	...	2.2	...	...	1.8
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	75	...	...	3.6	...	...	2.7
Malignant neoplasm of ovary (C56)	...	...	184	...	...	8.9	...	...	6.8
Malignant neoplasm of prostate (C61)	...	539	...	...	26.5	...	...	25.3	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	161	99	62	3.9	4.9	3.0	3.3	4.5	2.2
Malignant neoplasm of bladder (C67)	186	127	59	4.5	6.2	2.9	3.6	5.9	2.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	208	108	100	5.1	5.3	4.8	4.5	5.0	4.0
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>728</b>	<b>423</b>	<b>305</b>	<b>17.7</b>	<b>20.8</b>	<b>14.8</b>	<b>14.7</b>	<b>19.4</b>	<b>11.0</b>
Hodgkin's disease (C81)	10	5	5	0.2	0.2	0.2	0.2	0.3	0.2
Non-Hodgkin's lymphoma (C82-C85)	322	192	130	7.9	9.4	6.3	6.5	8.8	4.7
Leukaemia (C91-C95)	262	155	107	6.4	7.6	5.2	5.3	7.1	3.8
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	129	69	60	3.1	3.4	2.9	2.6	3.1	2.2
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	5	2	3	0.1	0.1	0.1	0.1	0.1	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)	923	489	434	22.5	24.0	21.0	18.6	22.6	15.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	201	113	88	4.9	5.6	4.3	3.9	5.2	3.0
Anaemias (D50-D64)	42	21	21	1.0	1.0	1.0	0.8	1.0	0.5
Diabetes mellitus (E10-E14)	792	396	396	19.3	19.5	19.2	15.4	18.3	13.0
<b>Nutritional deficiencies (E40-E64)</b>	<b>31</b>	<b>12</b>	<b>19</b>	<b>0.8</b>	<b>0.6</b>	<b>0.9</b>	<b>0.5</b>	<b>0.6</b>	<b>0.5</b>
Malnutrition (E40-E46)	20	10	10	0.5	0.5	0.5	0.4	0.5	0.3
Other nutritional deficiencies (E50-E64)	11	2	9	0.3	0.1	0.4	0.2	0.1	0.2
Meningitis (G00, G03)	11	9	2	0.3	0.4	0.1	0.2	0.4	0.1
Parkinson's disease (G20-G21)	205	120	85	5.0	5.9	4.1	3.7	5.6	2.6
Alzheimer's disease (G30)	556	176	380	13.6	8.6	18.4	9.8	8.4	10.3
<b>Major cardiovascular diseases (I00-I78)</b>	<b>9,844</b>	<b>4,986</b>	<b>4,858</b>	<b>240.0</b>	<b>245.0</b>	<b>235.1</b>	<b>183.4</b>	<b>233.7</b>	<b>144.0</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>6,905</b>	<b>3,702</b>	<b>3,203</b>	<b>168.3</b>	<b>181.9</b>	<b>155.0</b>	<b>129.4</b>	<b>173.2</b>	<b>95.5</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	55	18	37	1.3	0.9	1.8	1.1	0.8	1.2
Hypertensive heart disease (I11)	90	37	53	2.2	1.8	2.6	1.7	1.7	1.5
Hypertensive heart and renal disease (I13)	13	6	7	0.3	0.3	0.3	0.3	0.3	0.2
<b>Ischaemic heart diseases (I20-I25)</b>	<b>5,016</b>	<b>2,861</b>	<b>2,155</b>	<b>122.3</b>	<b>140.6</b>	<b>104.3</b>	<b>94.7</b>	<b>133.6</b>	<b>64.8</b>
Acute myocardial infarction (I21-I22)	2,501	1,452	1,049	61.0	71.3	50.8	47.7	67.5	32.4
Other acute ischaemic heart diseases (I24)	30	20	10	0.7	1.0	0.5	0.6	0.9	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
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>2,485</b>	<b>1,389</b>	<b>1,096</b>	<b>60.6</b>	<b>68.2</b>	<b>53.0</b>	<b>46.4</b>	<b>65.2</b>	<b>32.0</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	172	112	60	4.2	5.5	2.9	3.5	5.1	2.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	2,313	1,277	1,036	56.4	62.7	50.1	43.0	60.1	30.0
<b>Other heart diseases (I26-I51)</b>	<b>1,731</b>	<b>780</b>	<b>951</b>	<b>42.2</b>	<b>38.3</b>	<b>46.0</b>	<b>31.8</b>	<b>36.8</b>	<b>27.8</b>
Acute and subacute endocarditis (I33)	19	15	4	0.5	0.7	0.2	0.4	0.7	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	14	5	9	0.3	0.2	0.4	0.3	0.2	0.4
Heart failure (I50)	723	269	454	17.6	13.2	22.0	12.8	13.1	12.5
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	975	491	484	23.8	24.1	23.4	18.3	22.7	14.8
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	110	46	64	2.7	2.3	3.1	2.0	2.2	1.9
Cerebrovascular diseases (I60-I69)	2,289	932	1,357	55.8	45.8	65.7	41.7	43.9	39.5
Atherosclerosis (I70)	144	71	73	3.5	3.5	3.5	2.6	3.4	2.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>396</b>	<b>235</b>	<b>161</b>	<b>9.7</b>	<b>11.5</b>	<b>7.8</b>	<b>7.7</b>	<b>11.0</b>	<b>5.1</b>
Aortic aneurysm and dissection (I71)	254	156	98	6.2	7.7	4.7	5.0	7.3	3.2
Other diseases of arteries, arterioles and capillaries (I72-I78)	142	79	63	3.5	3.9	3.0	2.7	3.7	1.9
Other disorders of circulatory system (I80-I99)	49	31	18	1.2	1.5	0.9	1.0	1.4	0.6
<b>Influenza and pneumonia (J10-J18)</b>	<b>1,173</b>	<b>531</b>	<b>642</b>	<b>28.6</b>	<b>26.1</b>	<b>31.1</b>	<b>20.8</b>	<b>25.6</b>	<b>17.6</b>
Influenza (J10-J11)	29	14	15	0.7	0.7	0.7	0.5	0.6	0.4
Pneumonia (J12-J18)	1,144	517	627	27.9	25.4	30.3	20.3	24.9	17.2
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>13</b>	<b>6</b>	<b>7</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.2</b>
Acute bronchitis and bronchiolitis (J20-J21)	5	4	1	0.1	0.2	0.0	0.1	0.2	0.1
Unspecified acute lower respiratory infection (J22)	8	2	6	0.2	0.1	0.3	0.1	0.1	0.2
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>1,294</b>	<b>716</b>	<b>578</b>	<b>31.5</b>	<b>35.2</b>	<b>28.0</b>	<b>24.7</b>	<b>33.8</b>	<b>18.5</b>
Bronchitis, chronic and unspecified (J40-J42)	15	9	6	0.4	0.4	0.3	0.3	0.4	0.2
Emphysema (J43)	110	77	33	2.7	3.8	1.6	2.2	3.6	1.2
Asthma (J45-J46)	61	23	38	1.5	1.1	1.8	1.2	1.1	1.2
Other chronic lower respiratory diseases (J44, J47)	1,108	607	501	27.0	29.8	24.2	21.0	28.7	16.0
Pneumoconioses and chemical effects (J60-J66, J68)	7	6	1	0.2	0.3	0.0	0.1	0.3	0.0
Pneumonitis due to solids and liquids (J69)	74	39	35	1.8	1.9	1.7	1.3	1.8	1.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	279	159	120	6.8	7.8	5.8	5.3	7.4	4.0
Peptic ulcer (K25-K28)	79	42	37	1.9	2.1	1.8	1.5	1.9	1.3
Diseases of appendix (K35-K38)	6	6	0	0.1	0.3	0.0	0.2	0.3	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>269</b>	<b>167</b>	<b>102</b>	<b>6.6</b>	<b>8.2</b>	<b>4.9</b>	<b>5.7</b>	<b>7.3</b>	<b>4.2</b>
Alcoholic liver disease (K70)	158	110	48	3.9	5.4	2.3	3.4	4.8	2.0
Other chronic liver disease and cirrhosis (K73-K74)	111	57	54	2.7	2.8	2.6	2.3	2.5	2.1
Cholelithiasis and other disorders of gallbladder (K80-K82)	37	20	17	0.9	1.0	0.8	0.7	0.9	0.5
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>361</b>	<b>194</b>	<b>167</b>	<b>8.8</b>	<b>9.5</b>	<b>8.1</b>	<b>6.8</b>	<b>9.1</b>	<b>5.2</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	5	2	3	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	6	2	0.2	0.3	0.1	0.2	0.3	0.1
Renal failure (N17-N19)	347	186	161	8.5	9.1	7.8	6.5	8.7	5.1
Other disorders of kidney (N25, N27)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	14	5	9	0.3	0.2	0.4	0.3	0.2	0.3
Hyperplasia of prostate (N40)	...	9	...	...	0.4	...	...	0.4	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	5	...	...	0.2	...	...	0.2
<b>Pregnancy, childbirth and the puerperium (O00-O99)</b>	<b>...</b>	<b>...</b>	<b>4</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)	...	...	4	...	...	0.2	...	...	0.2
Certain conditions originating in the perinatal period (P00-P96)	86	50	36	2.1	2.5	1.7	3.0	3.4	2.6
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	103	49	54	2.5	2.4	2.6	3.0	2.8	3.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	292	152	140	7.1	7.5	6.8	6.3	7.5	5.0
All other diseases (residual) <sup>7</sup>	2,422	1,051	1,371	59.1	51.6	66.4	46.3	48.8	43.2
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>1,298</b>	<b>869</b>	<b>429</b>	<b>31.6</b>	<b>42.7</b>	<b>20.8</b>	<b>29.2</b>	<b>42.1</b>	<b>17.1</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>454</b>	<b>334</b>	<b>120</b>	<b>11.1</b>	<b>16.4</b>	<b>5.8</b>	<b>11.0</b>	<b>16.5</b>	<b>5.7</b>
Motor vehicle accidents <sup>8</sup>	390	275	115	9.5	13.5	5.6	9.5	13.7	5.5
Other land transport accidents <sup>9</sup>	17	14	3	0.4	0.7	0.1	0.4	0.7	0.1
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	47	45	2	1.1	2.2	0.1	1.1	2.2	0.1
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>844</b>	<b>535</b>	<b>309</b>	<b>20.6</b>	<b>26.3</b>	<b>15.0</b>	<b>18.2</b>	<b>25.6</b>	<b>11.4</b>
Falls (W00-W19)	322	164	158	7.9	8.1	7.6	5.9	7.9	4.5
Accidental discharge of firearms (W32-W34)	3	3	0	0.1	0.1	0.0	0.1	0.1	0.0
Accidental drowning and submersion (W65-W74)	45	33	12	1.1	1.6	0.6	1.1	1.5	0.6
Accidental exposure to smoke, fire and flames (X00-X09)	37	22	15	0.9	1.1	0.7	0.9	1.1	0.8

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)	322	235	87	7.9	11.5	4.2	7.7	11.3	4.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	115	78	37	2.8	3.8	1.8	2.5	3.7	1.3
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>433</b>	<b>332</b>	<b>101</b>	<b>10.6</b>	<b>16.3</b>	<b>4.9</b>	<b>9.8</b>	<b>15.5</b>	<b>4.4</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	86	80	6	2.1	3.9	0.3	1.9	3.7	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	347	252	95	8.5	12.4	4.6	7.9	11.8	4.1
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>56</b>	<b>41</b>	<b>15</b>	<b>1.4</b>	<b>2.0</b>	<b>0.7</b>	<b>1.4</b>	<b>2.1</b>	<b>0.7</b>
Assault (homicide) by discharge of firearms (X93-X95)	17	15	2	0.4	0.7	0.1	0.5	0.8	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	39	26	13	1.0	1.3	0.6	0.9	1.3	0.6
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>29</b>	<b>15</b>	<b>14</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</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)	29	15	14	0.7	0.7	0.7	0.7	0.7	0.7
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)	9	6	3	0.2	0.3	0.1	0.2	0.3	0.1

