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Mortality, summary list of causes

2000



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Health Statistics Division

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Note of appreciation

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

User information

Symbols

The following standard symbols are used in Statistics Canada publications:

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

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

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.

New publication, data year 2000 issue

This issue of a new annual HTML/PDF publication contains tables for data year 2000 with the corresponding highlights and analysis. The issues for data years 2001, 2002 and 2003 will be released in order in the coming months.

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

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

Tables section:

- Related CANSIM tables
- Individual tables, in the Source

Related products section:

- Selected CANSIM tables from Statistics Canada

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Highlights

- The gap in life expectancy between men and women has narrowed again, according to new vital statistics data.
- Life expectancy at birth, a key indicator of a population's health status, increased slightly to new record highs for both sexes in 2000. A woman born in 2000 could expect to live 82.0 years, up 0.3 years from 1999. A man's life expectancy at birth reached 76.7 years in 2000, up 0.5 years.
- A total of 218,062 people died in Canada in 2000, down 0.7% from 1999. This was the first year-over-year decrease in the number of deaths since 1981.
- Almost 35% of deaths in 2000 were due to diseases of the circulatory system (over 76,000 deaths); malignant neoplasms (cancers) accounted for 29% (62,600 deaths). Among diseases of the circulatory system, the most common causes of death were ischemic heart disease (19%) and cerebrovascular disease (7%).

Analysis

The gap in life expectancy between men and women has narrowed again, according to new vital statistics data.

Life expectancy at birth, a key indicator of a population's health status, increased slightly to new record highs for both sexes in 2000. A woman born in 2000 could expect to live 82.0 years, up 0.3 years from 1999. A man's life expectancy at birth reached 76.7 years in 2000, up 0.5 years.

The gap in life expectancy between the sexes closed from 5.4 years in 1999 to 5.2 years in 2000, continuing a two-decade-long trend of narrowing. From 1979 to 2000, life expectancy for men improved by 5.4 years, whereas life expectancy for women advanced 3.2 years.

British Columbia had the highest life-expectancy rates for both sexes, as was the case for the last seven years for men and five of the last seven years for women. Men in British Columbia had a life expectancy of 78.2 years in 2000, up from 77.3 in 1999. Women could expect to live 82.9 years, up from 82.6.

A total of 218,062 people died in Canada in 2000, down 0.7% from 1999. This was the first year-over-year decrease in the number of deaths since 1981.

Of these, 111,742 were men, down 1.7% from 1999, and 106,320 were women, a slight 0.4% increase.

The