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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 — Footnotes 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>134</b>	<b>81</b>	<b>53</b>	<b>444.0</b>	<b>523.7</b>	<b>360.2</b>	<b>737.2</b>	<b>840.2</b>	<b>615.3</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>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	3.3	0.0	6.8	5.8	0.0	11.5
<b>Malignant neoplasms (C00-C97)</b>	<b>42</b>	<b>27</b>	<b>15</b>	<b>139.2</b>	<b>174.6</b>	<b>101.9</b>	<b>201.9</b>	<b>264.5</b>	<b>142.0</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	0	1	3.3	0.0	6.8	2.7	0.0	6.1
Malignant neoplasm of oesophagus (C15)	2	2	0	6.6	12.9	0.0	9.7	17.5	0.0
Malignant neoplasm of stomach (C16)	2	1	1	6.6	6.5	6.8	4.2	3.8	4.4
Malignant neoplasms of colon, rectum and anus (C18-C21)	4	2	2	13.3	12.9	13.6	25.9	24.0	28.5
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)	2	1	1	6.6	6.5	6.8	7.9	4.3	11.5
Malignant neoplasm of larynx (C32)	1	1	0	3.3	6.5	0.0	2.7	4.7	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	10	9	1	33.1	58.2	6.8	58.8	110.6	13.9
Malignant melanoma of skin (C43)	1	1	0	3.3	6.5	0.0	2.1	3.8	0.0
Malignant neoplasm of breast (C50)	4	0	4	13.3	0.0	27.2	12.0	0.0	25.1
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	...	...	6.8	...	...	13.9
Malignant neoplasm of prostate (C61)	...	2	...	...	12.9	...	...	24.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	2	2	0	6.6	12.9	0.0	8.6	15.0	0.0
Malignant neoplasm of bladder (C67)	1	1	0	3.3	6.5	0.0	5.9	10.3	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	2	2	0	6.6	12.9	0.0	11.5	23.2	0.0
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3.3</b>	<b>6.5</b>	<b>0.0</b>	<b>3.8</b>	<b>7.2</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)	1	1	0	3.3	6.5	0.0	3.8	7.2	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)	6	2	4	19.9	12.9	27.2	27.2	16.2	38.6
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)	1	1	0	3.3	6.5	0.0	5.8	11.6	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>	<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	1	0	3.3	6.5	0.0	8.6	21.9	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>36</b>	<b>20</b>	<b>16</b>	<b>119.3</b>	<b>129.3</b>	<b>108.7</b>	<b>222.1</b>	<b>224.7</b>	<b>214.6</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>27</b>	<b>16</b>	<b>11</b>	<b>89.5</b>	<b>103.5</b>	<b>74.8</b>	<b>165.8</b>	<b>174.9</b>	<b>151.1</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>19</b>	<b>12</b>	<b>7</b>	<b>63.0</b>	<b>77.6</b>	<b>47.6</b>	<b>115.6</b>	<b>133.6</b>	<b>97.1</b>
Acute myocardial infarction (I21-I22)	6	4	2	19.9	25.9	13.6	37.0	45.3	28.7
Other acute ischaemic heart diseases (I24)	2	2	0	6.6	12.9	0.0	8.6	15.0	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
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>11</b>	<b>6</b>	<b>5</b>	<b>36.4</b>	<b>38.8</b>	<b>34.0</b>	<b>70.0</b>	<b>73.4</b>	<b>68.4</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	3	2	1	9.9	12.9	6.8	14.5	15.0	13.9
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	8	4	4	26.5	25.9	27.2	55.5	58.5	54.5
<b>Other heart diseases (I26-I51)</b>	<b>8</b>	<b>4</b>	<b>4</b>	<b>26.5</b>	<b>25.9</b>	<b>27.2</b>	<b>50.2</b>	<b>41.3</b>	<b>54.0</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)	4	1	3	13.3	6.5	20.4	25.3	10.3	36.2
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	4	3	1	13.3	19.4	6.8	24.9	31.0	17.9
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)	7	3	4	23.2	19.4	27.2	42.2	36.1	49.0
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>2</b>	<b>1</b>	<b>1</b>	<b>6.6</b>	<b>6.5</b>	<b>6.8</b>	<b>14.1</b>	<b>13.7</b>	<b>14.6</b>
Aortic aneurysm and dissection (I71)	2	1	1	6.6	6.5	6.8	14.1	13.7	14.6
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other disorders of circulatory system (I80-I99)	1	0	1	3.3	0.0	6.8	5.8	0.0	11.5
<b>Influenza and pneumonia (J10-J18)</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>9.9</b>	<b>6.5</b>	<b>13.6</b>	<b>26.0</b>	<b>13.7</b>	<b>30.3</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia (J12-J18)	3	1	2	9.9	6.5	13.6	26.0	13.7	30.3
<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>	<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>5</b>	<b>4</b>	<b>1</b>	<b>16.6</b>	<b>25.9</b>	<b>6.8</b>	<b>33.9</b>	<b>59.0</b>	<b>14.2</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)	5	4	1	16.6	25.9	6.8	33.9	59.0	14.2
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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	1	0	1	3.3	0.0	6.8	11.3	0.0	17.9
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>3</b>	<b>2</b>	<b>1</b>	<b>9.9</b>	<b>12.9</b>	<b>6.8</b>	<b>11.0</b>	<b>16.2</b>	<b>5.2</b>
Alcoholic liver disease (K70)	2	1	1	6.6	6.5	6.8	8.3	11.6	5.2
Other chronic liver disease and cirrhosis (K73-K74)	1	1	0	3.3	6.5	0.0	2.7	4.7	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>2</b>	<b>0</b>	<b>6.6</b>	<b>12.9</b>	<b>0.0</b>	<b>13.0</b>	<b>24.0</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)	2	2	0	6.6	12.9	0.0	13.0	24.0	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	2	0	6.6	12.9	0.0	8.3	16.4	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	2	1	1	6.6	6.5	6.8	8.1	7.2	8.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	2	0	2	6.6	0.0	13.6	17.2	0.0	31.8
All other diseases (residual) <sup>7</sup>	18	10	8	59.6	64.7	54.4	105.8	105.4	97.7
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>8</b>	<b>6</b>	<b>2</b>	<b>26.5</b>	<b>38.8</b>	<b>13.6</b>	<b>36.8</b>	<b>53.3</b>	<b>20.6</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3.3</b>	<b>6.5</b>	<b>0.0</b>	<b>2.2</b>	<b>4.3</b>	<b>0.0</b>
Motor vehicle accidents <sup>8</sup>	0	0	0	0.0	0.0	0.0	0.0	0.0	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)	1	1	0	3.3	6.5	0.0	2.2	4.3	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>7</b>	<b>5</b>	<b>2</b>	<b>23.2</b>	<b>32.3</b>	<b>13.6</b>	<b>34.6</b>	<b>49.0</b>	<b>20.6</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)	0	0	0	0.0	0.0	0.0	0.0	0.0	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 1-12 – 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)	4	3	1	13.3	19.4	6.8	12.5	16.8	8.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	3	2	1	9.9	12.9	6.8	22.1	32.2	12.4
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>13.3</b>	<b>19.4</b>	<b>6.8</b>	<b>11.3</b>	<b>18.6</b>	<b>4.5</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	2	2	0	6.6	12.9	0.0	4.6	8.9	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	2	1	1	6.6	6.5	6.8	6.7	9.7	4.5
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>3.3</b>	<b>0.0</b>	<b>6.8</b>	<b>2.6</b>	<b>0.0</b>	<b>5.2</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)	1	0	1	3.3	0.0	6.8	2.6	0.0	5.2
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>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)	1	1	0	3.3	6.5	0.0	2.1	3.8	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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 — Footnotes 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>163</b>	<b>100</b>	<b>63</b>	<b>395.4</b>	<b>469.4</b>	<b>316.2</b>	<b>753.2</b>	<b>865.4</b>	<b>631.2</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)	2	1	1	4.9	4.7	5.0	8.9	5.2	13.0
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>	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Malignant neoplasms (C00-C97)</b>	<b>37</b>	<b>23</b>	<b>14</b>	<b>89.7</b>	<b>108.0</b>	<b>70.3</b>	<b>186.2</b>	<b>216.4</b>	<b>163.4</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	1	0	2.4	4.7	0.0	2.1	3.8	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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	2	2	0	4.9	9.4	0.0	8.2	16.2	0.0
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)	2	1	1	4.9	4.7	5.0	9.6	15.5	5.0
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)	8	5	3	19.4	23.5	15.1	49.6	59.8	37.4
Malignant melanoma of skin (C43)	1	1	0	2.4	4.7	0.0	2.1	4.0	0.0
Malignant neoplasm of breast (C50)	3	0	3	7.3	0.0	15.1	13.9	0.0	32.9
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	...	...	5.0	...	...	19.4
Malignant neoplasm of prostate (C61)	...	4	...	...	18.8	...	...	53.1	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	1	1	0	2.4	4.7	0.0	2.2	3.9	0.0
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2.4</b>	<b>0.0</b>	<b>5.0</b>	<b>6.0</b>	<b>0.0</b>	<b>11.5</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)	1	0	1	2.4	0.0	5.0	6.0	0.0	11.5
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)	13	8	5	31.5	37.6	25.1	59.8	60.0	57.2
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Anaemias (D50-D64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diabetes mellitus (E10-E14)	5	1	4	12.1	4.7	20.1	28.3	15.5	43.0
<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>	<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	1	0	2.4	4.7	0.0	4.1	8.0	0.0
Alzheimer's disease (G30)	1	1	0	2.4	4.7	0.0	7.4	15.5	0.0
<b>Major cardiovascular diseases (I00-I78)</b>	<b>32</b>	<b>19</b>	<b>13</b>	<b>77.6</b>	<b>89.2</b>	<b>65.2</b>	<b>170.8</b>	<b>208.1</b>	<b>129.4</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>23</b>	<b>15</b>	<b>8</b>	<b>55.8</b>	<b>70.4</b>	<b>40.2</b>	<b>117.2</b>	<b>163.6</b>	<b>70.1</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	2	2	0	4.9	9.4	0.0	8.1	16.5	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>9</b>	<b>8</b>	<b>1</b>	<b>21.8</b>	<b>37.6</b>	<b>5.0</b>	<b>49.6</b>	<b>85.6</b>	<b>13.0</b>
Acute myocardial infarction (I21-I22)	5	4	1	12.1	18.8	5.0	25.6	38.0	13.0
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 1-13 – 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>4</b>	<b>4</b>	<b>0</b>	<b>9.7</b>	<b>18.8</b>	<b>0.0</b>	<b>24.0</b>	<b>47.5</b>	<b>0.0</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	2	2	0	4.9	9.4	0.0	13.7	27.5	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	2	2	0	4.9	9.4	0.0	10.4	20.0	0.0
<b>Other heart diseases (I26-I51)</b>	<b>12</b>	<b>5</b>	<b>7</b>	<b>29.1</b>	<b>23.5</b>	<b>35.1</b>	<b>59.4</b>	<b>61.5</b>	<b>57.1</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)	1	0	1	2.4	0.0	5.0	2.3	0.0	4.7
Heart failure (I50)	8	4	4	19.4	18.8	20.1	44.3	50.9	34.9
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	3	1	2	7.3	4.7	10.0	12.8	10.6	17.5
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)	8	3	5	19.4	14.1	25.1	49.5	36.6	59.3
Atherosclerosis (I70)	1	1	0	2.4	4.7	0.0	4.1	8.0	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>7</b>	<b>3</b>	<b>4</b>	<b>17.0</b>	<b>14.1</b>	<b>20.1</b>	<b>36.2</b>	<b>24.2</b>	<b>38.2</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia (J12-J18)	7	3	4	17.0	14.1	20.1	36.2	24.2	38.2
<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>8</b>	<b>4</b>	<b>4</b>	<b>19.4</b>	<b>18.8</b>	<b>20.1</b>	<b>46.5</b>	<b>46.4</b>	<b>49.1</b>
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Emphysema (J43)	2	2	0	4.9	9.4	0.0	11.5	23.4	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	2	4	14.6	9.4	20.1	34.9	22.9	49.1
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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	1	0	1	2.4	0.0	5.0	4.1	0.0	8.5
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>6</b>	<b>4</b>	<b>2</b>	<b>14.6</b>	<b>18.8</b>	<b>10.0</b>	<b>28.6</b>	<b>40.8</b>	<b>16.5</b>
Alcoholic liver disease (K70)	5	3	2	12.1	14.1	10.0	25.6	35.8	16.5
Other chronic liver disease and cirrhosis (K73-K74)	1	1	0	2.4	4.7	0.0	3.0	5.1	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>0</b>	<b>2</b>	<b>4.9</b>	<b>0.0</b>	<b>10.0</b>	<b>14.1</b>	<b>0.0</b>	<b>25.5</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	0	2	4.9	0.0	10.0	14.1	0.0	25.5
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)	2	2	0	4.9	9.4	0.0	4.7	9.4	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	10	7	3	24.3	32.9	15.1	43.0	54.6	28.8
All other diseases (residual) <sup>7</sup>	18	10	8	43.7	46.9	40.2	80.6	90.9	71.6
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>20</b>	<b>14</b>	<b>6</b>	<b>48.5</b>	<b>65.7</b>	<b>30.1</b>	<b>60.1</b>	<b>78.3</b>	<b>37.1</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>9</b>	<b>6</b>	<b>3</b>	<b>21.8</b>	<b>28.2</b>	<b>15.1</b>	<b>23.7</b>	<b>34.1</b>	<b>12.8</b>
Motor vehicle accidents <sup>8</sup>	3	3	0	7.3	14.1	0.0	6.8	13.0	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)	6	3	3	14.6	14.1	15.1	16.9	21.1	12.8
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>11</b>	<b>8</b>	<b>3</b>	<b>26.7</b>	<b>37.6</b>	<b>15.1</b>	<b>36.4</b>	<b>44.2</b>	<b>24.2</b>
Falls (W00-W19)	2	1	1	4.9	4.7	5.0	15.0	12.5	14.3
Accidental discharge of firearms (W32-W34)	1	1	0	2.4	4.7	0.0	2.5	5.0	0.0
Accidental drowning and submersion (W65-W74)	2	2	0	4.9	9.4	0.0	4.7	9.2	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)	4	2	2	9.7	9.4	10.0	9.7	8.9	10.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	2	2	0	4.9	9.4	0.0	4.5	8.6	0.0
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>8</b>	<b>7</b>	<b>1</b>	<b>19.4</b>	<b>32.9</b>	<b>5.0</b>	<b>18.9</b>	<b>30.7</b>	<b>7.1</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	6	6	0	14.6	28.2	0.0	13.4	25.6	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	2	1	1	4.9	4.7	5.0	5.5	5.0	7.1
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>4.9</b>	<b>9.4</b>	<b>0.0</b>	<b>4.7</b>	<b>9.2</b>	<b>0.0</b>
Assault (homicide) by discharge of firearms (X93-X95)	1	1	0	2.4	4.7	0.0	2.6	5.2	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	1	1	0	2.4	4.7	0.0	2.1	4.0	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>1</b>	<b>1</b>	<b>0</b>	<b>2.4</b>	<b>4.7</b>	<b>0.0</b>	<b>6.0</b>	<b>12.3</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	2.4	4.7	0.0	6.0	12.3	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)	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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 — Footnotes 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)</b> <sup>3, 4, 5</sup>	<b>123</b>	<b>79</b>	<b>44</b>	<b>437.5</b>	<b>537.9</b>	<b>327.7</b>	<b>968.6</b>	<b>940.1</b>	<b>995.7</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)	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)	3	2	1	10.7	13.6	7.4	21.3	34.2	9.4
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	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>35</b>	<b>16</b>	<b>19</b>	<b>124.5</b>	<b>108.9</b>	<b>141.5</b>	<b>399.4</b>	<b>305.1</b>	<b>579.0</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	2	1	1	7.1	6.8	7.4	11.0	6.6	16.2
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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	5	5	0	17.8	34.0	0.0	75.9	134.0	0.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1	0	1	3.6	0.0	7.4	14.6	0.0	28.2
Malignant neoplasm of pancreas (C25)	1	0	1	3.6	0.0	7.4	11.8	0.0	28.8
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)	18	8	10	64.0	54.5	74.5	190.8	131.3	292.8
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)	2	0	2	7.1	0.0	14.9	8.3	0.0	18.0
Malignant neoplasm of cervix uteri (C53)	...	...	1	...	...	7.4	...	...	11.3
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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<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)	5	2	3	17.8	13.6	22.3	81.7	33.2	183.7
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>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)	2	2	0	7.1	13.6	0.0	5.8	11.5	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>13</b>	<b>10</b>	<b>3</b>	<b>46.2</b>	<b>68.1</b>	<b>22.3</b>	<b>146.1</b>	<b>174.2</b>	<b>41.7</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>10</b>	<b>8</b>	<b>2</b>	<b>35.6</b>	<b>54.5</b>	<b>14.9</b>	<b>119.9</b>	<b>145.1</b>	<b>20.9</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>6</b>	<b>5</b>	<b>1</b>	<b>21.3</b>	<b>34.0</b>	<b>7.4</b>	<b>56.3</b>	<b>86.7</b>	<b>20.9</b>
Acute myocardial infarction (I21-I22)	1	1	0	3.6	6.8	0.0	3.8	7.3	0.0
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 1-14 – 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>5</b>	<b>4</b>	<b>1</b>	<b>17.8</b>	<b>27.2</b>	<b>7.4</b>	<b>52.6</b>	<b>79.4</b>	<b>20.9</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)	5	4	1	17.8	27.2	7.4	52.6	79.4	20.9
<b>Other heart diseases (I26-I51)</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>14.2</b>	<b>20.4</b>	<b>7.4</b>	<b>63.6</b>	<b>58.4</b>	<b>0.0</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)	1	1	0	3.6	6.8	0.0	14.6	30.3	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	3	2	1	10.7	13.6	7.4	49.0	28.2	0.0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1	1	0	3.6	6.8	0.0	4.6	9.1	0.0
Cerebrovascular diseases (I60-I69)	2	1	1	7.1	6.8	7.4	21.5	20.0	20.9
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>3.6</b>	<b>0.0</b>	<b>7.4</b>	<b>14.6</b>	<b>0.0</b>	<b>28.2</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	3.6	0.0	7.4	14.6	0.0	28.2
<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>10</b>	<b>4</b>	<b>6</b>	<b>35.6</b>	<b>27.2</b>	<b>44.7</b>	<b>146.2</b>	<b>100.3</b>	<b>184.7</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)	10	4	6	35.6	27.2	44.7	146.2	100.3	184.7
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	1	1	0	3.6	6.8	0.0	11.8	20.0	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>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>
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	1	0	1	3.6	0.0	7.4	4.0	0.0	8.7
<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	0	2	7.1	0.0	14.9	4.0	0.0	8.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	6	4	2	21.3	27.2	14.9	21.9	15.9	32.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	5	4	1	17.8	27.2	7.4	19.6	30.2	7.8
All other diseases (residual) <sup>7</sup>	5	2	3	17.8	13.6	22.3	52.0	38.2	65.7
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>12</b>	<b>10</b>	<b>2</b>	<b>42.7</b>	<b>68.1</b>	<b>14.9</b>	<b>39.1</b>	<b>63.7</b>	<b>13.6</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>7.1</b>	<b>13.6</b>	<b>0.0</b>	<b>7.7</b>	<b>15.3</b>	<b>0.0</b>
Motor vehicle accidents <sup>8</sup>	1	1	0	3.6	6.8	0.0	3.1	6.2	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)	1	1	0	3.6	6.8	0.0	4.6	9.1	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>10</b>	<b>8</b>	<b>2</b>	<b>35.6</b>	<b>54.5</b>	<b>14.9</b>	<b>31.4</b>	<b>48.3</b>	<b>13.6</b>
Falls (W00-W19)	2	2	0	7.1	13.6	0.0	5.2	10.4	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)	2	2	0	7.1	13.6	0.0	5.2	10.4	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)	2	1	1	7.1	6.8	7.4	7.7	6.2	9.4
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	4	3	1	14.2	20.4	7.4	13.2	21.4	4.2
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>26</b>	<b>23</b>	<b>3</b>	<b>92.5</b>	<b>156.6</b>	<b>22.3</b>	<b>77.5</b>	<b>136.9</b>	<b>15.8</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	5	5	0	17.8	34.0	0.0	15.4	29.6	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	21	18	3	74.7	122.5	22.3	62.1	107.3	15.8
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3.6</b>	<b>6.8</b>	<b>0.0</b>	<b>5.3</b>	<b>9.9</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)	1	1	0	3.6	6.8	0.0	5.3	9.9	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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 — Footnotes 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>1,739</b>	<b>997</b>	<b>742</b>	<b>521.1</b>	<b>582.5</b>	<b>456.4</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)	4	2	2	1.2	1.2	1.2
Septicaemia (A40-A41)	12	10	2	3.6	5.8	1.2
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	1	0	1	0.3	0.0	0.6
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>	10	9	1	3.0	5.3	0.6
<b>Malignant neoplasms (C00-C97)</b>	<b>7</b>	<b>4</b>	<b>3</b>	<b>2.1</b>	<b>2.3</b>	<b>1.8</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)	3	2	1	0.9	1.2	0.6
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>0.9</b>	<b>0.6</b>	<b>1.2</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	1	2	0.9	0.6	1.2
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	1	1	0	0.3	0.6	0.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	6	3	3	1.8	1.8	1.8
Anaemias (D50-D64)	0	0	0	0.0	0.0	0.0
Diabetes mellitus (E10-E14)	0	0	0	0.0	0.0	0.0
<b>Nutritional deficiencies (E40-E64)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0.3</b>	<b>0.0</b>	<b>0.6</b>
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	1	0	1	0.3	0.0	0.6
Meningitis (G00, G03)	9	7	2	2.7	4.1	1.2
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0
<b>Major cardiovascular diseases (I00-I78)</b>	<b>25</b>	<b>11</b>	<b>14</b>	<b>7.5</b>	<b>6.4</b>	<b>8.6</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>21</b>	<b>10</b>	<b>11</b>	<b>6.3</b>	<b>5.8</b>	<b>6.8</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>21</b>	<b>10</b>	<b>11</b>	<b>6.3</b>	<b>5.8</b>	<b>6.8</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	0.6	0.6	0.6
Heart failure (I50)	1	1	0	0.3	0.6	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	18	8	10	5.4	4.7	6.2
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	4	1	3	1.2	0.6	1.8
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)	2	0	2	0.6	0.0	1.2
<b>Influenza and pneumonia (J10-J18)</b>	<b>16</b>	<b>10</b>	<b>6</b>	<b>4.8</b>	<b>5.8</b>	<b>3.7</b>
Influenza (J10-J11)	3	1	2	0.9	0.6	1.2
Pneumonia (J12-J18)	13	9	4	3.9	5.3	2.5
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>
Acute bronchitis and bronchiolitis (J20-J21)	4	2	2	1.2	1.2	1.2
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>0</b>	<b>1</b>	<b>0.3</b>	<b>0.0</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)	0	0	0	0.0	0.0	0.0
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0.0	0.0	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	2	1	1	0.6	0.6	0.6
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	5	4	1	1.5	2.3	0.6
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	1	1	0	0.3	0.6	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>1</b>	<b>2</b>	<b>0.9</b>	<b>0.6</b>	<b>1.2</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)	3	1	2	0.9	0.6	1.2
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
<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)	925	532	393	277.2	310.8	241.7
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	436	246	190	130.6	143.7	116.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	164	93	71	49.1	54.3	43.7
All other diseases (residual) <sup>11</sup>	70	40	30	21.0	23.4	18.5
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>27</b>	<b>16</b>	<b>11</b>	<b>8.1</b>	<b>9.3</b>	<b>6.8</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>1.8</b>
Motor vehicle accidents <sup>12</sup>	5	2	3	1.5	1.2	1.8
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>22</b>	<b>14</b>	<b>8</b>	<b>6.6</b>	<b>8.2</b>	<b>4.9</b>
Falls (W00-W19)	0	0	0	0.0	0.0	0.0
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	3	3	0	0.9	1.8	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	1	0	1	0.3	0.0	0.6
Accidental poisoning and exposure to noxious substances (X40-X49)	0	0	0	0.0	0.0	0.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	18	11	7	5.4	6.4	4.3
<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>5</b>	<b>3</b>	<b>2</b>	<b>1.5</b>	<b>1.8</b>	<b>1.2</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)	5	3	2	1.5	1.8	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>3</b>	<b>2</b>	<b>1</b>	<b>0.9</b>	<b>1.2</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)	3	2	1	0.9	1.2	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)	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>340</b>	<b>191</b>	<b>149</b>	<b>24.3</b>	<b>26.7</b>	<b>21.8</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)	2	0	2	0.1	0.0	0.3
<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)	3	1	2	0.2	0.1	0.3
Septicaemia (A40-A41)	11	6	5	0.8	0.8	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)	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>	5	2	3	0.4	0.3	0.4
<b>Malignant neoplasms (C00-C97)</b>	<b>45</b>	<b>31</b>	<b>14</b>	<b>3.2</b>	<b>4.3</b>	<b>2.1</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)	1	1	0	0.1	0.1	0.0
Malignant neoplasm of pancreas (C25)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0.0	0.0	0.0
Malignant melanoma of skin (C43)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of breast (C50)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of cervix uteri (C53)	...	...	0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	0	...	...	0.0
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	6	4	2	0.4	0.6	0.3
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	16	12	4	1.1	1.7	0.6
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>16</b>	<b>9</b>	<b>7</b>	<b>1.1</b>	<b>1.3</b>	<b>1.0</b>
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	1	1	0	0.1	0.1	0.0
Leukaemia (C91-C95)	15	8	7	1.1	1.1	1.0
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)	6	5	1	0.4	0.7	0.1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	6	3	3	0.4	0.4	0.4
Anaemias (D50-D64)	2	1	1	0.1	0.1	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)	2	0	2	0.1	0.0	0.3
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>12</b>	<b>7</b>	<b>5</b>	<b>0.9</b>	<b>1.0</b>	<b>0.7</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>7</b>	<b>3</b>	<b>4</b>	<b>0.5</b>	<b>0.4</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 2-2 – 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>7</b>	<b>3</b>	<b>4</b>	<b>0.5</b>	<b>0.4</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)	0	0	0	0.0	0.0	0.0
Heart failure (I50)	0	0	0	0.0	0.0	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	7	3	4	0.5	0.4	0.6
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	5	4	1	0.4	0.6	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>4</b>	<b>2</b>	<b>2</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>
Influenza (J10-J11)	1	0	1	0.1	0.0	0.1
Pneumonia (J12-J18)	3	2	1	0.2	0.3	0.1
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>
Acute bronchitis and bronchiolitis (J20-J21)	4	2	2	0.3	0.3	0.3
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>0</b>	<b>1</b>	<b>0.1</b>	<b>0.0</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	0.1	0.0	0.1
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)	2	1	1	0.1	0.1	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	3	3	0	0.2	0.4	0.0
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	1	1	0	0.1	0.1	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)	1	0	1	0.1	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)	5	4	1	0.4	0.6	0.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	41	26	15	2.9	3.6	2.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	20	10	10	1.4	1.4	1.5
All other diseases (residual) <sup>11</sup>	54	20	34	3.9	2.8	5.0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>97</b>	<b>63</b>	<b>34</b>	<b>6.9</b>	<b>8.8</b>	<b>5.0</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>45</b>	<b>29</b>	<b>16</b>	<b>3.2</b>	<b>4.0</b>	<b>2.3</b>
Motor vehicle accidents <sup>12</sup>	38	27	11	2.7	3.8	1.6
Other land transport accidents <sup>13</sup>	5	1	4	0.4	0.1	0.6

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)	2	1	1	0.1	0.1	0.1
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>52</b>	<b>34</b>	<b>18</b>	<b>3.7</b>	<b>4.7</b>	<b>2.6</b>
Falls (W00-W19)	2	0	2	0.1	0.0	0.3
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	17	11	6	1.2	1.5	0.9
Accidental exposure to smoke, fire and flames (X00-X09)	16	11	5	1.1	1.5	0.7
Accidental poisoning and exposure to noxious substances (X40-X49)	0	0	0	0.0	0.0	0.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	17	12	5	1.2	1.7	0.7
<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>14</b>	<b>6</b>	<b>8</b>	<b>1.0</b>	<b>0.8</b>	<b>1.2</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)	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>5</b>	<b>2</b>	<b>3</b>	<b>0.4</b>	<b>0.3</b>	<b>0.4</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	2	3	0.4	0.3	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>245</b>	<b>132</b>	<b>113</b>	<b>12.1</b>	<b>12.7</b>	<b>11.4</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)	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)	2	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	2	1	1	0.1	0.1	0.1
Septicaemia (A40-A41)	5	3	2	0.2	0.3	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>	2	2	0	0.1	0.2	0.0
<b>Malignant neoplasms (C00-C97)</b>	<b>57</b>	<b>32</b>	<b>25</b>	<b>2.8</b>	<b>3.1</b>	<b>2.5</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)	3	0	3	0.1	0.0	0.3
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)	19	11	8	0.9	1.1	0.8
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>15</b>	<b>9</b>	<b>6</b>	<b>0.7</b>	<b>0.9</b>	<b>0.6</b>
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	3	2	1	0.1	0.2	0.1
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)	20	12	8	1.0	1.2	0.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	2	1	1	0.1	0.1	0.1
Anaemias (D50-D64)	0	0	0	0.0	0.0	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)	0	0	0	0.0	0.0	0.0
Parkinson's disease (G20-G21)	1	1	0	0.0	0.1	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0
<b>Major cardiovascular diseases (I00-I78)</b>	<b>13</b>	<b>8</b>	<b>5</b>	<b>0.6</b>	<b>0.8</b>	<b>0.5</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>10</b>	<b>5</b>	<b>5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0.0	0.0	0.0
Hypertensive heart disease (I11)	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>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>10</b>	<b>5</b>	<b>5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>
Acute and subacute endocarditis (I33)	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
Heart failure (I50)	0	0	0	0.0	0.0	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	10	5	5	0.5	0.5	0.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	3	3	0	0.1	0.3	0.0
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>1</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	1	1	0	0.0	0.1	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>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</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)	0	0	0	0.0	0.0	0.0
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0.0	0.0	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	4	2	2	0.2	0.2	0.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	1	0	1	0.0	0.0	0.1
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	1	1	0	0.0	0.1	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>0.1</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)	1	1	0	0.0	0.1	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
<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)	1	1	0	0.0	0.1	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	18	5	13	0.9	0.5	1.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	7	3	4	0.3	0.3	0.4
All other diseases (residual) <sup>11</sup>	31	18	13	1.5	1.7	1.3
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>87</b>	<b>50</b>	<b>37</b>	<b>4.3</b>	<b>4.8</b>	<b>3.7</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>55</b>	<b>27</b>	<b>28</b>	<b>2.7</b>	<b>2.6</b>	<b>2.8</b>
Motor vehicle accidents <sup>12</sup>	50	23	27	2.5	2.2	2.7
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 2-3 – 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)	0	0	0	0.0	0.0	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>32</b>	<b>23</b>	<b>9</b>	<b>1.6</b>	<b>2.2</b>	<b>0.9</b>
Falls (W00-W19)	1	1	0	0.0	0.1	0.0
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	10	10	0	0.5	1.0	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	13	6	7	0.6	0.6	0.7
Accidental poisoning and exposure to noxious substances (X40-X49)	1	1	0	0.0	0.1	0.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	7	5	2	0.3	0.5	0.2
<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>8</b>	<b>1</b>	<b>7</b>	<b>0.4</b>	<b>0.1</b>	<b>0.7</b>
Assault (homicide) by discharge of firearms (X93-X95)	1	0	1	0.0	0.0	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	7	1	6	0.3	0.1	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>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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>286</b>	<b>163</b>	<b>123</b>	<b>13.8</b>	<b>15.3</b>	<b>12.1</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)	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)	1	1	0	0.0	0.1	0.0
Septicaemia (A40-A41)	2	2	0	0.1	0.2	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>	0	0	0	0.0	0.0	0.0
<b>Malignant neoplasms (C00-C97)</b>	<b>44</b>	<b>25</b>	<b>19</b>	<b>2.1</b>	<b>2.3</b>	<b>1.9</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)	1	0	1	0.0	0.0	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)	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)	3	1	2	0.1	0.1	0.2
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)	14	7	7	0.7	0.7	0.7
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>14</b>	<b>10</b>	<b>4</b>	<b>0.7</b>	<b>0.9</b>	<b>0.4</b>
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	4	2	2	0.2	0.2	0.2
Leukaemia (C91-C95)	10	8	2	0.5	0.8	0.2
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	11	7	4	0.5	0.7	0.4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	5	1	4	0.2	0.1	0.4
Anaemias (D50-D64)	1	1	0	0.0	0.1	0.0
Diabetes mellitus (E10-E14)	1	0	1	0.0	0.0	0.1
<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)	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>13</b>	<b>7</b>	<b>6</b>	<b>0.6</b>	<b>0.7</b>	<b>0.6</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>9</b>	<b>5</b>	<b>4</b>	<b>0.4</b>	<b>0.5</b>	<b>0.4</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>9</b>	<b>5</b>	<b>4</b>	<b>0.4</b>	<b>0.5</b>	<b>0.4</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)	0	0	0	0.0	0.0	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	8	5	3	0.4	0.5	0.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	4	2	2	0.2	0.2	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>1</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	1	1	0	0.0	0.1	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>2</b>	<b>0</b>	<b>2</b>	<b>0.1</b>	<b>0.0</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	0	1	0.0	0.0	0.1
Other chronic lower respiratory diseases (J44, J47)	1	0	1	0.0	0.0	0.1
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	2	1	1	0.1	0.1	0.1
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)	2	1	1	0.1	0.1	0.1
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)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	17	8	9	0.8	0.8	0.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	19	8	11	0.9	0.8	1.1
All other diseases (residual) <sup>11</sup>	35	16	19	1.7	1.5	1.9
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>102</b>	<b>68</b>	<b>34</b>	<b>4.9</b>	<b>6.4</b>	<b>3.4</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>62</b>	<b>42</b>	<b>20</b>	<b>3.0</b>	<b>3.9</b>	<b>2.0</b>
Motor vehicle accidents <sup>12</sup>	55	37	18	2.6	3.5	1.8
Other land transport accidents <sup>13</sup>	5	5	0	0.2	0.5	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
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	2	0	2	0.1	0.0	0.2
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>40</b>	<b>26</b>	<b>14</b>	<b>1.9</b>	<b>2.4</b>	<b>1.4</b>
Falls (W00-W19)	3	3	0	0.1	0.3	0.0
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	10	6	4	0.5	0.6	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	7	3	4	0.3	0.3	0.4
Accidental poisoning and exposure to noxious substances (X40-X49)	4	2	2	0.2	0.2	0.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	16	12	4	0.8	1.1	0.4
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>27</b>	<b>14</b>	<b>13</b>	<b>1.3</b>	<b>1.3</b>	<b>1.3</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	2	2	0	0.1	0.2	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	25	12	13	1.2	1.1	1.3
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>8</b>	<b>6</b>	<b>2</b>	<b>0.4</b>	<b>0.6</b>	<b>0.2</b>
Assault (homicide) by discharge of firearms (X93-X95)	2	1	1	0.1	0.1	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	6	5	1	0.3	0.5	0.1
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>1</b>	<b>1</b>	<b>0</b>	<b>0.0</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	0.0	0.1	0.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	1	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>1,033</b>	<b>728</b>	<b>305</b>	<b>49.5</b>	<b>68.0</b>	<b>30.0</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)	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)	4	1	3	0.2	0.1	0.3
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)	1	0	1	0.0	0.0	0.1
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	0	0	0	0.0	0.0	0.0
<b>Malignant neoplasms (C00-C97)</b>	<b>77</b>	<b>48</b>	<b>29</b>	<b>3.7</b>	<b>4.5</b>	<b>2.9</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	2	1	1	0.1	0.1	0.1
Malignant neoplasms of colon, rectum and anus (C18-C21)	1	0	1	0.0	0.0	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)	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)	...	...	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)	10	6	4	0.5	0.6	0.4
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>38</b>	<b>23</b>	<b>15</b>	<b>1.8</b>	<b>2.1</b>	<b>1.5</b>
Hodgkin's disease (C81)	2	1	1	0.1	0.1	0.1
Non-Hodgkin's lymphoma (C82-C85)	11	6	5	0.5	0.6	0.5
Leukaemia (C91-C95)	25	16	9	1.2	1.5	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)	23	17	6	1.1	1.6	0.6
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)	3	2	1	0.1	0.2	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)	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>33</b>	<b>22</b>	<b>11</b>	<b>1.6</b>	<b>2.1</b>	<b>1.1</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>30</b>	<b>21</b>	<b>9</b>	<b>1.4</b>	<b>2.0</b>	<b>0.9</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>29</b>	<b>20</b>	<b>9</b>	<b>1.4</b>	<b>1.9</b>	<b>0.9</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	2	2	0.2	0.2	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)	24	17	7	1.2	1.6	0.7
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	3	1	2	0.1	0.1	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>5</b>	<b>2</b>	<b>3</b>	<b>0.2</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	0.2	0.2	0.3
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>
Acute bronchitis and bronchiolitis (J20-J21)	1	1	0	0.0	0.1	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>6</b>	<b>2</b>	<b>4</b>	<b>0.3</b>	<b>0.2</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	2	3	0.2	0.2	0.3
Other chronic lower respiratory diseases (J44, J47)	1	0	1	0.0	0.0	0.1
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	0	0	0	0.0	0.0	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	4	0	4	0.2	0.0	0.4
Peptic ulcer (K25-K28)	1	1	0	0.0	0.1	0.0
Diseases of appendix (K35-K38)	1	0	1	0.0	0.0	0.1
Hernia (K40-K46)	1	1	0	0.0	0.1	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>1</b>	<b>2</b>	<b>0.1</b>	<b>0.1</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)	3	1	2	0.1	0.1	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)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	30	19	11	1.4	1.8	1.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	47	30	17	2.3	2.8	1.7
All other diseases (residual) <sup>11</sup>	67	39	28	3.2	3.6	2.8
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>472</b>	<b>350</b>	<b>122</b>	<b>22.6</b>	<b>32.7</b>	<b>12.0</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>367</b>	<b>267</b>	<b>100</b>	<b>17.6</b>	<b>24.9</b>	<b>9.9</b>
Motor vehicle accidents <sup>12</sup>	309	220	89	14.8	20.5	8.8
Other land transport accidents <sup>13</sup>	49	40	9	2.3	3.7	0.9

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)	9	7	2	0.4	0.7	0.2
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>105</b>	<b>83</b>	<b>22</b>	<b>5.0</b>	<b>7.7</b>	<b>2.2</b>
Falls (W00-W19)	8	8	0	0.4	0.7	0.0
Accidental discharge of firearms (W32-W34)	2	2	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	30	26	4	1.4	2.4	0.4
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)	21	13	8	1.0	1.2	0.8
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	38	30	8	1.8	2.8	0.8
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>207</b>	<b>156</b>	<b>51</b>	<b>9.9</b>	<b>14.6</b>	<b>5.0</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	30	26	4	1.4	2.4	0.4
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	177	130	47	8.5	12.1	4.6
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>42</b>	<b>32</b>	<b>10</b>	<b>2.0</b>	<b>3.0</b>	<b>1.0</b>
Assault (homicide) by discharge of firearms (X93-X95)	15	14	1	0.7	1.3	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	27	18	9	1.3	1.7	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>17</b>	<b>14</b>	<b>3</b>	<b>0.8</b>	<b>1.3</b>	<b>0.3</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)	16	13	3	0.8	1.2	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)	1	0	1	0.0	0.0	0.1

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>1,267</b>	<b>943</b>	<b>324</b>	<b>59.8</b>	<b>87.2</b>	<b>31.2</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)	0	0	0	0.0	0.0	0.0
<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)	3	2	1	0.1	0.2	0.1
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	1	0	0.0	0.1	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	4	4	0	0.2	0.4	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	1	0	1	0.0	0.0	0.1
<b>Malignant neoplasms (C00-C97)</b>	<b>75</b>	<b>45</b>	<b>30</b>	<b>3.5</b>	<b>4.2</b>	<b>2.9</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)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	1	0	1	0.0	0.0	0.1
Malignant neoplasms of colon, rectum and anus (C18-C21)	2	2	0	0.1	0.2	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)	0	0	0	0.0	0.0	0.0
Malignant melanoma of skin (C43)	3	3	0	0.1	0.3	0.0
Malignant neoplasm of breast (C50)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of cervix uteri (C53)	...	...	1	...	...	0.1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	1	...	...	0.1
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	2	1	1	0.1	0.1	0.1
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	12	8	4	0.6	0.7	0.4
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>28</b>	<b>13</b>	<b>15</b>	<b>1.3</b>	<b>1.2</b>	<b>1.4</b>
Hodgkin's disease (C81)	8	3	5	0.4	0.3	0.5
Non-Hodgkin's lymphoma (C82-C85)	9	3	6	0.4	0.3	0.6
Leukaemia (C91-C95)	11	7	4	0.5	0.6	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)	20	15	5	0.9	1.4	0.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	5	4	1	0.2	0.4	0.1
Anaemias (D50-D64)	3	1	2	0.1	0.1	0.2
Diabetes mellitus (E10-E14)	13	8	5	0.6	0.7	0.5
<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>
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	0	0	0	0.0	0.0	0.0
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0
<b>Major cardiovascular diseases (I00-I78)</b>	<b>43</b>	<b>21</b>	<b>22</b>	<b>2.0</b>	<b>1.9</b>	<b>2.1</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>30</b>	<b>12</b>	<b>18</b>	<b>1.4</b>	<b>1.1</b>	<b>1.7</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>1</b>	<b>1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</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>2</b>	<b>1</b>	<b>1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</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)	2	1	1	0.1	0.1	0.1
<b>Other heart diseases (I26-I51)</b>	<b>28</b>	<b>11</b>	<b>17</b>	<b>1.3</b>	<b>1.0</b>	<b>1.6</b>
Acute and subacute endocarditis (I33)	1	0	1	0.0	0.0	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	0	1	0.0	0.0	0.1
Heart failure (I50)	2	2	0	0.1	0.2	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	24	9	15	1.1	0.8	1.4
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	10	7	3	0.5	0.6	0.3
Atherosclerosis (I70)	1	1	0	0.0	0.1	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0.1</b>	<b>0.1</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)	2	1	1	0.1	0.1	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>2</b>	<b>1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	3	2	1	0.1	0.2	0.1
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>
Acute bronchitis and bronchiolitis (J20-J21)	1	1	0	0.0	0.1	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>7</b>	<b>5</b>	<b>2</b>	<b>0.3</b>	<b>0.5</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)	6	4	2	0.3	0.4	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	1	1	0.1	0.1	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	3	2	1	0.1	0.2	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>4</b>	<b>2</b>	<b>2</b>	<b>0.2</b>	<b>0.2</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)	4	2	2	0.2	0.2	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>4</b>	<b>...</b>	<b>...</b>	<b>0.4</b>
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	4	...	...	0.4
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)	19	7	12	0.9	0.6	1.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	53	37	16	2.5	3.4	1.5
All other diseases (residual) <sup>11</sup>	105	62	43	5.0	5.7	4.1
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>520</b>	<b>413</b>	<b>107</b>	<b>24.5</b>	<b>38.2</b>	<b>10.3</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>375</b>	<b>295</b>	<b>80</b>	<b>17.7</b>	<b>27.3</b>	<b>7.7</b>
Motor vehicle accidents <sup>12</sup>	332	256	76	15.7	23.7	7.3
Other land transport accidents <sup>13</sup>	29	25	4	1.4	2.3	0.4

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)	14	14	0	0.7	1.3	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>145</b>	<b>118</b>	<b>27</b>	<b>6.8</b>	<b>10.9</b>	<b>2.6</b>
Falls (W00-W19)	23	21	2	1.1	1.9	0.2
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	24	20	4	1.1	1.8	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	6	5	1	0.3	0.5	0.1
Accidental poisoning and exposure to noxious substances (X40-X49)	49	33	16	2.3	3.1	1.5
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	43	39	4	2.0	3.6	0.4
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>296</b>	<b>242</b>	<b>54</b>	<b>14.0</b>	<b>22.4</b>	<b>5.2</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	44	43	1	2.1	4.0	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	252	199	53	11.9	18.4	5.1
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>66</b>	<b>59</b>	<b>7</b>	<b>3.1</b>	<b>5.5</b>	<b>0.7</b>
Assault (homicide) by discharge of firearms (X93-X95)	31	28	3	1.5	2.6	0.3
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	35	31	4	1.7	2.9	0.4
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>28</b>	<b>19</b>	<b>9</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)	28	19	9	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)	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>1,238</b>	<b>886</b>	<b>352</b>	<b>58.4</b>	<b>82.4</b>	<b>33.6</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)	4	3	1	0.2	0.3	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)	11	6	5	0.5	0.6	0.5
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>121</b>	<b>58</b>	<b>63</b>	<b>5.7</b>	<b>5.4</b>	<b>6.0</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	0	1	0.0	0.0	0.1
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	8	3	5	0.4	0.3	0.5
Malignant neoplasms of colon, rectum and anus (C18-C21)	3	1	2	0.1	0.1	0.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of pancreas (C25)	2	0	2	0.1	0.0	0.2
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2	1	1	0.1	0.1	0.1
Malignant melanoma of skin (C43)	8	2	6	0.4	0.2	0.6
Malignant neoplasm of breast (C50)	4	0	4	0.2	0.0	0.4
Malignant neoplasm of cervix uteri (C53)	...	...	6	...	...	0.6
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	1	...	...	0.1
Malignant neoplasm of ovary (C56)	...	...	2	...	...	0.2
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	2	0	2	0.1	0.0	0.2
Malignant neoplasm of bladder (C67)	2	1	1	0.1	0.1	0.1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	16	11	5	0.8	1.0	0.5
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>32</b>	<b>18</b>	<b>14</b>	<b>1.5</b>	<b>1.7</b>	<b>1.3</b>
Hodgkin's disease (C81)	9	5	4	0.4	0.5	0.4
Non-Hodgkin's lymphoma (C82-C85)	6	5	1	0.3	0.5	0.1
Leukaemia (C91-C95)	17	8	9	0.8	0.7	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)	31	20	11	1.5	1.9	1.1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	8	4	4	0.4	0.4	0.4
Anaemias (D50-D64)	3	1	2	0.1	0.1	0.2
Diabetes mellitus (E10-E14)	9	9	0	0.4	0.8	0.0
<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)	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>67</b>	<b>33</b>	<b>34</b>	<b>3.2</b>	<b>3.1</b>	<b>3.2</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>48</b>	<b>25</b>	<b>23</b>	<b>2.3</b>	<b>2.3</b>	<b>2.2</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 2-7 – 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)	1	0	1	0.0	0.0	0.1
<b>Ischaemic heart diseases (I20-I25)</b>	<b>11</b>	<b>9</b>	<b>2</b>	<b>0.5</b>	<b>0.8</b>	<b>0.2</b>
Acute myocardial infarction (I21-I22)	7	5	2	0.3	0.5	0.2
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>4</b>	<b>4</b>	<b>0</b>	<b>0.2</b>	<b>0.4</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)	4	4	0	0.2	0.4	0.0
<b>Other heart diseases (I26-I51)</b>	<b>36</b>	<b>16</b>	<b>20</b>	<b>1.7</b>	<b>1.5</b>	<b>1.9</b>
Acute and subacute endocarditis (I33)	3	0	3	0.1	0.0	0.3
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	1	0	0.0	0.1	0.0
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)	31	14	17	1.5	1.3	1.6
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	17	7	10	0.8	0.7	1.0
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0.1</b>	<b>0.1</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)	2	1	1	0.1	0.1	0.1
Other disorders of circulatory system (I80-I99)	2	1	1	0.1	0.1	0.1
<b>Influenza and pneumonia (J10-J18)</b>	<b>5</b>	<b>1</b>	<b>4</b>	<b>0.2</b>	<b>0.1</b>	<b>0.4</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	5	1	4	0.2	0.1	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>7</b>	<b>5</b>	<b>2</b>	<b>0.3</b>	<b>0.5</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)	7	5	2	0.3	0.5	0.2
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0.0	0.0	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	1	1	0	0.0	0.1	0.0
Pneumonitis due to solids and liquids (J69)	3	2	1	0.1	0.2	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	7	5	2	0.3	0.5	0.2
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	1	1	0	0.0	0.1	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
<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)	1	0	1	0.0	0.0	0.1
Other chronic liver disease and cirrhosis (K73-K74)	1	1	0	0.0	0.1	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</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)	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)	1	0	1	0.0	0.0	0.1
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>5</b>	<b>...</b>	<b>...</b>	<b>0.5</b>
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	5	...	...	0.5
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)	21	10	11	1.0	0.9	1.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	67	53	14	3.2	4.9	1.3
All other diseases (residual) <sup>11</sup>	101	51	50	4.8	4.7	4.8
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>402</b>	<b>326</b>	<b>76</b>	<b>19.0</b>	<b>30.3</b>	<b>7.3</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>234</b>	<b>191</b>	<b>43</b>	<b>11.0</b>	<b>17.8</b>	<b>4.1</b>
Motor vehicle accidents <sup>12</sup>	197	159	38	9.3	14.8	3.6
Other land transport accidents <sup>13</sup>	25	22	3	1.2	2.0	0.3

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)	12	10	2	0.6	0.9	0.2
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>168</b>	<b>135</b>	<b>33</b>	<b>7.9</b>	<b>12.6</b>	<b>3.2</b>
Falls (W00-W19)	8	5	3	0.4	0.5	0.3
Accidental discharge of firearms (W32-W34)	3	3	0	0.1	0.3	0.0
Accidental drowning and submersion (W65-W74)	19	19	0	0.9	1.8	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	16	9	7	0.8	0.8	0.7
Accidental poisoning and exposure to noxious substances (X40-X49)	75	55	20	3.5	5.1	1.9
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	47	44	3	2.2	4.1	0.3
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>288</b>	<b>240</b>	<b>48</b>	<b>13.6</b>	<b>22.3</b>	<b>4.6</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	41	38	3	1.9	3.5	0.3
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	247	202	45	11.6	18.8	4.3
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>50</b>	<b>40</b>	<b>10</b>	<b>2.4</b>	<b>3.7</b>	<b>1.0</b>
Assault (homicide) by discharge of firearms (X93-X95)	30	27	3	1.4	2.5	0.3
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	20	13	7	0.9	1.2	0.7
Legal intervention (Y35, Y89.0)	2	2	0	0.1	0.2	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>35</b>	<b>23</b>	<b>12</b>	<b>1.7</b>	<b>2.1</b>	<b>1.1</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)	33	21	12	1.6	2.0	1.1
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	3	3	0	0.1	0.3	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>1,616</b>	<b>1,101</b>	<b>515</b>	<b>70.9</b>	<b>95.7</b>	<b>45.6</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)	1	0	1	0.0	0.0	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)	1	1	0	0.0	0.1	0.0
Septicaemia (A40-A41)	11	6	5	0.5	0.5	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)	3	2	1	0.1	0.2	0.1
Human immunodeficiency virus [HIV] disease (B20-B24)	45	37	8	2.0	3.2	0.7
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	0.3	0.3	0.3
<b>Malignant neoplasms (C00-C97)</b>	<b>274</b>	<b>134</b>	<b>140</b>	<b>12.0</b>	<b>11.7</b>	<b>12.4</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)	2	2	0	0.1	0.2	0.0
Malignant neoplasm of stomach (C16)	8	0	8	0.4	0.0	0.7
Malignant neoplasms of colon, rectum and anus (C18-C21)	22	12	10	1.0	1.0	0.9
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	8	6	2	0.4	0.5	0.2
Malignant neoplasm of pancreas (C25)	3	1	2	0.1	0.1	0.2
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	13	5	8	0.6	0.4	0.7
Malignant melanoma of skin (C43)	11	6	5	0.5	0.5	0.4
Malignant neoplasm of breast (C50)	34	0	34	1.5	0.0	3.0
Malignant neoplasm of cervix uteri (C53)	...	...	14	...	...	1.2
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	2	...	...	0.2
Malignant neoplasm of ovary (C56)	...	...	7	...	...	0.6
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	4	3	1	0.2	0.3	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)	31	18	13	1.4	1.6	1.2
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>60</b>	<b>44</b>	<b>16</b>	<b>2.6</b>	<b>3.8</b>	<b>1.4</b>
Hodgkin's disease (C81)	6	4	2	0.3	0.3	0.2
Non-Hodgkin's lymphoma (C82-C85)	25	19	6	1.1	1.7	0.5
Leukaemia (C91-C95)	28	20	8	1.2	1.7	0.7
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	1	1	0	0.0	0.1	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)	53	36	17	2.3	3.1	1.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	8	3	5	0.4	0.3	0.4
Anaemias (D50-D64)	1	1	0	0.0	0.1	0.0
Diabetes mellitus (E10-E14)	22	17	5	1.0	1.5	0.4
<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>
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>131</b>	<b>78</b>	<b>53</b>	<b>5.8</b>	<b>6.8</b>	<b>4.7</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>87</b>	<b>53</b>	<b>34</b>	<b>3.8</b>	<b>4.6</b>	<b>3.0</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	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
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>34</b>	<b>25</b>	<b>9</b>	<b>1.5</b>	<b>2.2</b>	<b>0.8</b>
Acute myocardial infarction (I21-I22)	21	17	4	0.9	1.5	0.4
Other acute ischaemic heart diseases (I24)	3	3	0	0.1	0.3	0.0
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>10</b>	<b>5</b>	<b>5</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	2	0	2	0.1	0.0	0.2
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	8	5	3	0.4	0.4	0.3
<b>Other heart diseases (I26-I51)</b>	<b>51</b>	<b>26</b>	<b>25</b>	<b>2.2</b>	<b>2.3</b>	<b>2.2</b>
Acute and subacute endocarditis (I33)	2	0	2	0.1	0.0	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	1	1	0.1	0.1	0.1
Heart failure (I50)	5	2	3	0.2	0.2	0.3
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	42	23	19	1.8	2.0	1.7
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1	1	0	0.0	0.1	0.0
Cerebrovascular diseases (I60-I69)	27	11	16	1.2	1.0	1.4
Atherosclerosis (I70)	1	0	1	0.0	0.0	0.1
<b>Other diseases of circulatory system (I71-I78)</b>	<b>15</b>	<b>13</b>	<b>2</b>	<b>0.7</b>	<b>1.1</b>	<b>0.2</b>
Aortic aneurysm and dissection (I71)	12	11	1	0.5	1.0	0.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	3	2	1	0.1	0.2	0.1
Other disorders of circulatory system (I80-I99)	3	1	2	0.1	0.1	0.2
<b>Influenza and pneumonia (J10-J18)</b>	<b>8</b>	<b>6</b>	<b>2</b>	<b>0.4</b>	<b>0.5</b>	<b>0.2</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	8	6	2	0.4	0.5	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>9</b>	<b>6</b>	<b>3</b>	<b>0.4</b>	<b>0.5</b>	<b>0.3</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)	9	6	3	0.4	0.5	0.3
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0.0	0.0	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	1	0	1	0.0	0.0	0.1
Pneumonitis due to solids and liquids (J69)	1	0	1	0.0	0.0	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	8	3	5	0.4	0.3	0.4
Peptic ulcer (K25-K28)	4	4	0	0.2	0.3	0.0
Diseases of appendix (K35-K38)	1	1	0	0.0	0.1	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>17</b>	<b>12</b>	<b>5</b>	<b>0.7</b>	<b>1.0</b>	<b>0.4</b>
Alcoholic liver disease (K70)	15	12	3	0.7	1.0	0.3
Other chronic liver disease and cirrhosis (K73-K74)	2	0	2	0.1	0.0	0.2
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)	1	1	0	0.0	0.1	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>5</b>	<b>...</b>	<b>...</b>	<b>0.4</b>
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	5	...	...	0.4
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	13	5	0.8	1.1	0.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	79	56	23	3.5	4.9	2.0
All other diseases (residual) <sup>11</sup>	117	62	55	5.1	5.4	4.9
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>425</b>	<b>334</b>	<b>91</b>	<b>18.7</b>	<b>29.0</b>	<b>8.1</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>212</b>	<b>162</b>	<b>50</b>	<b>9.3</b>	<b>14.1</b>	<b>4.4</b>
Motor vehicle accidents <sup>12</sup>	169	124	45	7.4	10.8	4.0
Other land transport accidents <sup>13</sup>	23	21	2	1.0	1.8	0.2

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)	20	17	3	0.9	1.5	0.3
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>213</b>	<b>172</b>	<b>41</b>	<b>9.3</b>	<b>15.0</b>	<b>3.6</b>
Falls (W00-W19)	17	16	1	0.7	1.4	0.1
Accidental discharge of firearms (W32-W34)	4	3	1	0.2	0.3	0.1
Accidental drowning and submersion (W65-W74)	21	19	2	0.9	1.7	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	12	7	5	0.5	0.6	0.4
Accidental poisoning and exposure to noxious substances (X40-X49)	121	94	27	5.3	8.2	2.4
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	38	33	5	1.7	2.9	0.4
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>326</b>	<b>260</b>	<b>66</b>	<b>14.3</b>	<b>22.6</b>	<b>5.9</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	37	35	2	1.6	3.0	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	289	225	64	12.7	19.6	5.7
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>44</b>	<b>32</b>	<b>12</b>	<b>1.9</b>	<b>2.8</b>	<b>1.1</b>
Assault (homicide) by discharge of firearms (X93-X95)	18	13	5	0.8	1.1	0.4
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	26	19	7	1.1	1.7	0.6
Legal intervention (Y35, Y89.0)	3	3	0	0.1	0.3	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>34</b>	<b>20</b>	<b>14</b>	<b>1.5</b>	<b>1.7</b>	<b>1.2</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)	33	19	14	1.4	1.7	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)	3	1	2	0.1	0.1	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>2,649</b>	<b>1,667</b>	<b>982</b>	<b>99.7</b>	<b>124.3</b>	<b>74.6</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>4</b>	<b>2</b>	<b>2</b>	<b>0.2</b>	<b>0.1</b>	<b>0.2</b>
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	4	2	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)	2	1	1	0.1	0.1	0.1
Septicaemia (A40-A41)	17	12	5	0.6	0.9	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)	10	7	3	0.4	0.5	0.2
Human immunodeficiency virus [HIV] disease (B20-B24)	100	82	18	3.8	6.1	1.4
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	5	1	0.2	0.4	0.1
<b>Malignant neoplasms (C00-C97)</b>	<b>571</b>	<b>199</b>	<b>372</b>	<b>21.5</b>	<b>14.8</b>	<b>28.3</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	13	6	7	0.5	0.4	0.5
Malignant neoplasm of oesophagus (C15)	11	10	1	0.4	0.7	0.1
Malignant neoplasm of stomach (C16)	20	12	8	0.8	0.9	0.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	39	15	24	1.5	1.1	1.8
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	12	8	4	0.5	0.6	0.3
Malignant neoplasm of pancreas (C25)	7	4	3	0.3	0.3	0.2
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	74	27	47	2.8	2.0	3.6
Malignant melanoma of skin (C43)	19	10	9	0.7	0.7	0.7
Malignant neoplasm of breast (C50)	122	0	122	4.6	0.0	9.3
Malignant neoplasm of cervix uteri (C53)	...	...	25	...	...	1.9
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	3	...	...	0.2
Malignant neoplasm of ovary (C56)	...	...	20	...	...	1.5
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	6	5	1	0.2	0.4	0.1
Malignant neoplasm of bladder (C67)	2	1	1	0.1	0.1	0.1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	65	37	28	2.4	2.8	2.1
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>64</b>	<b>33</b>	<b>31</b>	<b>2.4</b>	<b>2.5</b>	<b>2.4</b>
Hodgkin's disease (C81)	6	3	3	0.2	0.2	0.2
Non-Hodgkin's lymphoma (C82-C85)	31	18	13	1.2	1.3	1.0
Leukaemia (C91-C95)	25	11	14	0.9	0.8	1.1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	2	1	1	0.1	0.1	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)	69	31	38	2.6	2.3	2.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	14	7	7	0.5	0.5	0.5
Anaemias (D50-D64)	4	1	3	0.2	0.1	0.2
Diabetes mellitus (E10-E14)	48	29	19	1.8	2.2	1.4
<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>
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)	4	3	1	0.2	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>262</b>	<b>178</b>	<b>84</b>	<b>9.9</b>	<b>13.3</b>	<b>6.4</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>202</b>	<b>155</b>	<b>47</b>	<b>7.6</b>	<b>11.6</b>	<b>3.6</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	5	5	0	0.2	0.4	0.0
Hypertensive heart disease (I11)	2	2	0	0.1	0.1	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
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>122</b>	<b>96</b>	<b>26</b>	<b>4.6</b>	<b>7.2</b>	<b>2.0</b>
Acute myocardial infarction (I21-I22)	62	51	11	2.3	3.8	0.8
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>56</b>	<b>41</b>	<b>15</b>	<b>2.1</b>	<b>3.1</b>	<b>1.1</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	5	5	0	0.2	0.4	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	51	36	15	1.9	2.7	1.1
<b>Other heart diseases (I26-I51)</b>	<b>73</b>	<b>52</b>	<b>21</b>	<b>2.7</b>	<b>3.9</b>	<b>1.6</b>
Acute and subacute endocarditis (I33)	4	3	1	0.2	0.2	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	1	1	0.1	0.1	0.1
Heart failure (I50)	5	4	1	0.2	0.3	0.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	62	44	18	2.3	3.3	1.4
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	3	1	2	0.1	0.1	0.2
Cerebrovascular diseases (I60-I69)	49	16	33	1.8	1.2	2.5
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>8</b>	<b>6</b>	<b>2</b>	<b>0.3</b>	<b>0.4</b>	<b>0.2</b>
Aortic aneurysm and dissection (I71)	8	6	2	0.3	0.4	0.2
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)	6	3	3	0.2	0.2	0.2
<b>Influenza and pneumonia (J10-J18)</b>	<b>15</b>	<b>9</b>	<b>6</b>	<b>0.6</b>	<b>0.7</b>	<b>0.5</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	15	9	6	0.6	0.7	0.5
<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>15</b>	<b>8</b>	<b>7</b>	<b>0.6</b>	<b>0.6</b>	<b>0.5</b>
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	1	1	0	0.0	0.1	0.0
Asthma (J45-J46)	10	5	5	0.4	0.4	0.4
Other chronic lower respiratory diseases (J44, J47)	4	2	2	0.2	0.1	0.2
Pneumoconioses and chemical effects (J60-J66, J68)	2	1	1	0.1	0.1	0.1
Pneumonitis due to solids and liquids (J69)	3	1	2	0.1	0.1	0.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	17	10	7	0.6	0.7	0.5
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)	1	0	1	0.0	0.0	0.1
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>48</b>	<b>24</b>	<b>24</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>
Alcoholic liver disease (K70)	39	22	17	1.5	1.6	1.3
Other chronic liver disease and cirrhosis (K73-K74)	9	2	7	0.3	0.1	0.5
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>18</b>	<b>10</b>	<b>8</b>	<b>0.7</b>	<b>0.7</b>	<b>0.6</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)	17	9	8	0.6	0.7	0.6
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	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>11</b>	<b>...</b>	<b>...</b>	<b>0.8</b>
Pregnancy with abortive outcome (O00-O07)	...	...	1	...	...	0.1
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	10	...	...	0.8
Certain conditions originating in the perinatal period (P00-P96)	3	2	1	0.1	0.1	0.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	37	18	19	1.4	1.3	1.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	121	88	33	4.6	6.6	2.5
All other diseases (residual) <sup>11</sup>	220	123	97	8.3	9.2	7.4
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>524</b>	<b>408</b>	<b>116</b>	<b>19.7</b>	<b>30.4</b>	<b>8.8</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>248</b>	<b>191</b>	<b>57</b>	<b>9.3</b>	<b>14.2</b>	<b>4.3</b>
Motor vehicle accidents <sup>12</sup>	206	158	48	7.8	11.8	3.6
Other land transport accidents <sup>13</sup>	21	12	9	0.8	0.9	0.7

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)	21	21	0	0.8	1.6	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>276</b>	<b>217</b>	<b>59</b>	<b>10.4</b>	<b>16.2</b>	<b>4.5</b>
Falls (W00-W19)	16	14	2	0.6	1.0	0.2
Accidental discharge of firearms (W32-W34)	3	3	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	18	16	2	0.7	1.2	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	20	15	5	0.8	1.1	0.4
Accidental poisoning and exposure to noxious substances (X40-X49)	151	109	42	5.7	8.1	3.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	68	60	8	2.6	4.5	0.6
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>441</b>	<b>350</b>	<b>91</b>	<b>16.6</b>	<b>26.1</b>	<b>6.9</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	68	65	3	2.6	4.8	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	373	285	88	14.0	21.3	6.7
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>56</b>	<b>39</b>	<b>17</b>	<b>2.1</b>	<b>2.9</b>	<b>1.3</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)	49	34	15	1.8	2.5	1.1
Legal intervention (Y35, Y89.0)	2	2	0	0.1	0.1	0.0
<b>Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)</b>	<b>65</b>	<b>44</b>	<b>21</b>	<b>2.4</b>	<b>3.3</b>	<b>1.6</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)	65	44	21	2.4	3.3	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)	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>3,829</b>	<b>2,356</b>	<b>1,473</b>	<b>144.1</b>	<b>177.1</b>	<b>111.0</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)	0	0	0	0.0	0.0	0.0
<b>Tuberculosis (A16-A19)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	1	1	0	0.0	0.1	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	2	0	2	0.1	0.0	0.2
Septicaemia (A40-A41)	17	7	10	0.6	0.5	0.8
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)	19	13	6	0.7	1.0	0.5
Human immunodeficiency virus [HIV] disease (B20-B24)	89	79	10	3.3	5.9	0.8
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>	11	7	4	0.4	0.5	0.3
<b>Malignant neoplasms (C00-C97)</b>	<b>1,176</b>	<b>488</b>	<b>688</b>	<b>44.2</b>	<b>36.7</b>	<b>51.8</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	31	24	7	1.2	1.8	0.5
Malignant neoplasm of oesophagus (C15)	21	16	5	0.8	1.2	0.4
Malignant neoplasm of stomach (C16)	36	15	21	1.4	1.1	1.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	89	47	42	3.3	3.5	3.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	21	20	1	0.8	1.5	0.1
Malignant neoplasm of pancreas (C25)	47	27	20	1.8	2.0	1.5
Malignant neoplasm of larynx (C32)	9	8	1	0.3	0.6	0.1
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	232	93	139	8.7	7.0	10.5
Malignant melanoma of skin (C43)	44	24	20	1.7	1.8	1.5
Malignant neoplasm of breast (C50)	197	1	196	7.4	0.1	14.8
Malignant neoplasm of cervix uteri (C53)	...	...	31	...	...	2.3
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	13	...	...	1.0
Malignant neoplasm of ovary (C56)	...	...	37	...	...	2.8
Malignant neoplasm of prostate (C61)	...	6	...	...	0.5	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	17	12	5	0.6	0.9	0.4
Malignant neoplasm of bladder (C67)	7	3	4	0.3	0.2	0.3
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	86	48	38	3.2	3.6	2.9
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>115</b>	<b>71</b>	<b>44</b>	<b>4.3</b>	<b>5.3</b>	<b>3.3</b>
Hodgkin's disease (C81)	7	7	0	0.3	0.5	0.0
Non-Hodgkin's lymphoma (C82-C85)	56	33	23	2.1	2.5	1.7
Leukaemia (C91-C95)	40	23	17	1.5	1.7	1.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	12	8	4	0.5	0.6	0.3
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	137	73	64	5.2	5.5	4.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	30	19	11	1.1	1.4	0.8
Anaemias (D50-D64)	2	1	1	0.1	0.1	0.1
Diabetes mellitus (E10-E14)	78	45	33	2.9	3.4	2.5
<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)	5	3	2	0.2	0.2	0.2
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	1	1	0	0.0	0.1	0.0
<b>Major cardiovascular diseases (I00-I78)</b>	<b>573</b>	<b>400</b>	<b>173</b>	<b>21.6</b>	<b>30.1</b>	<b>13.0</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>445</b>	<b>338</b>	<b>107</b>	<b>16.7</b>	<b>25.4</b>	<b>8.1</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	9	3	6	0.3	0.2	0.5
Hypertensive heart disease (I11)	8	3	5	0.3	0.2	0.4

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>318</b>	<b>262</b>	<b>56</b>	<b>12.0</b>	<b>19.7</b>	<b>4.2</b>
Acute myocardial infarction (I21-I22)	165	136	29	6.2	10.2	2.2
Other acute ischaemic heart diseases (I24)	7	6	1	0.3	0.5	0.1
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>146</b>	<b>120</b>	<b>26</b>	<b>5.5</b>	<b>9.0</b>	<b>2.0</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	11	10	1	0.4	0.8	0.1
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	135	110	25	5.1	8.3	1.9
<b>Other heart diseases (I26-I51)</b>	<b>110</b>	<b>70</b>	<b>40</b>	<b>4.1</b>	<b>5.3</b>	<b>3.0</b>
Acute and subacute endocarditis (I33)	4	4	0	0.2	0.3	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	6	4	2	0.2	0.3	0.2
Heart failure (I50)	7	4	3	0.3	0.3	0.2
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	93	58	35	3.5	4.4	2.6
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	3	1	2	0.1	0.1	0.2
Cerebrovascular diseases (I60-I69)	103	45	58	3.9	3.4	4.4
Atherosclerosis (I70)	2	1	1	0.1	0.1	0.1
<b>Other diseases of circulatory system (I71-I78)</b>	<b>20</b>	<b>15</b>	<b>5</b>	<b>0.8</b>	<b>1.1</b>	<b>0.4</b>
Aortic aneurysm and dissection (I71)	13	12	1	0.5	0.9	0.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	7	3	4	0.3	0.2	0.3
Other disorders of circulatory system (I80-I99)	16	5	11	0.6	0.4	0.8
<b>Influenza and pneumonia (J10-J18)</b>	<b>36</b>	<b>23</b>	<b>13</b>	<b>1.4</b>	<b>1.7</b>	<b>1.0</b>
Influenza (J10-J11)	1	1	0	0.0	0.1	0.0
Pneumonia (J12-J18)	35	22	13	1.3	1.7	1.0
<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>17</b>	<b>9</b>	<b>8</b>	<b>0.6</b>	<b>0.7</b>	<b>0.6</b>
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	3	1	2	0.1	0.1	0.2
Asthma (J45-J46)	5	4	1	0.2	0.3	0.1
Other chronic lower respiratory diseases (J44, J47)	9	4	5	0.3	0.3	0.4
Pneumoconioses and chemical effects (J60-J66, J68)	2	1	1	0.1	0.1	0.1
Pneumonitis due to solids and liquids (J69)	9	4	5	0.3	0.3	0.4
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	13	6	7	0.5	0.5	0.5
Peptic ulcer (K25-K28)	7	4	3	0.3	0.3	0.2
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>107</b>	<b>63</b>	<b>44</b>	<b>4.0</b>	<b>4.7</b>	<b>3.3</b>
Alcoholic liver disease (K70)	77	47	30	2.9	3.5	2.3
Other chronic liver disease and cirrhosis (K73-K74)	30	16	14	1.1	1.2	1.1
Cholelithiasis and other disorders of gallbladder (K80-K82)	2	1	1	0.1	0.1	0.1
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>22</b>	<b>12</b>	<b>10</b>	<b>0.8</b>	<b>0.9</b>	<b>0.8</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)	2	2	0	0.1	0.2	0.0
Renal failure (N17-N19)	20	10	10	0.8	0.8	0.8
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)	22	12	10	0.8	0.9	0.8
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	144	100	44	5.4	7.5	3.3
All other diseases (residual) <sup>11</sup>	326	205	121	12.3	15.4	9.1
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>536</b>	<b>411</b>	<b>125</b>	<b>20.2</b>	<b>30.9</b>	<b>9.4</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>246</b>	<b>183</b>	<b>63</b>	<b>9.3</b>	<b>13.8</b>	<b>4.7</b>
Motor vehicle accidents <sup>12</sup>	200	146	54	7.5	11.0	4.1
Other land transport accidents <sup>13</sup>	25	20	5	0.9	1.5	0.4

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)	21	17	4	0.8	1.3	0.3
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>290</b>	<b>228</b>	<b>62</b>	<b>10.9</b>	<b>17.1</b>	<b>4.7</b>
Falls (W00-W19)	32	27	5	1.2	2.0	0.4
Accidental discharge of firearms (W32-W34)	2	2	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	16	15	1	0.6	1.1	0.1
Accidental exposure to smoke, fire and flames (X00-X09)	12	8	4	0.5	0.6	0.3
Accidental poisoning and exposure to noxious substances (X40-X49)	157	114	43	5.9	8.6	3.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	71	62	9	2.7	4.7	0.7
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>452</b>	<b>357</b>	<b>95</b>	<b>17.0</b>	<b>26.8</b>	<b>7.2</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	81	76	5	3.0	5.7	0.4
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	371	281	90	14.0	21.1	6.8
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>55</b>	<b>41</b>	<b>14</b>	<b>2.1</b>	<b>3.1</b>	<b>1.1</b>
Assault (homicide) by discharge of firearms (X93-X95)	13	12	1	0.5	0.9	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	42	29	13	1.6	2.2	1.0
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>53</b>	<b>34</b>	<b>19</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
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	52	33	19	2.0	2.5	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)	3	3	0	0.1	0.2	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>5,488</b>	<b>3,358</b>	<b>2,130</b>	<b>230.0</b>	<b>282.2</b>	<b>178.1</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)	2	1	1	0.1	0.1	0.1
<b>Tuberculosis (A16-A19)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>
Respiratory tuberculosis (A16)	1	1	0	0.0	0.1	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	28	17	11	1.2	1.4	0.9
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	57	45	12	2.4	3.8	1.0
Human immunodeficiency virus [HIV] disease (B20-B24)	73	64	9	3.1	5.4	0.8
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	17	11	6	0.7	0.9	0.5
<b>Malignant neoplasms (C00-C97)</b>	<b>2,043</b>	<b>907</b>	<b>1,136</b>	<b>85.6</b>	<b>76.2</b>	<b>95.0</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	46	36	10	1.9	3.0	0.8
Malignant neoplasm of oesophagus (C15)	43	40	3	1.8	3.4	0.3
Malignant neoplasm of stomach (C16)	57	37	20	2.4	3.1	1.7
Malignant neoplasms of colon, rectum and anus (C18-C21)	161	87	74	6.7	7.3	6.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	58	41	17	2.4	3.4	1.4
Malignant neoplasm of pancreas (C25)	88	48	40	3.7	4.0	3.3
Malignant neoplasm of larynx (C32)	17	14	3	0.7	1.2	0.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	475	233	242	19.9	19.6	20.2
Malignant melanoma of skin (C43)	54	29	25	2.3	2.4	2.1
Malignant neoplasm of breast (C50)	317	1	316	13.3	0.1	26.4
Malignant neoplasm of cervix uteri (C53)	...	...	48	...	...	4.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	22	...	...	1.8
Malignant neoplasm of ovary (C56)	...	...	60	...	...	5.0
Malignant neoplasm of prostate (C61)	...	9	...	...	0.8	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	56	42	14	2.3	3.5	1.2
Malignant neoplasm of bladder (C67)	24	16	8	1.0	1.3	0.7
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	111	65	46	4.7	5.5	3.8
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>163</b>	<b>93</b>	<b>70</b>	<b>6.8</b>	<b>7.8</b>	<b>5.9</b>
Hodgkin's disease (C81)	4	2	2	0.2	0.2	0.2
Non-Hodgkin's lymphoma (C82-C85)	86	52	34	3.6	4.4	2.8
Leukaemia (C91-C95)	55	29	26	2.3	2.4	2.2
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	18	10	8	0.8	0.8	0.7
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)	234	116	118	9.8	9.7	9.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	34	19	15	1.4	1.6	1.3
Anaemias (D50-D64)	8	2	6	0.3	0.2	0.5
Diabetes mellitus (E10-E14)	119	88	31	5.0	7.4	2.6
<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)	3	2	1	0.1	0.2	0.1
Alzheimer's disease (G30)	5	0	5	0.2	0.0	0.4
<b>Major cardiovascular diseases (I00-I78)</b>	<b>1,027</b>	<b>762</b>	<b>265</b>	<b>43.0</b>	<b>64.0</b>	<b>22.2</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>825</b>	<b>655</b>	<b>170</b>	<b>34.6</b>	<b>55.1</b>	<b>14.2</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	11	7	4	0.5	0.6	0.3
Hypertensive heart disease (I11)	7	4	3	0.3	0.3	0.3

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)	2	2	0	0.1	0.2	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>647</b>	<b>544</b>	<b>103</b>	<b>27.1</b>	<b>45.7</b>	<b>8.6</b>
Acute myocardial infarction (I21-I22)	358	300	58	15.0	25.2	4.8
Other acute ischaemic heart diseases (I24)	11	9	2	0.5	0.8	0.2
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>278</b>	<b>235</b>	<b>43</b>	<b>11.7</b>	<b>19.8</b>	<b>3.6</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	21	19	2	0.9	1.6	0.2
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	257	216	41	10.8	18.2	3.4
<b>Other heart diseases (I26-I51)</b>	<b>158</b>	<b>98</b>	<b>60</b>	<b>6.6</b>	<b>8.2</b>	<b>5.0</b>
Acute and subacute endocarditis (I33)	5	3	2	0.2	0.3	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	5	4	1	0.2	0.3	0.1
Heart failure (I50)	23	17	6	1.0	1.4	0.5
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	125	74	51	5.2	6.2	4.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	4	2	2	0.2	0.2	0.2
Cerebrovascular diseases (I60-I69)	158	78	80	6.6	6.6	6.7
Atherosclerosis (I70)	1	1	0	0.0	0.1	0.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>39</b>	<b>26</b>	<b>13</b>	<b>1.6</b>	<b>2.2</b>	<b>1.1</b>
Aortic aneurysm and dissection (I71)	28	23	5	1.2	1.9	0.4
Other diseases of arteries, arterioles and capillaries (I72-I78)	11	3	8	0.5	0.3	0.7
Other disorders of circulatory system (I80-I99)	10	5	5	0.4	0.4	0.4
<b>Influenza and pneumonia (J10-J18)</b>	<b>40</b>	<b>23</b>	<b>17</b>	<b>1.7</b>	<b>1.9</b>	<b>1.4</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	40	23	17	1.7	1.9	1.4
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0.1</b>	<b>0.0</b>	<b>0.2</b>
Acute bronchitis and bronchiolitis (J20-J21)	1	0	1	0.0	0.0	0.1
Unspecified acute lower respiratory infection (J22)	1	0	1	0.0	0.0	0.1
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>35</b>	<b>21</b>	<b>14</b>	<b>1.5</b>	<b>1.8</b>	<b>1.2</b>
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	3	2	1	0.1	0.2	0.1
Asthma (J45-J46)	11	4	7	0.5	0.3	0.6
Other chronic lower respiratory diseases (J44, J47)	21	15	6	0.9	1.3	0.5
Pneumoconioses and chemical effects (J60-J66, J68)	1	1	0	0.0	0.1	0.0
Pneumonitis due to solids and liquids (J69)	9	6	3	0.4	0.5	0.3
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	24	16	8	1.0	1.3	0.7
Peptic ulcer (K25-K28)	8	7	1	0.3	0.6	0.1
Diseases of appendix (K35-K38)	2	1	1	0.1	0.1	0.1
Hernia (K40-K46)	3	2	1	0.1	0.2	0.1
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>182</b>	<b>120</b>	<b>62</b>	<b>7.6</b>	<b>10.1</b>	<b>5.2</b>
Alcoholic liver disease (K70)	132	88	44	5.5	7.4	3.7
Other chronic liver disease and cirrhosis (K73-K74)	50	32	18	2.1	2.7	1.5
Cholelithiasis and other disorders of gallbladder (K80-K82)	1	1	0	0.0	0.1	0.0
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>33</b>	<b>19</b>	<b>14</b>	<b>1.4</b>	<b>1.6</b>	<b>1.2</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	1	1	0.1	0.1	0.1
Renal failure (N17-N19)	29	17	12	1.2	1.4	1.0
Other disorders of kidney (N25, N27)	1	0	1	0.0	0.0	0.1
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)	32	16	16	1.3	1.3	1.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	174	125	49	7.3	10.5	4.1
All other diseases (residual) <sup>11</sup>	454	279	175	19.0	23.5	14.6
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>518</b>	<b>394</b>	<b>124</b>	<b>21.7</b>	<b>33.1</b>	<b>10.4</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>217</b>	<b>155</b>	<b>62</b>	<b>9.1</b>	<b>13.0</b>	<b>5.2</b>
Motor vehicle accidents <sup>12</sup>	166	115	51	7.0	9.7	4.3
Other land transport accidents <sup>13</sup>	20	13	7	0.8	1.1	0.6

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)	31	27	4	1.3	2.3	0.3
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>301</b>	<b>239</b>	<b>62</b>	<b>12.6</b>	<b>20.1</b>	<b>5.2</b>
Falls (W00-W19)	32	27	5	1.3	2.3	0.4
Accidental discharge of firearms (W32-W34)	6	6	0	0.3	0.5	0.0
Accidental drowning and submersion (W65-W74)	24	22	2	1.0	1.8	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	16	10	6	0.7	0.8	0.5
Accidental poisoning and exposure to noxious substances (X40-X49)	138	103	35	5.8	8.7	2.9
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	85	71	14	3.6	6.0	1.2
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>457</b>	<b>341</b>	<b>116</b>	<b>19.2</b>	<b>28.7</b>	<b>9.7</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	79	70	9	3.3	5.9	0.8
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	378	271	107	15.8	22.8	8.9
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>33</b>	<b>24</b>	<b>9</b>	<b>1.4</b>	<b>2.0</b>	<b>0.8</b>
Assault (homicide) by discharge of firearms (X93-X95)	9	6	3	0.4	0.5	0.3
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	24	18	6	1.0	1.5	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>46</b>	<b>34</b>	<b>12</b>	<b>1.9</b>	<b>2.9</b>	<b>1.0</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)	44	32	12	1.8	2.7	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)	4	2	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.
6. The population estimates used for the 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>7,620</b>	<b>4,690</b>	<b>2,930</b>	<b>360.1</b>	<b>444.9</b>	<b>275.9</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)	2	1	1	0.1	0.1	0.1
<b>Tuberculosis (A16-A19)</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0.1</b>	<b>0.3</b>	<b>0.0</b>
Respiratory tuberculosis (A16)	3	3	0	0.1	0.3	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)	46	27	19	2.2	2.6	1.8
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)	38	35	3	1.8	3.3	0.3
Human immunodeficiency virus [HIV] disease (B20-B24)	47	41	6	2.2	3.9	0.6
Malaria (B50-B54)	1	1	0	0.0	0.1	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	14	5	9	0.7	0.5	0.8
<b>Malignant neoplasms (C00-C97)</b>	<b>3,294</b>	<b>1,592</b>	<b>1,702</b>	<b>155.7</b>	<b>151.0</b>	<b>160.3</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	84	71	13	4.0	6.7	1.2
Malignant neoplasm of oesophagus (C15)	90	78	12	4.3	7.4	1.1
Malignant neoplasm of stomach (C16)	105	76	29	5.0	7.2	2.7
Malignant neoplasms of colon, rectum and anus (C18-C21)	310	175	135	14.6	16.6	12.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	68	51	17	3.2	4.8	1.6
Malignant neoplasm of pancreas (C25)	136	79	57	6.4	7.5	5.4
Malignant neoplasm of larynx (C32)	28	25	3	1.3	2.4	0.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	866	476	390	40.9	45.2	36.7
Malignant melanoma of skin (C43)	52	29	23	2.5	2.8	2.2
Malignant neoplasm of breast (C50)	451	1	450	21.3	0.1	42.4
Malignant neoplasm of cervix uteri (C53)	...	...	42	...	...	4.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	39	...	...	3.7
Malignant neoplasm of ovary (C56)	...	...	103	...	...	9.7
Malignant neoplasm of prostate (C61)	...	24	...	...	2.3	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	69	52	17	3.3	4.9	1.6
Malignant neoplasm of bladder (C67)	43	27	16	2.0	2.6	1.5
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	132	74	58	6.2	7.0	5.5
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>256</b>	<b>162</b>	<b>94</b>	<b>12.1</b>	<b>15.4</b>	<b>8.9</b>
Hodgkin's disease (C81)	8	4	4	0.4	0.4	0.4
Non-Hodgkin's lymphoma (C82-C85)	146	104	42	6.9	9.9	4.0
Leukaemia (C91-C95)	63	31	32	3.0	2.9	3.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	39	23	16	1.8	2.2	1.5
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	396	192	204	18.7	18.2	19.2
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	57	38	19	2.7	3.6	1.8
Anaemias (D50-D64)	3	2	1	0.1	0.2	0.1
Diabetes mellitus (E10-E14)	211	135	76	10.0	12.8	7.2
<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)	5	5	0	0.2	0.5	0.0
Parkinson's disease (G20-G21)	2	0	2	0.1	0.0	0.2
Alzheimer's disease (G30)	8	4	4	0.4	0.4	0.4
<b>Major cardiovascular diseases (I00-I78)</b>	<b>1,697</b>	<b>1,301</b>	<b>396</b>	<b>80.2</b>	<b>123.4</b>	<b>37.3</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>1,391</b>	<b>1,115</b>	<b>276</b>	<b>65.7</b>	<b>105.8</b>	<b>26.0</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	9	4	5	0.4	0.4	0.5
Hypertensive heart disease (I11)	17	12	5	0.8	1.1	0.5

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)	2	2	0	0.1	0.2	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>1,108</b>	<b>929</b>	<b>179</b>	<b>52.4</b>	<b>88.1</b>	<b>16.9</b>
Acute myocardial infarction (I21-I22)	586	497	89	27.7	47.1	8.4
Other acute ischaemic heart diseases (I24)	29	22	7	1.4	2.1	0.7
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>493</b>	<b>410</b>	<b>83</b>	<b>23.3</b>	<b>38.9</b>	<b>7.8</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	36	28	8	1.7	2.7	0.8
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	457	382	75	21.6	36.2	7.1
<b>Other heart diseases (I26-I51)</b>	<b>255</b>	<b>168</b>	<b>87</b>	<b>12.1</b>	<b>15.9</b>	<b>8.2</b>
Acute and subacute endocarditis (I33)	4	2	2	0.2	0.2	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	4	3	1	0.2	0.3	0.1
Heart failure (I50)	30	16	14	1.4	1.5	1.3
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	217	147	70	10.3	13.9	6.6
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	15	9	6	0.7	0.9	0.6
Cerebrovascular diseases (I60-I69)	231	130	101	10.9	12.3	9.5
Atherosclerosis (I70)	11	7	4	0.5	0.7	0.4
<b>Other diseases of circulatory system (I71-I78)</b>	<b>49</b>	<b>40</b>	<b>9</b>	<b>2.3</b>	<b>3.8</b>	<b>0.8</b>
Aortic aneurysm and dissection (I71)	34	29	5	1.6	2.8	0.5
Other diseases of arteries, arterioles and capillaries (I72-I78)	15	11	4	0.7	1.0	0.4
Other disorders of circulatory system (I80-I99)	12	7	5	0.6	0.7	0.5
<b>Influenza and pneumonia (J10-J18)</b>	<b>63</b>	<b>43</b>	<b>20</b>	<b>3.0</b>	<b>4.1</b>	<b>1.9</b>
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	63	43	20	3.0	4.1	1.9
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>
Acute bronchitis and bronchiolitis (J20-J21)	1	1	0	0.0	0.1	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>92</b>	<b>47</b>	<b>45</b>	<b>4.3</b>	<b>4.5</b>	<b>4.2</b>
Bronchitis, chronic and unspecified (J40-J42)	2	0	2	0.1	0.0	0.2
Emphysema (J43)	14	9	5	0.7	0.9	0.5
Asthma (J45-J46)	11	4	7	0.5	0.4	0.7
Other chronic lower respiratory diseases (J44, J47)	65	34	31	3.1	3.2	2.9
Pneumoconioses and chemical effects (J60-J66, J68)	1	1	0	0.0	0.1	0.0
Pneumonitis due to solids and liquids (J69)	14	7	7	0.7	0.7	0.7
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	47	27	20	2.2	2.6	1.9
Peptic ulcer (K25-K28)	15	13	2	0.7	1.2	0.2
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	6	4	2	0.3	0.4	0.2
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>241</b>	<b>171</b>	<b>70</b>	<b>11.4</b>	<b>16.2</b>	<b>6.6</b>
Alcoholic liver disease (K70)	155	115	40	7.3	10.9	3.8
Other chronic liver disease and cirrhosis (K73-K74)	86	56	30	4.1	5.3	2.8
Cholelithiasis and other disorders of gallbladder (K80-K82)	5	4	1	0.2	0.4	0.1
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>46</b>	<b>22</b>	<b>24</b>	<b>2.2</b>	<b>2.1</b>	<b>2.3</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)	46	22	24	2.2	2.1	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)	2	1	1	0.1	0.1	0.1
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
<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)	40	29	11	1.9	2.8	1.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	167	114	53	7.9	10.8	5.0
All other diseases (residual) <sup>11</sup>	566	347	219	26.7	32.9	20.6
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>413</b>	<b>311</b>	<b>102</b>	<b>19.5</b>	<b>29.5</b>	<b>9.6</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>190</b>	<b>132</b>	<b>58</b>	<b>9.0</b>	<b>12.5</b>	<b>5.5</b>
Motor vehicle accidents <sup>12</sup>	156	108	48	7.4	10.2	4.5
Other land transport accidents <sup>13</sup>	17	11	6	0.8	1.0	0.6

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)	17	13	4	0.8	1.2	0.4
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>223</b>	<b>179</b>	<b>44</b>	<b>10.5</b>	<b>17.0</b>	<b>4.1</b>
Falls (W00-W19)	45	38	7	2.1	3.6	0.7
Accidental discharge of firearms (W32-W34)	3	3	0	0.1	0.3	0.0
Accidental drowning and submersion (W65-W74)	18	14	4	0.9	1.3	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	14	9	5	0.7	0.9	0.5
Accidental poisoning and exposure to noxious substances (X40-X49)	83	62	21	3.9	5.9	2.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	60	53	7	2.8	5.0	0.7
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>389</b>	<b>299</b>	<b>90</b>	<b>18.4</b>	<b>28.4</b>	<b>8.5</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	82	79	3	3.9	7.5	0.3
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	307	220	87	14.5	20.9	8.2
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>30</b>	<b>20</b>	<b>10</b>	<b>1.4</b>	<b>1.9</b>	<b>0.9</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)	18	12	6	0.9	1.1	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>37</b>	<b>30</b>	<b>7</b>	<b>1.7</b>	<b>2.8</b>	<b>0.7</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)	36	29	7	1.7	2.8	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)	4	2	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.
6. The population estimates used for the 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>9,396</b>	<b>5,806</b>	<b>3,590</b>	<b>577.8</b>	<b>721.7</b>	<b>436.9</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)	4	2	2	0.2	0.2	0.2
<b>Tuberculosis (A16-A19)</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>
Respiratory tuberculosis (A16)	5	3	2	0.3	0.4	0.2
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)	1	0	1	0.1	0.0	0.1
Septicaemia (A40-A41)	50	28	22	3.1	3.5	2.7
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)	26	24	2	1.6	3.0	0.2
Human immunodeficiency virus [HIV] disease (B20-B24)	26	24	2	1.6	3.0	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>	18	13	5	1.1	1.6	0.6
<b>Malignant neoplasms (C00-C97)</b>	<b>4,481</b>	<b>2,433</b>	<b>2,048</b>	<b>275.6</b>	<b>302.4</b>	<b>249.3</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	96	79	17	5.9	9.8	2.1
Malignant neoplasm of oesophagus (C15)	124	101	23	7.6	12.6	2.8
Malignant neoplasm of stomach (C16)	128	90	38	7.9	11.2	4.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	423	249	174	26.0	31.0	21.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	95	68	27	5.8	8.5	3.3
Malignant neoplasm of pancreas (C25)	217	136	81	13.3	16.9	9.9
Malignant neoplasm of larynx (C32)	35	30	5	2.2	3.7	0.6
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,338	785	553	82.3	97.6	67.3
Malignant melanoma of skin (C43)	78	51	27	4.8	6.3	3.3
Malignant neoplasm of breast (C50)	424	7	417	26.1	0.9	50.8
Malignant neoplasm of cervix uteri (C53)	...	...	35	...	...	4.3
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	55	...	...	6.7
Malignant neoplasm of ovary (C56)	...	...	112	...	...	13.6
Malignant neoplasm of prostate (C61)	...	78	...	...	9.7	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	121	74	47	7.4	9.2	5.7
Malignant neoplasm of bladder (C67)	60	48	12	3.7	6.0	1.5
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	157	98	59	9.7	12.2	7.2
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>359</b>	<b>237</b>	<b>122</b>	<b>22.1</b>	<b>29.5</b>	<b>14.8</b>
Hodgkin's disease (C81)	8	6	2	0.5	0.7	0.2
Non-Hodgkin's lymphoma (C82-C85)	176	111	65	10.8	13.8	7.9
Leukaemia (C91-C95)	112	77	35	6.9	9.6	4.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	63	43	20	3.9	5.3	2.4
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	546	302	244	33.6	37.5	29.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	51	34	17	3.1	4.2	2.1
Anaemias (D50-D64)	10	6	4	0.6	0.7	0.5
Diabetes mellitus (E10-E14)	299	198	101	18.4	24.6	12.3
<b>Nutritional deficiencies (E40-E64)</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
Malnutrition (E40-E46)	3	1	2	0.2	0.1	0.2
Other nutritional deficiencies (E50-E64)	1	1	0	0.1	0.1	0.0
Meningitis (G00, G03)	5	2	3	0.3	0.2	0.4
Parkinson's disease (G20-G21)	6	3	3	0.4	0.4	0.4
Alzheimer's disease (G30)	16	10	6	1.0	1.2	0.7
<b>Major cardiovascular diseases (I00-I78)</b>	<b>2,171</b>	<b>1,592</b>	<b>579</b>	<b>133.5</b>	<b>197.9</b>	<b>70.5</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>1,774</b>	<b>1,366</b>	<b>408</b>	<b>109.1</b>	<b>169.8</b>	<b>49.7</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	16	7	9	1.0	0.9	1.1
Hypertensive heart disease (I11)	13	11	2	0.8	1.4	0.2

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)	0	0	0	0.0	0.0	0.0
<b>Ischaemic heart diseases (I20-I25)</b>	<b>1,430</b>	<b>1,124</b>	<b>306</b>	<b>87.9</b>	<b>139.7</b>	<b>37.2</b>
Acute myocardial infarction (I21-I22)	743	587	156	45.7	73.0	19.0
Other acute ischaemic heart diseases (I24)	38	26	12	2.3	3.2	1.5
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>649</b>	<b>511</b>	<b>138</b>	<b>39.9</b>	<b>63.5</b>	<b>16.8</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	54	49	5	3.3	6.1	0.6
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	595	462	133	36.6	57.4	16.2
<b>Other heart diseases (I26-I51)</b>	<b>315</b>	<b>224</b>	<b>91</b>	<b>19.4</b>	<b>27.8</b>	<b>11.1</b>
Acute and subacute endocarditis (I33)	5	5	0	0.3	0.6	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	7	7	0	0.4	0.9	0.0
Heart failure (I50)	44	31	13	2.7	3.9	1.6
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	259	181	78	15.9	22.5	9.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	19	12	7	1.2	1.5	0.9
Cerebrovascular diseases (I60-I69)	292	150	142	18.0	18.6	17.3
Atherosclerosis (I70)	10	5	5	0.6	0.6	0.6
<b>Other diseases of circulatory system (I71-I78)</b>	<b>76</b>	<b>59</b>	<b>17</b>	<b>4.7</b>	<b>7.3</b>	<b>2.1</b>
Aortic aneurysm and dissection (I71)	47	41	6	2.9	5.1	0.7
Other diseases of arteries, arterioles and capillaries (I72-I78)	29	18	11	1.8	2.2	1.3
Other disorders of circulatory system (I80-I99)	28	14	14	1.7	1.7	1.7
<b>Influenza and pneumonia (J10-J18)</b>	<b>65</b>	<b>42</b>	<b>23</b>	<b>4.0</b>	<b>5.2</b>	<b>2.8</b>
Influenza (J10-J11)	2	2	0	0.1	0.2	0.0
Pneumonia (J12-J18)	63	40	23	3.9	5.0	2.8
<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>175</b>	<b>103</b>	<b>72</b>	<b>10.8</b>	<b>12.8</b>	<b>8.8</b>
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	23	12	11	1.4	1.5	1.3
Asthma (J45-J46)	7	3	4	0.4	0.4	0.5
Other chronic lower respiratory diseases (J44, J47)	145	88	57	8.9	10.9	6.9
Pneumoconioses and chemical effects (J60-J66, J68)	1	0	1	0.1	0.0	0.1
Pneumonitis due to solids and liquids (J69)	16	7	9	1.0	0.9	1.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	86	50	36	5.3	6.2	4.4
Peptic ulcer (K25-K28)	17	11	6	1.0	1.4	0.7
Diseases of appendix (K35-K38)	1	0	1	0.1	0.0	0.1
Hernia (K40-K46)	5	3	2	0.3	0.4	0.2
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>264</b>	<b>201</b>	<b>63</b>	<b>16.2</b>	<b>25.0</b>	<b>7.7</b>
Alcoholic liver disease (K70)	159	128	31	9.8	15.9	3.8
Other chronic liver disease and cirrhosis (K73-K74)	105	73	32	6.5	9.1	3.9
Cholelithiasis and other disorders of gallbladder (K80-K82)	11	4	7	0.7	0.5	0.9
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>67</b>	<b>37</b>	<b>30</b>	<b>4.1</b>	<b>4.6</b>	<b>3.7</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)	4	3	1	0.2	0.4	0.1
Renal failure (N17-N19)	62	34	28	3.8	4.2	3.4
Other disorders of kidney (N25, N27)	1	0	1	0.1	0.0	0.1
Infections of kidney (N10-N12, N13.6, N15.1)	5	1	4	0.3	0.1	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)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	41	21	20	2.5	2.6	2.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	147	95	52	9.0	11.8	6.3
All other diseases (residual) <sup>11</sup>	657	388	269	40.4	48.2	32.7
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>318</b>	<b>220</b>	<b>98</b>	<b>19.6</b>	<b>27.3</b>	<b>11.9</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>130</b>	<b>94</b>	<b>36</b>	<b>8.0</b>	<b>11.7</b>	<b>4.4</b>
Motor vehicle accidents <sup>12</sup>	111	80	31	6.8	9.9	3.8
Other land transport accidents <sup>13</sup>	11	6	5	0.7	0.7	0.6

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)	8	8	0	0.5	1.0	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>188</b>	<b>126</b>	<b>62</b>	<b>11.6</b>	<b>15.7</b>	<b>7.5</b>
Falls (W00-W19)	54	36	18	3.3	4.5	2.2
Accidental discharge of firearms (W32-W34)	3	3	0	0.2	0.4	0.0
Accidental drowning and submersion (W65-W74)	11	9	2	0.7	1.1	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	14	7	7	0.9	0.9	0.9
Accidental poisoning and exposure to noxious substances (X40-X49)	48	28	20	3.0	3.5	2.4
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	58	43	15	3.6	5.3	1.8
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>258</b>	<b>192</b>	<b>66</b>	<b>15.9</b>	<b>23.9</b>	<b>8.0</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	37	36	1	2.3	4.5	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	221	156	65	13.6	19.4	7.9
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>18</b>	<b>11</b>	<b>7</b>	<b>1.1</b>	<b>1.4</b>	<b>0.9</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)	15	10	5	0.9	1.2	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>31</b>	<b>22</b>	<b>9</b>	<b>1.9</b>	<b>2.7</b>	<b>1.1</b>
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	0	0.1	0.1	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	30	21	9	1.8	2.6	1.1
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	11	10	1	0.7	1.2	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>12,100</b>	<b>7,570</b>	<b>4,530</b>	<b>935.8</b>	<b>1,197.6</b>	<b>685.5</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)	6	2	4	0.5	0.3	0.6
<b>Tuberculosis (A16-A19)</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>0.5</b>	<b>0.6</b>	<b>0.3</b>
Respiratory tuberculosis (A16)	4	3	1	0.3	0.5	0.2
Other tuberculosis (A17-A19)	2	1	1	0.2	0.2	0.2
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	69	38	31	5.3	6.0	4.7
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)	24	14	10	1.9	2.2	1.5
Human immunodeficiency virus [HIV] disease (B20-B24)	13	12	1	1.0	1.9	0.2
Malaria (B50-B54)	1	1	0	0.1	0.2	0.0
Other and unspecified infectious and parasitic diseases and their sequelae <sup>10</sup>	32	19	13	2.5	3.0	2.0
<b>Malignant neoplasms (C00-C97)</b>	<b>5,808</b>	<b>3,378</b>	<b>2,430</b>	<b>449.2</b>	<b>534.4</b>	<b>367.7</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	112	95	17	8.7	15.0	2.6
Malignant neoplasm of oesophagus (C15)	145	118	27	11.2	18.7	4.1
Malignant neoplasm of stomach (C16)	151	112	39	11.7	17.7	5.9
Malignant neoplasms of colon, rectum and anus (C18-C21)	520	335	185	40.2	53.0	28.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	172	125	47	13.3	19.8	7.1
Malignant neoplasm of pancreas (C25)	292	190	102	22.6	30.1	15.4
Malignant neoplasm of larynx (C32)	63	56	7	4.9	8.9	1.1
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,897	1,191	706	146.7	188.4	106.8
Malignant melanoma of skin (C43)	74	53	21	5.7	8.4	3.2
Malignant neoplasm of breast (C50)	462	4	458	35.7	0.6	69.3
Malignant neoplasm of cervix uteri (C53)	...	...	33	...	...	5.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	46	...	...	7.0
Malignant neoplasm of ovary (C56)	...	...	142	...	...	21.5
Malignant neoplasm of prostate (C61)	...	151	...	...	23.9	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	123	84	39	9.5	13.3	5.9
Malignant neoplasm of bladder (C67)	94	72	22	7.3	11.4	3.3
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	179	109	70	13.8	17.2	10.6
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>463</b>	<b>288</b>	<b>175</b>	<b>35.8</b>	<b>45.6</b>	<b>26.5</b>
Hodgkin's disease (C81)	3	1	2	0.2	0.2	0.3
Non-Hodgkin's lymphoma (C82-C85)	225	140	85	17.4	22.1	12.9
Leukaemia (C91-C95)	139	90	49	10.8	14.2	7.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	95	57	38	7.3	9.0	5.7
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	0	1	0.1	0.0	0.2
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	689	395	294	53.3	62.5	44.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	68	33	35	5.3	5.2	5.3
Anaemias (D50-D64)	10	5	5	0.8	0.8	0.8
Diabetes mellitus (E10-E14)	388	249	139	30.0	39.4	21.0
<b>Nutritional deficiencies (E40-E64)</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0.2</b>	<b>0.5</b>	<b>0.0</b>
Malnutrition (E40-E46)	2	2	0	0.2	0.3	0.0
Other nutritional deficiencies (E50-E64)	1	1	0	0.1	0.2	0.0
Meningitis (G00, G03)	3	2	1	0.2	0.3	0.2
Parkinson's disease (G20-G21)	21	11	10	1.6	1.7	1.5
Alzheimer's disease (G30)	45	22	23	3.5	3.5	3.5
<b>Major cardiovascular diseases (I00-I78)</b>	<b>3,120</b>	<b>2,231</b>	<b>889</b>	<b>241.3</b>	<b>352.9</b>	<b>134.5</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>2,500</b>	<b>1,837</b>	<b>663</b>	<b>193.4</b>	<b>290.6</b>	<b>100.3</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	29	10	19	2.2	1.6	2.9
Hypertensive heart disease (I11)	34	23	11	2.6	3.6	1.7

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)	3	1	2	0.2	0.2	0.3
<b>Ischaemic heart diseases (I20-I25)</b>	<b>2,077</b>	<b>1,575</b>	<b>502</b>	<b>160.6</b>	<b>249.2</b>	<b>76.0</b>
Acute myocardial infarction (I21-I22)	1,120	857	263	86.6	135.6	39.8
Other acute ischaemic heart diseases (I24)	34	26	8	2.6	4.1	1.2
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>923</b>	<b>692</b>	<b>231</b>	<b>71.4</b>	<b>109.5</b>	<b>35.0</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	94	71	23	7.3	11.2	3.5
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	829	621	208	64.1	98.2	31.5
<b>Other heart diseases (I26-I51)</b>	<b>357</b>	<b>228</b>	<b>129</b>	<b>27.6</b>	<b>36.1</b>	<b>19.5</b>
Acute and subacute endocarditis (I33)	7	5	2	0.5	0.8	0.3
Diseases of pericardium and acute myocarditis (I30-I31, I40)	11	6	5	0.9	0.9	0.8
Heart failure (I50)	64	35	29	4.9	5.5	4.4
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	275	182	93	21.3	28.8	14.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	25	13	12	1.9	2.1	1.8
Cerebrovascular diseases (I60-I69)	419	251	168	32.4	39.7	25.4
Atherosclerosis (I70)	30	20	10	2.3	3.2	1.5
<b>Other diseases of circulatory system (I71-I78)</b>	<b>146</b>	<b>110</b>	<b>36</b>	<b>11.3</b>	<b>17.4</b>	<b>5.4</b>
Aortic aneurysm and dissection (I71)	103	82	21	8.0	13.0	3.2
Other diseases of arteries, arterioles and capillaries (I72-I78)	43	28	15	3.3	4.4	2.3
Other disorders of circulatory system (I80-I99)	20	11	9	1.5	1.7	1.4
<b>Influenza and pneumonia (J10-J18)</b>	<b>93</b>	<b>57</b>	<b>36</b>	<b>7.2</b>	<b>9.0</b>	<b>5.4</b>
Influenza (J10-J11)	2	0	2	0.2	0.0	0.3
Pneumonia (J12-J18)	91	57	34	7.0	9.0	5.1
<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>370</b>	<b>201</b>	<b>169</b>	<b>28.6</b>	<b>31.8</b>	<b>25.6</b>
Bronchitis, chronic and unspecified (J40-J42)	5	4	1	0.4	0.6	0.2
Emphysema (J43)	54	30	24	4.2	4.7	3.6
Asthma (J45-J46)	24	17	7	1.9	2.7	1.1
Other chronic lower respiratory diseases (J44, J47)	287	150	137	22.2	23.7	20.7
Pneumoconioses and chemical effects (J60-J66, J68)	2	2	0	0.2	0.3	0.0
Pneumonitis due to solids and liquids (J69)	28	20	8	2.2	3.2	1.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	103	64	39	8.0	10.1	5.9
Peptic ulcer (K25-K28)	22	11	11	1.7	1.7	1.7
Diseases of appendix (K35-K38)	2	2	0	0.2	0.3	0.0
Hernia (K40-K46)	7	4	3	0.5	0.6	0.5
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>280</b>	<b>207</b>	<b>73</b>	<b>21.7</b>	<b>32.7</b>	<b>11.0</b>
Alcoholic liver disease (K70)	162	128	34	12.5	20.2	5.1
Other chronic liver disease and cirrhosis (K73-K74)	118	79	39	9.1	12.5	5.9
Cholelithiasis and other disorders of gallbladder (K80-K82)	8	5	3	0.6	0.8	0.5
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>101</b>	<b>56</b>	<b>45</b>	<b>7.8</b>	<b>8.9</b>	<b>6.8</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)	4	3	1	0.3	0.5	0.2
Renal failure (N17-N19)	97	53	44	7.5	8.4	6.7
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	3	2	1	0.2	0.3	0.2
Hyperplasia of prostate (N40)	...	1	...	...	0.2	...
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)	29	18	11	2.2	2.8	1.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	143	95	48	11.1	15.0	7.3
All other diseases (residual) <sup>11</sup>	793	452	341	61.3	71.5	51.6
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>291</b>	<b>200</b>	<b>91</b>	<b>22.5</b>	<b>31.6</b>	<b>13.8</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>131</b>	<b>89</b>	<b>42</b>	<b>10.1</b>	<b>14.1</b>	<b>6.4</b>
Motor vehicle accidents <sup>12</sup>	116	75	41	9.0	11.9	6.2
Other land transport accidents <sup>13</sup>	5	4	1	0.4	0.6	0.2

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)	10	10	0	0.8	1.6	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>160</b>	<b>111</b>	<b>49</b>	<b>12.4</b>	<b>17.6</b>	<b>7.4</b>
Falls (W00-W19)	54	43	11	4.2	6.8	1.7
Accidental discharge of firearms (W32-W34)	1	1	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	10	7	3	0.8	1.1	0.5
Accidental exposure to smoke, fire and flames (X00-X09)	10	6	4	0.8	0.9	0.6
Accidental poisoning and exposure to noxious substances (X40-X49)	26	12	14	2.0	1.9	2.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	59	42	17	4.6	6.6	2.6
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>154</b>	<b>117</b>	<b>37</b>	<b>11.9</b>	<b>18.5</b>	<b>5.6</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	43	42	1	3.3	6.6	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	111	75	36	8.6	11.9	5.4
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>8</b>	<b>8</b>	<b>0</b>	<b>0.6</b>	<b>1.3</b>	<b>0.0</b>
Assault (homicide) by discharge of firearms (X93-X95)	3	3	0	0.2	0.5	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	5	5	0	0.4	0.8	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>19</b>	<b>8</b>	<b>11</b>	<b>1.5</b>	<b>1.3</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)	19	8	11	1.5	1.3	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)	6	5	1	0.5	0.8	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>17,452</b>	<b>10,613</b>	<b>6,839</b>	<b>1,530.0</b>	<b>1,933.0</b>	<b>1,156.0</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)	19	10	9	1.7	1.8	1.5
<b>Tuberculosis (A16-A19)</b>	<b>10</b>	<b>9</b>	<b>1</b>	<b>0.9</b>	<b>1.6</b>	<b>0.2</b>
Respiratory tuberculosis (A16)	9	8	1	0.8	1.5	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	1	0	0.1	0.2	0.0
Septicaemia (A40-A41)	97	59	38	8.5	10.7	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)	37	18	19	3.2	3.3	3.2
Human immunodeficiency virus [HIV] disease (B20-B24)	12	10	2	1.1	1.8	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>	33	13	20	2.9	2.4	3.4
<b>Malignant neoplasms (C00-C97)</b>	<b>7,802</b>	<b>4,520</b>	<b>3,282</b>	<b>684.0</b>	<b>823.2</b>	<b>554.7</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	146	105	41	12.8	19.1	6.9
Malignant neoplasm of oesophagus (C15)	192	153	39	16.8	27.9	6.6
Malignant neoplasm of stomach (C16)	214	153	61	18.8	27.9	10.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	772	474	298	67.7	86.3	50.4
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	188	138	50	16.5	25.1	8.5
Malignant neoplasm of pancreas (C25)	400	231	169	35.1	42.1	28.6
Malignant neoplasm of larynx (C32)	92	77	15	8.1	14.0	2.5
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2,557	1,579	978	224.2	287.6	165.3
Malignant melanoma of skin (C43)	61	40	21	5.3	7.3	3.5
Malignant neoplasm of breast (C50)	508	11	497	44.5	2.0	84.0
Malignant neoplasm of cervix uteri (C53)	...	...	32	...	...	5.4
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	68	...	...	11.5
Malignant neoplasm of ovary (C56)	...	...	166	...	...	28.1
Malignant neoplasm of prostate (C61)	...	325	...	...	59.2	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	152	108	44	13.3	19.7	7.4
Malignant neoplasm of bladder (C67)	128	102	26	11.2	18.6	4.4
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	158	93	65	13.9	16.9	11.0
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>673</b>	<b>386</b>	<b>287</b>	<b>59.0</b>	<b>70.3</b>	<b>48.5</b>
Hodgkin's disease (C81)	13	10	3	1.1	1.8	0.5
Non-Hodgkin's lymphoma (C82-C85)	288	155	133	25.2	28.2	22.5
Leukaemia (C91-C95)	233	147	86	20.4	26.8	14.5
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	138	73	65	12.1	13.3	11.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	1	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)	970	545	425	85.0	99.3	71.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	99	62	37	8.7	11.3	6.3
Anaemias (D50-D64)	16	7	9	1.4	1.3	1.5
Diabetes mellitus (E10-E14)	654	356	298	57.3	64.8	50.4
<b>Nutritional deficiencies (E40-E64)</b>	<b>12</b>	<b>8</b>	<b>4</b>	<b>1.1</b>	<b>1.5</b>	<b>0.7</b>
Malnutrition (E40-E46)	10	7	3	0.9	1.3	0.5
Other nutritional deficiencies (E50-E64)	2	1	1	0.2	0.2	0.2
Meningitis (G00, G03)	2	1	1	0.2	0.2	0.2
Parkinson's disease (G20-G21)	44	31	13	3.9	5.6	2.2
Alzheimer's disease (G30)	116	58	58	10.2	10.6	9.8
<b>Major cardiovascular diseases (I00-I78)</b>	<b>4,923</b>	<b>3,318</b>	<b>1,605</b>	<b>431.6</b>	<b>604.3</b>	<b>271.3</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>3,808</b>	<b>2,620</b>	<b>1,188</b>	<b>333.8</b>	<b>477.2</b>	<b>200.8</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	36	12	24	3.2	2.2	4.1
Hypertensive heart disease (I11)	29	15	14	2.5	2.7	2.4

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)	4	2	2	0.4	0.4	0.3
<b>Ischaemic heart diseases (I20-I25)</b>	<b>3,150</b>	<b>2,245</b>	<b>905</b>	<b>276.2</b>	<b>408.9</b>	<b>153.0</b>
Acute myocardial infarction (I21-I22)	1,644	1,171	473	144.1	213.3	80.0
Other acute ischaemic heart diseases (I24)	38	29	9	3.3	5.3	1.5
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>1,468</b>	<b>1,045</b>	<b>423</b>	<b>128.7</b>	<b>190.3</b>	<b>71.5</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	110	80	30	9.6	14.6	5.1
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1,358	965	393	119.1	175.8	66.4
<b>Other heart diseases (I26-I51)</b>	<b>589</b>	<b>346</b>	<b>243</b>	<b>51.6</b>	<b>63.0</b>	<b>41.1</b>
Acute and subacute endocarditis (I33)	14	9	5	1.2	1.6	0.8
Diseases of pericardium and acute myocarditis (I30-I31, I40)	8	7	1	0.7	1.3	0.2
Heart failure (I50)	130	72	58	11.4	13.1	9.8
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	437	258	179	38.3	47.0	30.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	37	17	20	3.2	3.1	3.4
Cerebrovascular diseases (I60-I69)	774	464	310	67.9	84.5	52.4
Atherosclerosis (I70)	39	27	12	3.4	4.9	2.0
<b>Other diseases of circulatory system (I71-I78)</b>	<b>265</b>	<b>190</b>	<b>75</b>	<b>23.2</b>	<b>34.6</b>	<b>12.7</b>
Aortic aneurysm and dissection (I71)	177	131	46	15.5	23.9	7.8
Other diseases of arteries, arterioles and capillaries (I72-I78)	88	59	29	7.7	10.7	4.9
Other disorders of circulatory system (I80-I99)	38	17	21	3.3	3.1	3.5
<b>Influenza and pneumonia (J10-J18)</b>	<b>151</b>	<b>85</b>	<b>66</b>	<b>13.2</b>	<b>15.5</b>	<b>11.2</b>
Influenza (J10-J11)	3	0	3	0.3	0.0	0.5
Pneumonia (J12-J18)	148	85	63	13.0	15.5	10.6
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>0.4</b>	<b>0.5</b>	<b>0.2</b>
Acute bronchitis and bronchiolitis (J20-J21)	2	2	0	0.2	0.4	0.0
Unspecified acute lower respiratory infection (J22)	2	1	1	0.2	0.2	0.2
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>755</b>	<b>420</b>	<b>335</b>	<b>66.2</b>	<b>76.5</b>	<b>56.6</b>
Bronchitis, chronic and unspecified (J40-J42)	8	5	3	0.7	0.9	0.5
Emphysema (J43)	95	55	40	8.3	10.0	6.8
Asthma (J45-J46)	17	9	8	1.5	1.6	1.4
Other chronic lower respiratory diseases (J44, J47)	635	351	284	55.7	63.9	48.0
Pneumoconioses and chemical effects (J60-J66, J68)	8	8	0	0.7	1.5	0.0
Pneumonitis due to solids and liquids (J69)	45	29	16	3.9	5.3	2.7
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	173	107	66	15.2	19.5	11.2
Peptic ulcer (K25-K28)	34	18	16	3.0	3.3	2.7
Diseases of appendix (K35-K38)	6	4	2	0.5	0.7	0.3
Hernia (K40-K46)	7	4	3	0.6	0.7	0.5
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>324</b>	<b>221</b>	<b>103</b>	<b>28.4</b>	<b>40.3</b>	<b>17.4</b>
Alcoholic liver disease (K70)	159	123	36	13.9	22.4	6.1
Other chronic liver disease and cirrhosis (K73-K74)	165	98	67	14.5	17.8	11.3
Cholelithiasis and other disorders of gallbladder (K80-K82)	24	12	12	2.1	2.2	2.0
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>201</b>	<b>125</b>	<b>76</b>	<b>17.6</b>	<b>22.8</b>	<b>12.8</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)	7	5	2	0.6	0.9	0.3
Renal failure (N17-N19)	194	120	74	17.0	21.9	12.5
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	2	2	0	0.2	0.4	0.0
Hyperplasia of prostate (N40)	...	1	...	...	0.2	...
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)	25	16	9	2.2	2.9	1.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	159	100	59	13.9	18.2	10.0
All other diseases (residual) <sup>11</sup>	1,145	630	515	100.4	114.7	87.0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>329</b>	<b>230</b>	<b>99</b>	<b>28.8</b>	<b>41.9</b>	<b>16.7</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>130</b>	<b>89</b>	<b>41</b>	<b>11.4</b>	<b>16.2</b>	<b>6.9</b>
Motor vehicle accidents <sup>12</sup>	110	72	38	9.6	13.1	6.4
Other land transport accidents <sup>13</sup>	12	9	3	1.1	1.6	0.5

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
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	8	8	0	0.7	1.5	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>199</b>	<b>141</b>	<b>58</b>	<b>17.4</b>	<b>25.7</b>	<b>9.8</b>
Falls (W00-W19)	79	60	19	6.9	10.9	3.2
Accidental discharge of firearms (W32-W34)	1	1	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	11	9	2	1.0	1.6	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	13	9	4	1.1	1.6	0.7
Accidental poisoning and exposure to noxious substances (X40-X49)	28	15	13	2.5	2.7	2.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	67	47	20	5.9	8.6	3.4
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>104</b>	<b>72</b>	<b>32</b>	<b>9.1</b>	<b>13.1</b>	<b>5.4</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	25	23	2	2.2	4.2	0.3
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	79	49	30	6.9	8.9	5.1
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>8</b>	<b>5</b>	<b>3</b>	<b>0.7</b>	<b>0.9</b>	<b>0.5</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)	6	4	2	0.5	0.7	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>17</b>	<b>11</b>	<b>6</b>	<b>1.5</b>	<b>2.0</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)	17	11	6	1.5	2.0	1.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	13	11	2	1.1	2.0	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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>24,938</b>	<b>14,748</b>	<b>10,190</b>	<b>2,459.5</b>	<b>3,172.3</b>	<b>1,855.9</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)	33	14	19	3.3	3.0	3.5
<b>Tuberculosis (A16-A19)</b>	<b>11</b>	<b>6</b>	<b>5</b>	<b>1.1</b>	<b>1.3</b>	<b>0.9</b>
Respiratory tuberculosis (A16)	11	6	5	1.1	1.3	0.9
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	0.1	0.0	0.2
Septicaemia (A40-A41)	139	73	66	13.7	15.7	12.0
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)	29	13	16	2.9	2.8	2.9
Human immunodeficiency virus [HIV] disease (B20-B24)	8	7	1	0.8	1.5	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>	64	30	34	6.3	6.5	6.2
<b>Malignant neoplasms (C00-C97)</b>	<b>9,919</b>	<b>5,789</b>	<b>4,130</b>	<b>978.3</b>	<b>1,245.2</b>	<b>752.2</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	147	110	37	14.5	23.7	6.7
Malignant neoplasm of oesophagus (C15)	222	178	44	21.9	38.3	8.0
Malignant neoplasm of stomach (C16)	292	205	87	28.8	44.1	15.8
Malignant neoplasms of colon, rectum and anus (C18-C21)	974	566	408	96.1	121.7	74.3
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	249	170	79	24.6	36.6	14.4
Malignant neoplasm of pancreas (C25)	514	288	226	50.7	61.9	41.2
Malignant neoplasm of larynx (C32)	81	68	13	8.0	14.6	2.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	3,045	1,920	1,125	300.3	413.0	204.9
Malignant melanoma of skin (C43)	94	64	30	9.3	13.8	5.5
Malignant neoplasm of breast (C50)	582	7	575	57.4	1.5	104.7
Malignant neoplasm of cervix uteri (C53)	...	...	30	...	...	5.5
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	100	...	...	18.2
Malignant neoplasm of ovary (C56)	...	...	207	...	...	37.7
Malignant neoplasm of prostate (C61)	...	577	...	...	124.1	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	210	138	72	20.7	29.7	13.1
Malignant neoplasm of bladder (C67)	209	162	47	20.6	34.8	8.6
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	206	99	107	20.3	21.3	19.5
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>903</b>	<b>519</b>	<b>384</b>	<b>89.1</b>	<b>111.6</b>	<b>69.9</b>
Hodgkin's disease (C81)	23	11	12	2.3	2.4	2.2
Non-Hodgkin's lymphoma (C82-C85)	380	220	160	37.5	47.3	29.1
Leukaemia (C91-C95)	313	194	119	30.9	41.7	21.7
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	185	92	93	18.2	19.8	16.9
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)	1,277	718	559	125.9	154.4	101.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	169	73	96	16.7	15.7	17.5
Anaemias (D50-D64)	27	8	19	2.7	1.7	3.5
Diabetes mellitus (E10-E14)	957	548	409	94.4	117.9	74.5
<b>Nutritional deficiencies (E40-E64)</b>	<b>19</b>	<b>13</b>	<b>6</b>	<b>1.9</b>	<b>2.8</b>	<b>1.1</b>
Malnutrition (E40-E46)	18	12	6	1.8	2.6	1.1
Other nutritional deficiencies (E50-E64)	1	1	0	0.1	0.2	0.0
Meningitis (G00, G03)	9	4	5	0.9	0.9	0.9
Parkinson's disease (G20-G21)	154	106	48	15.2	22.8	8.7
Alzheimer's disease (G30)	296	131	165	29.2	28.2	30.1
<b>Major cardiovascular diseases (I00-I78)</b>	<b>7,831</b>	<b>4,913</b>	<b>2,918</b>	<b>772.3</b>	<b>1,056.8</b>	<b>531.5</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>5,877</b>	<b>3,769</b>	<b>2,108</b>	<b>579.6</b>	<b>810.7</b>	<b>383.9</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	54	14	40	5.3	3.0	7.3
Hypertensive heart disease (I11)	44	21	23	4.3	4.5	4.2

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)	5	2	3	0.5	0.4	0.5
<b>Ischaemic heart diseases (I20-I25)</b>	<b>4,766</b>	<b>3,172</b>	<b>1,594</b>	<b>470.0</b>	<b>682.3</b>	<b>290.3</b>
Acute myocardial infarction (I21-I22)	2,393	1,564	829	236.0	336.4	151.0
Other acute ischaemic heart diseases (I24)	86	58	28	8.5	12.5	5.1
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>2,287</b>	<b>1,550</b>	<b>737</b>	<b>225.6</b>	<b>333.4</b>	<b>134.2</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	186	124	62	18.3	26.7	11.3
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	2,101	1,426	675	207.2	306.7	122.9
<b>Other heart diseases (I26-I51)</b>	<b>1,008</b>	<b>560</b>	<b>448</b>	<b>99.4</b>	<b>120.5</b>	<b>81.6</b>
Acute and subacute endocarditis (I33)	9	5	4	0.9	1.1	0.7
Diseases of pericardium and acute myocarditis (I30-I31, I40)	13	8	5	1.3	1.7	0.9
Heart failure (I50)	296	167	129	29.2	35.9	23.5
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	690	380	310	68.1	81.7	56.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	82	46	36	8.1	9.9	6.6
Cerebrovascular diseases (I60-I69)	1,391	773	618	137.2	166.3	112.6
Atherosclerosis (I70)	73	45	28	7.2	9.7	5.1
<b>Other diseases of circulatory system (I71-I78)</b>	<b>408</b>	<b>280</b>	<b>128</b>	<b>40.2</b>	<b>60.2</b>	<b>23.3</b>
Aortic aneurysm and dissection (I71)	285	200	85	28.1	43.0	15.5
Other diseases of arteries, arterioles and capillaries (I72-I78)	123	80	43	12.1	17.2	7.8
Other disorders of circulatory system (I80-I99)	42	27	15	4.1	5.8	2.7
<b>Influenza and pneumonia (J10-J18)</b>	<b>277</b>	<b>152</b>	<b>125</b>	<b>27.3</b>	<b>32.7</b>	<b>22.8</b>
Influenza (J10-J11)	5	1	4	0.5	0.2	0.7
Pneumonia (J12-J18)	272	151	121	26.8	32.5	22.0
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>0.6</b>	<b>0.9</b>	<b>0.4</b>
Acute bronchitis and bronchiolitis (J20-J21)	2	2	0	0.2	0.4	0.0
Unspecified acute lower respiratory infection (J22)	4	2	2	0.4	0.4	0.4
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>1,357</b>	<b>790</b>	<b>567</b>	<b>133.8</b>	<b>169.9</b>	<b>103.3</b>
Bronchitis, chronic and unspecified (J40-J42)	15	10	5	1.5	2.2	0.9
Emphysema (J43)	148	95	53	14.6	20.4	9.7
Asthma (J45-J46)	22	10	12	2.2	2.2	2.2
Other chronic lower respiratory diseases (J44, J47)	1,172	675	497	115.6	145.2	90.5
Pneumoconioses and chemical effects (J60-J66, J68)	9	9	0	0.9	1.9	0.0
Pneumonitis due to solids and liquids (J69)	69	42	27	6.8	9.0	4.9
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	292	170	122	28.8	36.6	22.2
Peptic ulcer (K25-K28)	57	34	23	5.6	7.3	4.2
Diseases of appendix (K35-K38)	2	2	0	0.2	0.4	0.0
Hernia (K40-K46)	17	11	6	1.7	2.4	1.1
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>331</b>	<b>206</b>	<b>125</b>	<b>32.6</b>	<b>44.3</b>	<b>22.8</b>
Alcoholic liver disease (K70)	112	94	18	11.0	20.2	3.3
Other chronic liver disease and cirrhosis (K73-K74)	219	112	107	21.6	24.1	19.5
Cholelithiasis and other disorders of gallbladder (K80-K82)	34	21	13	3.4	4.5	2.4
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>316</b>	<b>194</b>	<b>122</b>	<b>31.2</b>	<b>41.7</b>	<b>22.2</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	2	1	1	0.2	0.2	0.2
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	5	3	2	0.5	0.6	0.4
Renal failure (N17-N19)	308	189	119	30.4	40.7	21.7
Other disorders of kidney (N25, N27)	1	1	0	0.1	0.2	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	6	2	4	0.6	0.4	0.7
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)	17	8	9	1.7	1.7	1.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	191	107	84	18.8	23.0	15.3
All other diseases (residual) <sup>11</sup>	1,661	854	807	163.8	183.7	147.0
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>423</b>	<b>267</b>	<b>156</b>	<b>41.7</b>	<b>57.4</b>	<b>28.4</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>122</b>	<b>71</b>	<b>51</b>	<b>12.0</b>	<b>15.3</b>	<b>9.3</b>
Motor vehicle accidents <sup>12</sup>	110	63	47	10.8	13.6	8.6
Other land transport accidents <sup>13</sup>	8	5	3	0.8	1.1	0.5

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)	4	3	1	0.4	0.6	0.2
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>301</b>	<b>196</b>	<b>105</b>	<b>29.7</b>	<b>42.2</b>	<b>19.1</b>
Falls (W00-W19)	133	79	54	13.1	17.0	9.8
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	14	11	3	1.4	2.4	0.5
Accidental exposure to smoke, fire and flames (X00-X09)	18	12	6	1.8	2.6	1.1
Accidental poisoning and exposure to noxious substances (X40-X49)	15	9	6	1.5	1.9	1.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	121	85	36	11.9	18.3	6.6
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>125</b>	<b>99</b>	<b>26</b>	<b>12.3</b>	<b>21.3</b>	<b>4.7</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	39	38	1	3.8	8.2	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	86	61	25	8.5	13.1	4.6
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>7</b>	<b>3</b>	<b>4</b>	<b>0.7</b>	<b>0.6</b>	<b>0.7</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)	7	3	4	0.7	0.6	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>10</b>	<b>6</b>	<b>4</b>	<b>1.0</b>	<b>1.3</b>	<b>0.7</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)	9	5	4	0.9	1.1	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)	19	9	10	1.9	1.9	1.8

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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>32,381</b>	<b>17,718</b>	<b>14,663</b>	<b>3,960.3</b>	<b>5,202.3</b>	<b>3,073.7</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)	52	28	24	6.4	8.2	5.0
<b>Tuberculosis (A16-A19)</b>	<b>16</b>	<b>7</b>	<b>9</b>	<b>2.0</b>	<b>2.1</b>	<b>1.9</b>
Respiratory tuberculosis (A16)	11	4	7	1.3	1.2	1.5
Other tuberculosis (A17-A19)	5	3	2	0.6	0.9	0.4
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)	203	96	107	24.8	28.2	22.4
Syphilis (A50-A53)	1	0	1	0.1	0.0	0.2
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)	43	11	32	5.3	3.2	6.7
Human immunodeficiency virus [HIV] disease (B20-B24)	2	1	1	0.2	0.3	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>	65	29	36	7.9	8.5	7.5
<b>Malignant neoplasms (C00-C97)</b>	<b>10,575</b>	<b>5,909</b>	<b>4,666</b>	<b>1,293.4</b>	<b>1,735.0</b>	<b>978.1</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	125	80	45	15.3	23.5	9.4
Malignant neoplasm of oesophagus (C15)	197	145	52	24.1	42.6	10.9
Malignant neoplasm of stomach (C16)	298	182	116	36.4	53.4	24.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	1,115	600	515	136.4	176.2	108.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	220	124	96	26.9	36.4	20.1
Malignant neoplasm of pancreas (C25)	597	241	356	73.0	70.8	74.6
Malignant neoplasm of larynx (C32)	85	76	9	10.4	22.3	1.9
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2,887	1,771	1,116	353.1	520.0	233.9
Malignant melanoma of skin (C43)	76	50	26	9.3	14.7	5.5
Malignant neoplasm of breast (C50)	580	8	572	70.9	2.3	119.9
Malignant neoplasm of cervix uteri (C53)	...	...	30	...	...	6.3
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	100	...	...	21.0
Malignant neoplasm of ovary (C56)	...	...	244	...	...	51.1
Malignant neoplasm of prostate (C61)	...	848	...	...	249.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	208	120	88	25.4	35.2	18.4
Malignant neoplasm of bladder (C67)	295	225	70	36.1	66.1	14.7
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	168	82	86	20.5	24.1	18.0
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>1,022</b>	<b>574</b>	<b>448</b>	<b>125.0</b>	<b>168.5</b>	<b>93.9</b>
Hodgkin's disease (C81)	15	7	8	1.8	2.1	1.7
Non-Hodgkin's lymphoma (C82-C85)	442	234	208	54.1	68.7	43.6
Leukaemia (C91-C95)	338	211	127	41.3	62.0	26.6
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	224	122	102	27.4	35.8	21.4
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	3	0	3	0.4	0.0	0.6
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)	1,480	783	697	181.0	229.9	146.1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	246	124	122	30.1	36.4	25.6
Anaemias (D50-D64)	62	30	32	7.6	8.8	6.7
Diabetes mellitus (E10-E14)	1,233	616	617	150.8	180.9	129.3
<b>Nutritional deficiencies (E40-E64)</b>	<b>30</b>	<b>17</b>	<b>13</b>	<b>3.7</b>	<b>5.0</b>	<b>2.7</b>
Malnutrition (E40-E46)	25	13	12	3.1	3.8	2.5
Other nutritional deficiencies (E50-E64)	5	4	1	0.6	1.2	0.2
Meningitis (G00, G03)	3	3	0	0.4	0.9	0.0
Parkinson's disease (G20-G21)	320	193	127	39.1	56.7	26.6
Alzheimer's disease (G30)	716	300	416	87.6	88.1	87.2
<b>Major cardiovascular diseases (I00-I78)</b>	<b>11,461</b>	<b>6,423</b>	<b>5,038</b>	<b>1,401.7</b>	<b>1,885.9</b>	<b>1,056.1</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>8,231</b>	<b>4,703</b>	<b>3,528</b>	<b>1,006.7</b>	<b>1,380.9</b>	<b>739.5</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	69	17	52	8.4	5.0	10.9
Hypertensive heart disease (I11)	59	27	32	7.2	7.9	6.7

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)	19	7	12	2.3	2.1	2.5
<b>Ischaemic heart diseases (I20-I25)</b>	<b>6,597</b>	<b>3,916</b>	<b>2,681</b>	<b>806.8</b>	<b>1,149.8</b>	<b>562.0</b>
Acute myocardial infarction (I21-I22)	3,251	1,900	1,351	397.6	557.9	283.2
Other acute ischaemic heart diseases (I24)	82	46	36	10.0	13.5	7.5
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>3,264</b>	<b>1,970</b>	<b>1,294</b>	<b>399.2</b>	<b>578.4</b>	<b>271.2</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	178	104	74	21.8	30.5	15.5
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,086	1,866	1,220	377.4	547.9	255.7
<b>Other heart diseases (I26-I51)</b>	<b>1,487</b>	<b>736</b>	<b>751</b>	<b>181.9</b>	<b>216.1</b>	<b>157.4</b>
Acute and subacute endocarditis (I33)	12	9	3	1.5	2.6	0.6
Diseases of pericardium and acute myocarditis (I30-I31, I40)	9	4	5	1.1	1.2	1.0
Heart failure (I50)	530	249	281	64.8	73.1	58.9
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	936	474	462	114.5	139.2	96.8
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	168	68	100	20.5	20.0	21.0
Cerebrovascular diseases (I60-I69)	2,328	1,175	1,153	284.7	345.0	241.7
Atherosclerosis (I70)	157	104	53	19.2	30.5	11.1
<b>Other diseases of circulatory system (I71-I78)</b>	<b>577</b>	<b>373</b>	<b>204</b>	<b>70.6</b>	<b>109.5</b>	<b>42.8</b>
Aortic aneurysm and dissection (I71)	405	269	136	49.5	79.0	28.5
Other diseases of arteries, arterioles and capillaries (I72-I78)	172	104	68	21.0	30.5	14.3
Other disorders of circulatory system (I80-I99)	42	20	22	5.1	5.9	4.6
<b>Influenza and pneumonia (J10-J18)</b>	<b>547</b>	<b>302</b>	<b>245</b>	<b>66.9</b>	<b>88.7</b>	<b>51.4</b>
Influenza (J10-J11)	15	11	4	1.8	3.2	0.8
Pneumonia (J12-J18)	532	291	241	65.1	85.4	50.5
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>12</b>	<b>8</b>	<b>4</b>	<b>1.5</b>	<b>2.3</b>	<b>0.8</b>
Acute bronchitis and bronchiolitis (J20-J21)	6	3	3	0.7	0.9	0.6
Unspecified acute lower respiratory infection (J22)	6	5	1	0.7	1.5	0.2
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>1,953</b>	<b>1,142</b>	<b>811</b>	<b>238.9</b>	<b>335.3</b>	<b>170.0</b>
Bronchitis, chronic and unspecified (J40-J42)	43	27	16	5.3	7.9	3.4
Emphysema (J43)	170	111	59	20.8	32.6	12.4
Asthma (J45-J46)	36	15	21	4.4	4.4	4.4
Other chronic lower respiratory diseases (J44, J47)	1,704	989	715	208.4	290.4	149.9
Pneumoconioses and chemical effects (J60-J66, J68)	15	14	1	1.8	4.1	0.2
Pneumonitis due to solids and liquids (J69)	121	81	40	14.8	23.8	8.4
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	372	220	152	45.5	64.6	31.9
Peptic ulcer (K25-K28)	76	44	32	9.3	12.9	6.7
Diseases of appendix (K35-K38)	7	4	3	0.9	1.2	0.6
Hernia (K40-K46)	26	16	10	3.2	4.7	2.1
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>258</b>	<b>143</b>	<b>115</b>	<b>31.6</b>	<b>42.0</b>	<b>24.1</b>
Alcoholic liver disease (K70)	58	41	17	7.1	12.0	3.6
Other chronic liver disease and cirrhosis (K73-K74)	200	102	98	24.5	29.9	20.5
Cholelithiasis and other disorders of gallbladder (K80-K82)	52	31	21	6.4	9.1	4.4
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>537</b>	<b>308</b>	<b>229</b>	<b>65.7</b>	<b>90.4</b>	<b>48.0</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	4	2	2	0.5	0.6	0.4
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	11	5	6	1.3	1.5	1.3
Renal failure (N17-N19)	521	300	221	63.7	88.1	46.3
Other disorders of kidney (N25, N27)	1	1	0	0.1	0.3	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	14	5	9	1.7	1.5	1.9
Hyperplasia of prostate (N40)	...	10	...	...	2.9	...
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)	17	2	15	2.1	0.6	3.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	213	117	96	26.1	34.4	20.1
All other diseases (residual) <sup>11</sup>	2,364	1,069	1,295	289.1	313.9	271.5
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>578</b>	<b>300</b>	<b>278</b>	<b>70.7</b>	<b>88.1</b>	<b>58.3</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>122</b>	<b>69</b>	<b>53</b>	<b>14.9</b>	<b>20.3</b>	<b>11.1</b>
Motor vehicle accidents <sup>12</sup>	107	61	46	13.1	17.9	9.6
Other land transport accidents <sup>13</sup>	12	6	6	1.5	1.8	1.3

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)	3	2	1	0.4	0.6	0.2
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>456</b>	<b>231</b>	<b>225</b>	<b>55.8</b>	<b>67.8</b>	<b>47.2</b>
Falls (W00-W19)	204	98	106	25.0	28.8	22.2
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	10	9	1	1.2	2.6	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	18	9	9	2.2	2.6	1.9
Accidental poisoning and exposure to noxious substances (X40-X49)	15	10	5	1.8	2.9	1.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	209	105	104	25.6	30.8	21.8
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>91</b>	<b>70</b>	<b>21</b>	<b>11.1</b>	<b>20.6</b>	<b>4.4</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	23	23	0	2.8	6.8	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	68	47	21	8.3	13.8	4.4
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>9</b>	<b>5</b>	<b>4</b>	<b>1.1</b>	<b>1.5</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)	8	5	3	1.0	1.5	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>10</b>	<b>4</b>	<b>6</b>	<b>1.2</b>	<b>1.2</b>	<b>1.3</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)	10	4	6	1.2	1.2	1.3
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)	29	16	13	3.5	4.7	2.7

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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>34,630</b>	<b>16,828</b>	<b>17,802</b>	<b>6,597.5</b>	<b>8,564.2</b>	<b>5,420.8</b>
Salmonella infections (A01-A02)	1	0	1	0.2	0.0	0.3
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	51	21	30	9.7	10.7	9.1
<b>Tuberculosis (A16-A19)</b>	<b>23</b>	<b>17</b>	<b>6</b>	<b>4.4</b>	<b>8.7</b>	<b>1.8</b>
Respiratory tuberculosis (A16)	21	16	5	4.0	8.1	1.5
Other tuberculosis (A17-A19)	2	1	1	0.4	0.5	0.3
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)	224	100	124	42.7	50.9	37.8
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)	24	9	15	4.6	4.6	4.6
Human immunodeficiency virus [HIV] disease (B20-B24)	2	1	1	0.4	0.5	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>	53	27	26	10.1	13.7	7.9
<b>Malignant neoplasms (C00-C97)</b>	<b>8,541</b>	<b>4,450</b>	<b>4,091</b>	<b>1,627.2</b>	<b>2,264.7</b>	<b>1,245.7</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	112	60	52	21.3	30.5	15.8
Malignant neoplasm of oesophagus (C15)	158	100	58	30.1	50.9	17.7
Malignant neoplasm of stomach (C16)	250	142	108	47.6	72.3	32.9
Malignant neoplasms of colon, rectum and anus (C18-C21)	992	482	510	189.0	245.3	155.3
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	161	82	79	30.7	41.7	24.1
Malignant neoplasm of pancreas (C25)	424	169	255	80.8	86.0	77.6
Malignant neoplasm of larynx (C32)	56	43	13	10.7	21.9	4.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,871	1,118	753	356.5	569.0	229.3
Malignant melanoma of skin (C43)	63	40	23	12.0	20.4	7.0
Malignant neoplasm of breast (C50)	569	6	563	108.4	3.1	171.4
Malignant neoplasm of cervix uteri (C53)	...	...	44	...	...	13.4
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	97	...	...	29.5
Malignant neoplasm of ovary (C56)	...	...	181	...	...	55.1
Malignant neoplasm of prostate (C61)	...	826	...	...	420.4	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	178	102	76	33.9	51.9	23.1
Malignant neoplasm of bladder (C67)	272	193	79	51.8	98.2	24.1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	112	54	58	21.3	27.5	17.7
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>838</b>	<b>416</b>	<b>422</b>	<b>159.7</b>	<b>211.7</b>	<b>128.5</b>
Hodgkin's disease (C81)	7	3	4	1.3	1.5	1.2
Non-Hodgkin's lymphoma (C82-C85)	362	170	192	69.0	86.5	58.5
Leukaemia (C91-C95)	277	149	128	52.8	75.8	39.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	190	92	98	36.2	46.8	29.8
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	2	2	0	0.4	1.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	1,337	617	720	254.7	314.0	219.2
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	241	118	123	45.9	60.1	37.5
Anaemias (D50-D64)	64	30	34	12.2	15.3	10.4
Diabetes mellitus (E10-E14)	1,314	554	760	250.3	281.9	231.4
<b>Nutritional deficiencies (E40-E64)</b>	<b>34</b>	<b>13</b>	<b>21</b>	<b>6.5</b>	<b>6.6</b>	<b>6.4</b>
Malnutrition (E40-E46)	30	10	20	5.7	5.1	6.1
Other nutritional deficiencies (E50-E64)	4	3	1	0.8	1.5	0.3
Meningitis (G00, G03)	1	1	0	0.2	0.5	0.0
Parkinson's disease (G20-G21)	462	270	192	88.0	137.4	58.5
Alzheimer's disease (G30)	1,211	410	801	230.7	208.7	243.9
<b>Major cardiovascular diseases (I00-I78)</b>	<b>13,758</b>	<b>6,621</b>	<b>7,137</b>	<b>2,621.1</b>	<b>3,369.6</b>	<b>2,173.3</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>9,532</b>	<b>4,732</b>	<b>4,800</b>	<b>1,816.0</b>	<b>2,408.2</b>	<b>1,461.6</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	59	18	41	11.2	9.2	12.5
Hypertensive heart disease (I11)	82	24	58	15.6	12.2	17.7

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)	26	14	12	5.0	7.1	3.7
<b>Ischaemic heart diseases (I20-I25)</b>	<b>7,447</b>	<b>3,843</b>	<b>3,604</b>	<b>1,418.8</b>	<b>1,955.8</b>	<b>1,097.4</b>
Acute myocardial infarction (I21-I22)	3,395	1,725	1,670	646.8	877.9	508.5
Other acute ischaemic heart diseases (I24)	98	42	56	18.7	21.4	17.1
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>3,954</b>	<b>2,076</b>	<b>1,878</b>	<b>753.3</b>	<b>1,056.5</b>	<b>571.9</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	203	97	106	38.7	49.4	32.3
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,751	1,979	1,772	714.6	1,007.2	539.6
<b>Other heart diseases (I26-I51)</b>	<b>1,918</b>	<b>833</b>	<b>1,085</b>	<b>365.4</b>	<b>423.9</b>	<b>330.4</b>
Acute and subacute endocarditis (I33)	7	6	1	1.3	3.1	0.3
Diseases of pericardium and acute myocarditis (I30-I31, I40)	4	1	3	0.8	0.5	0.9
Heart failure (I50)	847	375	472	161.4	190.8	143.7
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,060	451	609	201.9	229.5	185.4
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	214	86	128	40.8	43.8	39.0
Cerebrovascular diseases (I60-I69)	3,222	1,389	1,833	613.8	706.9	558.2
Atherosclerosis (I70)	231	98	133	44.0	49.9	40.5
<b>Other diseases of circulatory system (I71-I78)</b>	<b>559</b>	<b>316</b>	<b>243</b>	<b>106.5</b>	<b>160.8</b>	<b>74.0</b>
Aortic aneurysm and dissection (I71)	382	223	159	72.8	113.5	48.4
Other diseases of arteries, arterioles and capillaries (I72-I78)	177	93	84	33.7	47.3	25.6
Other disorders of circulatory system (I80-I99)	64	27	37	12.2	13.7	11.3
<b>Influenza and pneumonia (J10-J18)</b>	<b>875</b>	<b>434</b>	<b>441</b>	<b>166.7</b>	<b>220.9</b>	<b>134.3</b>
Influenza (J10-J11)	13	6	7	2.5	3.1	2.1
Pneumonia (J12-J18)	862	428	434	164.2	217.8	132.2
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>13</b>	<b>5</b>	<b>8</b>	<b>2.5</b>	<b>2.5</b>	<b>2.4</b>
Acute bronchitis and bronchiolitis (J20-J21)	6	1	5	1.1	0.5	1.5
Unspecified acute lower respiratory infection (J22)	7	4	3	1.3	2.0	0.9
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>2,149</b>	<b>1,238</b>	<b>911</b>	<b>409.4</b>	<b>630.1</b>	<b>277.4</b>
Bronchitis, chronic and unspecified (J40-J42)	32	13	19	6.1	6.6	5.8
Emphysema (J43)	142	92	50	27.1	46.8	15.2
Asthma (J45-J46)	52	11	41	9.9	5.6	12.5
Other chronic lower respiratory diseases (J44, J47)	1,923	1,122	801	366.4	571.0	243.9
Pneumoconioses and chemical effects (J60-J66, J68)	6	6	0	1.1	3.1	0.0
Pneumonitis due to solids and liquids (J69)	137	71	66	26.1	36.1	20.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	368	194	174	70.1	98.7	53.0
Peptic ulcer (K25-K28)	87	45	42	16.6	22.9	12.8
Diseases of appendix (K35-K38)	8	5	3	1.5	2.5	0.9
Hernia (K40-K46)	50	21	29	9.5	10.7	8.8
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>131</b>	<b>72</b>	<b>59</b>	<b>25.0</b>	<b>36.6</b>	<b>18.0</b>
Alcoholic liver disease (K70)	31	27	4	5.9	13.7	1.2
Other chronic liver disease and cirrhosis (K73-K74)	100	45	55	19.1	22.9	16.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	45	23	22	8.6	11.7	6.7
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>662</b>	<b>354</b>	<b>308</b>	<b>126.1</b>	<b>180.2</b>	<b>93.8</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	3	0	3	0.6	0.0	0.9
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	2	2	0	0.4	1.0	0.0
Renal failure (N17-N19)	656	351	305	125.0	178.6	92.9
Other disorders of kidney (N25, N27)	1	1	0	0.2	0.5	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	19	5	14	3.6	2.5	4.3
Hyperplasia of prostate (N40)	...	9	...	...	4.6	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.3
<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)	17	5	12	3.2	2.5	3.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	251	118	133	47.8	60.1	40.5
All other diseases (residual) <sup>11</sup>	2,965	1,173	1,792	564.9	597.0	545.7
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>699</b>	<b>339</b>	<b>360</b>	<b>133.2</b>	<b>172.5</b>	<b>109.6</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>104</b>	<b>60</b>	<b>44</b>	<b>19.8</b>	<b>30.5</b>	<b>13.4</b>
Motor vehicle accidents <sup>12</sup>	90	54	36	17.1	27.5	11.0
Other land transport accidents <sup>13</sup>	11	5	6	2.1	2.5	1.8

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	1	2	0.6	0.5	0.6
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>595</b>	<b>279</b>	<b>316</b>	<b>113.4</b>	<b>142.0</b>	<b>96.2</b>
Falls (W00-W19)	277	137	140	52.8	69.7	42.6
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	6	3	3	1.1	1.5	0.9
Accidental exposure to smoke, fire and flames (X00-X09)	12	3	9	2.3	1.5	2.7
Accidental poisoning and exposure to noxious substances (X40-X49)	11	7	4	2.1	3.6	1.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	289	129	160	55.1	65.7	48.7
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>36</b>	<b>27</b>	<b>9</b>	<b>6.9</b>	<b>13.7</b>	<b>2.7</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	7	7	0	1.3	3.6	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	29	20	9	5.5	10.2	2.7
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.2</b>	<b>0.5</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	0.2	0.5	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>5</b>	<b>4</b>	<b>1</b>	<b>1.0</b>	<b>2.0</b>	<b>0.3</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	1.0	2.0	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)	28	10	18	5.3	5.1	5.5

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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>32,192</b>	<b>13,024</b>	<b>19,168</b>	<b>11,135.5</b>	<b>13,833.1</b>	<b>9,832.6</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)	66	24	42	22.8	25.5	21.5
<b>Tuberculosis (A16-A19)</b>	<b>16</b>	<b>9</b>	<b>7</b>	<b>5.5</b>	<b>9.6</b>	<b>3.6</b>
Respiratory tuberculosis (A16)	14	9	5	4.8	9.6	2.6
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)	245	91	154	84.7	96.7	79.0
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)	4	2	2	1.4	2.1	1.0
Human immunodeficiency virus [HIV] disease (B20-B24)	2	1	1	0.7	1.1	0.5
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>	66	26	40	22.8	27.6	20.5
<b>Malignant neoplasms (C00-C97)</b>	<b>5,756</b>	<b>2,705</b>	<b>3,051</b>	<b>1,991.0</b>	<b>2,873.0</b>	<b>1,565.1</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	76	38	38	26.3	40.4	19.5
Malignant neoplasm of oesophagus (C15)	102	49	53	35.3	52.0	27.2
Malignant neoplasm of stomach (C16)	198	96	102	68.5	102.0	52.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	740	297	443	256.0	315.5	227.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	99	45	54	34.2	47.8	27.7
Malignant neoplasm of pancreas (C25)	320	120	200	110.7	127.5	102.6
Malignant neoplasm of larynx (C32)	24	20	4	8.3	21.2	2.1
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	968	545	423	334.8	578.9	217.0
Malignant melanoma of skin (C43)	41	21	20	14.2	22.3	10.3
Malignant neoplasm of breast (C50)	480	1	479	166.0	1.1	245.7
Malignant neoplasm of cervix uteri (C53)	...	...	22	...	...	11.3
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	65	...	...	33.3
Malignant neoplasm of ovary (C56)	...	...	105	...	...	53.9
Malignant neoplasm of prostate (C61)	...	618	...	...	656.4	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	98	46	52	33.9	48.9	26.7
Malignant neoplasm of bladder (C67)	221	133	88	76.4	141.3	45.1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	42	14	28	14.5	14.9	14.4
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>555</b>	<b>257</b>	<b>298</b>	<b>192.0</b>	<b>273.0</b>	<b>152.9</b>
Hodgkin's disease (C81)	7	2	5	2.4	2.1	2.6
Non-Hodgkin's lymphoma (C82-C85)	199	92	107	68.8	97.7	54.9
Leukaemia (C91-C95)	229	110	119	79.2	116.8	61.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	117	50	67	40.5	53.1	34.4
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	3	3	0	1.0	3.2	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)	982	405	577	339.7	430.2	296.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	229	112	117	79.2	119.0	60.0
Anaemias (D50-D64)	109	47	62	37.7	49.9	31.8
Diabetes mellitus (E10-E14)	1,049	376	673	362.9	399.4	345.2
<b>Nutritional deficiencies (E40-E64)</b>	<b>47</b>	<b>15</b>	<b>32</b>	<b>16.3</b>	<b>15.9</b>	<b>16.4</b>
Malnutrition (E40-E46)	37	14	23	12.8	14.9	11.8
Other nutritional deficiencies (E50-E64)	10	1	9	3.5	1.1	4.6
Meningitis (G00, G03)	2	1	1	0.7	1.1	0.5
Parkinson's disease (G20-G21)	365	170	195	126.3	180.6	100.0
Alzheimer's disease (G30)	1,528	461	1,067	528.5	489.6	547.3
<b>Major cardiovascular diseases (I00-I78)</b>	<b>13,941</b>	<b>5,401</b>	<b>8,540</b>	<b>4,822.3</b>	<b>5,736.5</b>	<b>4,380.8</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>9,691</b>	<b>3,861</b>	<b>5,830</b>	<b>3,352.2</b>	<b>4,100.9</b>	<b>2,990.6</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	55	11	44	19.0	11.7	22.6
Hypertensive heart disease (I11)	109	36	73	37.7	38.2	37.4

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)	26	6	20	9.0	6.4	10.3
<b>Ischaemic heart diseases (I20-I25)</b>	<b>7,229</b>	<b>2,960</b>	<b>4,269</b>	<b>2,500.6</b>	<b>3,143.9</b>	<b>2,189.9</b>
Acute myocardial infarction (I21-I22)	3,149	1,309	1,840	1,089.3	1,390.3	943.9
Other acute ischaemic heart diseases (I24)	92	34	58	31.8	36.1	29.8
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>3,988</b>	<b>1,617</b>	<b>2,371</b>	<b>1,379.5</b>	<b>1,717.5</b>	<b>1,216.3</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	165	65	100	57.1	69.0	51.3
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,823	1,552	2,271	1,322.4	1,648.4	1,165.0
<b>Other heart diseases (I26-I51)</b>	<b>2,272</b>	<b>848</b>	<b>1,424</b>	<b>785.9</b>	<b>900.7</b>	<b>730.5</b>
Acute and subacute endocarditis (I33)	4	3	1	1.4	3.2	0.5
Diseases of pericardium and acute myocarditis (I30-I31, I40)	4	2	2	1.4	2.1	1.0
Heart failure (I50)	1,169	434	735	404.4	461.0	377.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,095	409	686	378.8	434.4	351.9
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	205	66	139	70.9	70.1	71.3
Cerebrovascular diseases (I60-I69)	3,271	1,137	2,134	1,131.5	1,207.6	1,094.7
Atherosclerosis (I70)	264	91	173	91.3	96.7	88.7
<b>Other diseases of circulatory system (I71-I78)</b>	<b>510</b>	<b>246</b>	<b>264</b>	<b>176.4</b>	<b>261.3</b>	<b>135.4</b>
Aortic aneurysm and dissection (I71)	302	145	157	104.5	154.0	80.5
Other diseases of arteries, arterioles and capillaries (I72-I78)	208	101	107	71.9	107.3	54.9
Other disorders of circulatory system (I80-I99)	48	15	33	16.6	15.9	16.9
<b>Influenza and pneumonia (J10-J18)</b>	<b>1,033</b>	<b>429</b>	<b>604</b>	<b>357.3</b>	<b>455.7</b>	<b>309.8</b>
Influenza (J10-J11)	17	6	11	5.9	6.4	5.6
Pneumonia (J12-J18)	1,016	423	593	351.4	449.3	304.2
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>17</b>	<b>5</b>	<b>12</b>	<b>5.9</b>	<b>5.3</b>	<b>6.2</b>
Acute bronchitis and bronchiolitis (J20-J21)	5	2	3	1.7	2.1	1.5
Unspecified acute lower respiratory infection (J22)	12	3	9	4.2	3.2	4.6
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>1,681</b>	<b>889</b>	<b>792</b>	<b>581.5</b>	<b>944.2</b>	<b>406.3</b>
Bronchitis, chronic and unspecified (J40-J42)	43	18	25	14.9	19.1	12.8
Emphysema (J43)	95	63	32	32.9	66.9	16.4
Asthma (J45-J46)	42	8	34	14.5	8.5	17.4
Other chronic lower respiratory diseases (J44, J47)	1,501	800	701	519.2	849.7	359.6
Pneumoconioses and chemical effects (J60-J66, J68)	7	7	0	2.4	7.4	0.0
Pneumonitis due to solids and liquids (J69)	153	75	78	52.9	79.7	40.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	331	149	182	114.5	158.3	93.4
Peptic ulcer (K25-K28)	82	46	36	28.4	48.9	18.5
Diseases of appendix (K35-K38)	1	1	0	0.3	1.1	0.0
Hernia (K40-K46)	42	17	25	14.5	18.1	12.8
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>63</b>	<b>30</b>	<b>33</b>	<b>21.8</b>	<b>31.9</b>	<b>16.9</b>
Alcoholic liver disease (K70)	9	6	3	3.1	6.4	1.5
Other chronic liver disease and cirrhosis (K73-K74)	54	24	30	18.7	25.5	15.4
Cholelithiasis and other disorders of gallbladder (K80-K82)	69	33	36	23.9	35.1	18.5
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>664</b>	<b>316</b>	<b>348</b>	<b>229.7</b>	<b>335.6</b>	<b>178.5</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	3	1	2	1.0	1.1	1.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	3	3	0	1.0	3.2	0.0
Renal failure (N17-N19)	658	312	346	227.6	331.4	177.5
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	16	5	11	5.5	5.3	5.6
Hyperplasia of prostate (N40)	...	7	...	...	7.4	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	4	...	...	2.1
<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)	11	6	5	3.8	6.4	2.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	305	103	202	105.5	109.4	103.6
All other diseases (residual) <sup>11</sup>	3,371	1,102	2,269	1,166.1	1,170.5	1,163.9
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>811</b>	<b>315</b>	<b>496</b>	<b>280.5</b>	<b>334.6</b>	<b>254.4</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>52</b>	<b>30</b>	<b>22</b>	<b>18.0</b>	<b>31.9</b>	<b>11.3</b>
Motor vehicle accidents <sup>12</sup>	46	25	21	15.9	26.6	10.8
Other land transport accidents <sup>13</sup>	5	4	1	1.7	4.2	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)	1	1	0	0.3	1.1	0.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>759</b>	<b>285</b>	<b>474</b>	<b>262.5</b>	<b>302.7</b>	<b>243.1</b>
Falls (W00-W19)	358	143	215	123.8	151.9	110.3
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	5	2	3	1.7	2.1	1.5
Accidental exposure to smoke, fire and flames (X00-X09)	11	7	4	3.8	7.4	2.1
Accidental poisoning and exposure to noxious substances (X40-X49)	8	1	7	2.8	1.1	3.6
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	377	132	245	130.4	140.2	125.7
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>30</b>	<b>26</b>	<b>4</b>	<b>10.4</b>	<b>27.6</b>	<b>2.1</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	9	9	0	3.1	9.6	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	21	17	4	7.3	18.1	2.1
<b>Assault (homicide) (X85-Y09, Y87.1)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0.3</b>	<b>0.0</b>	<b>0.5</b>
Assault (homicide) by discharge of firearms (X93-X95)	1	0	1	0.3	0.0	0.5
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
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>0</b>	<b>2</b>	<b>0.7</b>	<b>0.0</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)	2	0	2	0.7	0.0	1.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	18	7	11	6.2	7.4	5.6

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes 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>29,096</b>	<b>8,481</b>	<b>20,615</b>	<b>20,572.0</b>	<b>22,983.7</b>	<b>19,720.7</b>
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	1	0	1	0.7	0.0	1.0
Certain other intestinal infections (A04, A07-A09)	60	19	41	42.4	51.5	39.2
<b>Tuberculosis (A16-A19)</b>	<b>6</b>	<b>0</b>	<b>6</b>	<b>4.2</b>	<b>0.0</b>	<b>5.7</b>
Respiratory tuberculosis (A16)	4	0	4	2.8	0.0	3.8
Other tuberculosis (A17-A19)	2	0	2	1.4	0.0	1.9
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)	208	60	148	147.1	162.6	141.6
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	4	2	2	2.8	5.4	1.9
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	14	38	36.8	37.9	36.4
<b>Malignant neoplasms (C00-C97)</b>	<b>3,108</b>	<b>1,276</b>	<b>1,832</b>	<b>2,197.5</b>	<b>3,458.0</b>	<b>1,752.5</b>
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	34	15	19	24.0	40.7	18.2
Malignant neoplasm of oesophagus (C15)	55	26	29	38.9	70.5	27.7
Malignant neoplasm of stomach (C16)	93	44	49	65.8	119.2	46.9
Malignant neoplasms of colon, rectum and anus (C18-C21)	467	123	344	330.2	333.3	329.1
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	49	18	31	34.6	48.8	29.7
Malignant neoplasm of pancreas (C25)	146	47	99	103.2	127.4	94.7
Malignant neoplasm of larynx (C32)	8	7	1	5.7	19.0	1.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	347	187	160	245.3	506.8	153.1
Malignant melanoma of skin (C43)	31	13	18	21.9	35.2	17.2
Malignant neoplasm of breast (C50)	287	2	285	202.9	5.4	272.6
Malignant neoplasm of cervix uteri (C53)	...	...	10	...	...	9.6
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	52	...	...	49.7
Malignant neoplasm of ovary (C56)	...	...	52	...	...	49.7
Malignant neoplasm of prostate (C61)	...	363	...	...	983.7	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	70	28	42	49.5	75.9	40.2
Malignant neoplasm of bladder (C67)	134	78	56	94.7	211.4	53.6
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	15	9	6	10.6	24.4	5.7
<b>Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)</b>	<b>308</b>	<b>115</b>	<b>193</b>	<b>217.8</b>	<b>311.7</b>	<b>184.6</b>
Hodgkin's disease (C81)	5	3	2	3.5	8.1	1.9
Non-Hodgkin's lymphoma (C82-C85)	103	35	68	72.8	94.9	65.0
Leukaemia (C91-C95)	148	57	91	104.6	154.5	87.1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	52	20	32	36.8	54.2	30.6
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	587	201	386	415.0	544.7	369.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	147	50	97	103.9	135.5	92.8
Anaemias (D50-D64)	161	47	114	113.8	127.4	109.1
Diabetes mellitus (E10-E14)	699	210	489	494.2	569.1	467.8
<b>Nutritional deficiencies (E40-E64)</b>	<b>57</b>	<b>19</b>	<b>38</b>	<b>40.3</b>	<b>51.5</b>	<b>36.4</b>
Malnutrition (E40-E46)	46	14	32	32.5	37.9	30.6
Other nutritional deficiencies (E50-E64)	11	5	6	7.8	13.6	5.7
Meningitis (G00, G03)	2	0	2	1.4	0.0	1.9
Parkinson's disease (G20-G21)	231	87	144	163.3	235.8	137.8
Alzheimer's disease (G30)	1,535	311	1,224	1,085.3	842.8	1,170.9
<b>Major cardiovascular diseases (I00-I78)</b>	<b>13,340</b>	<b>3,585</b>	<b>9,755</b>	<b>9,431.9</b>	<b>9,715.4</b>	<b>9,331.8</b>
<b>Diseases of heart (I00-I09, I11, I13, I20-I51)</b>	<b>9,199</b>	<b>2,596</b>	<b>6,603</b>	<b>6,504.0</b>	<b>7,035.2</b>	<b>6,316.5</b>
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	29	6	23	20.5	16.3	22.0
Hypertensive heart disease (I11)	127	20	107	89.8	54.2	102.4

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)	18	3	15	12.7	8.1	14.3
<b>Ischaemic heart diseases (I20-I25)</b>	<b>6,442</b>	<b>1,877</b>	<b>4,565</b>	<b>4,554.7</b>	<b>5,086.7</b>	<b>4,367.0</b>
Acute myocardial infarction (I21-I22)	2,285	705	1,580	1,615.6	1,910.6	1,511.5
Other acute ischaemic heart diseases (I24)	79	26	53	55.9	70.5	50.7
<b>Other forms of chronic ischaemic heart disease (I20, I25)</b>	<b>4,078</b>	<b>1,146</b>	<b>2,932</b>	<b>2,883.3</b>	<b>3,105.7</b>	<b>2,804.8</b>
Atherosclerotic cardiovascular disease, so described (I25.0)	116	33	83	82.0	89.4	79.4
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,962	1,113	2,849	2,801.3	3,016.3	2,725.4
<b>Other heart diseases (I26-I51)</b>	<b>2,583</b>	<b>690</b>	<b>1,893</b>	<b>1,826.3</b>	<b>1,869.9</b>	<b>1,810.9</b>
Acute and subacute endocarditis (I33)	4	0	4	2.8	0.0	3.8
Diseases of pericardium and acute myocarditis (I30-I31, I40)	3	1	2	2.1	2.7	1.9
Heart failure (I50)	1,491	422	1,069	1,054.2	1,143.6	1,022.6
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,085	267	818	767.1	723.6	782.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	256	39	217	181.0	105.7	207.6
Cerebrovascular diseases (I60-I69)	3,141	735	2,406	2,220.8	1,991.9	2,301.6
Atherosclerosis (I70)	388	95	293	274.3	257.5	280.3
<b>Other diseases of circulatory system (I71-I78)</b>	<b>356</b>	<b>120</b>	<b>236</b>	<b>251.7</b>	<b>325.2</b>	<b>225.8</b>
Aortic aneurysm and dissection (I71)	158	72	86	111.7	195.1	82.3
Other diseases of arteries, arterioles and capillaries (I72-I78)	198	48	150	140.0	130.1	143.5
Other disorders of circulatory system (I80-I99)	47	6	41	33.2	16.3	39.2
<b>Influenza and pneumonia (J10-J18)</b>	<b>1,538</b>	<b>515</b>	<b>1,023</b>	<b>1,087.4</b>	<b>1,395.7</b>	<b>978.6</b>
Influenza (J10-J11)	30	7	23	21.2	19.0	22.0
Pneumonia (J12-J18)	1,508	508	1,000	1,066.2	1,376.7	956.6
<b>Other acute lower respiratory infections (J20-J22)</b>	<b>28</b>	<b>8</b>	<b>20</b>	<b>19.8</b>	<b>21.7</b>	<b>19.1</b>
Acute bronchitis and bronchiolitis (J20-J21)	12	4	8	8.5	10.8	7.7
Unspecified acute lower respiratory infection (J22)	16	4	12	11.3	10.8	11.5
<b>Chronic lower respiratory diseases (J40-J47)</b>	<b>1,141</b>	<b>551</b>	<b>590</b>	<b>806.7</b>	<b>1,493.2</b>	<b>564.4</b>
Bronchitis, chronic and unspecified (J40-J42)	41	10	31	29.0	27.1	29.7
Emphysema (J43)	41	21	20	29.0	56.9	19.1
Asthma (J45-J46)	33	7	26	23.3	19.0	24.9
Other chronic lower respiratory diseases (J44, J47)	1,026	513	513	725.4	1,390.2	490.7
Pneumoconioses and chemical effects (J60-J66, J68)	5	5	0	3.5	13.6	0.0
Pneumonitis due to solids and liquids (J69)	177	71	106	125.1	192.4	101.4
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	228	91	137	161.2	246.6	131.1
Peptic ulcer (K25-K28)	58	19	39	41.0	51.5	37.3
Diseases of appendix (K35-K38)	3	2	1	2.1	5.4	1.0
Hernia (K40-K46)	38	8	30	26.9	21.7	28.7
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	<b>20</b>	<b>5</b>	<b>15</b>	<b>14.1</b>	<b>13.6</b>	<b>14.3</b>
Alcoholic liver disease (K70)	3	1	2	2.1	2.7	1.9
Other chronic liver disease and cirrhosis (K73-K74)	17	4	13	12.0	10.8	12.4
Cholelithiasis and other disorders of gallbladder (K80-K82)	46	13	33	32.5	35.2	31.6
<b>Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)</b>	<b>540</b>	<b>197</b>	<b>343</b>	<b>381.8</b>	<b>533.9</b>	<b>328.1</b>
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	4	1	3	2.8	2.7	2.9
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	5	1	4	3.5	2.7	3.8
Renal failure (N17-N19)	530	195	335	374.7	528.5	320.5
Other disorders of kidney (N25, N27)	1	0	1	0.7	0.0	1.0
Infections of kidney (N10-N12, N13.6, N15.1)	20	4	16	14.1	10.8	15.3
Hyperplasia of prostate (N40)	...	14	...	...	37.9	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	2	...	...	1.9
<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)	5	2	3	3.5	5.4	2.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	592	116	476	418.6	314.4	455.3
All other diseases (residual) <sup>11</sup>	4,005	864	3,141	2,831.7	2,341.5	3,004.7
<b>Accidents (unintentional injuries) (V01-X59, Y85-Y86)</b>	<b>949</b>	<b>295</b>	<b>654</b>	<b>671.0</b>	<b>799.5</b>	<b>625.6</b>
<b>Transport accidents (V01-V99, Y85)</b>	<b>17</b>	<b>10</b>	<b>7</b>	<b>12.0</b>	<b>27.1</b>	<b>6.7</b>
Motor vehicle accidents <sup>12</sup>	12	7	5	8.5	19.0	4.8
Other land transport accidents <sup>13</sup>	4	3	1	2.8	8.1	1.0

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)	1	0	1	0.7	0.0	1.0
<b>Nontransport accidents (W00-X59, Y86)</b>	<b>932</b>	<b>285</b>	<b>647</b>	<b>659.0</b>	<b>772.4</b>	<b>618.9</b>
Falls (W00-W19)	381	125	256	269.4	338.8	244.9
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	1	0	1	0.7	0.0	1.0
Accidental exposure to smoke, fire and flames (X00-X09)	8	4	4	5.7	10.8	3.8
Accidental poisoning and exposure to noxious substances (X40-X49)	4	2	2	2.8	5.4	1.9
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	538	154	384	380.4	417.3	367.3
<b>Intentional self-harm (suicide) (X60-X84, Y87.0)</b>	<b>11</b>	<b>8</b>	<b>3</b>	<b>7.8</b>	<b>21.7</b>	<b>2.9</b>
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	4	4	0	2.8	10.8	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	7	4	3	4.9	10.8	2.9
<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>
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)	0	0	0	0.0	0.0	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>2</b>	<b>1</b>	<b>1</b>	<b>1.4</b>	<b>2.7</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)	2	1	1	1.4	2.7	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)	16	6	10	11.3	16.3	9.6

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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* — Footnotes section.

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

## Definitions

---

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

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

---

## Survey description

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

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

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

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

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

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

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

## Data sources and methodology

### Survey population

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

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

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

### Sampling

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

### Data sources

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

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

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

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

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

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



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

### **Error detection**

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

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

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

### **Imputation**

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

### **Quality evaluation**

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

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

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

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

### Disclosure control

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

### Data accuracy

#### Coverage

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

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

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

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

## Response rates

### Item response

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

## Other accuracy issues

### Age at death of persons over 100 years old

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

### Cause of death certification

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

# Vital Statistics — Birth Database

---

## Survey description

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

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

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

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

## Data sources and methodology

### Survey population

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

### Sampling

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

### Collection

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

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

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

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

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

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

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

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

### **Error detection**

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

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

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

## Imputation

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

## Quality evaluation

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

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

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

## Disclosure control

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

## Data accuracy

### Coverage

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

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

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

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

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

## **Response rates**

### **Item response**

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

## **Other accuracy issues**

### **Ontario birth weights and gestation data**

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

### **Low birth weight/low gestation data**

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

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

---

## Survey description

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

## Data sources and methodology

### Sampling

This survey is a census.

### Collection

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

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

### Estimation

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



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

### **Disclosure control**

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

### **Revisions and seasonal adjustments**

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

### **Data accuracy**

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

## Footnotes

---

### 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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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 2001 mortality rate calculations are July 1, 2001 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2002" (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).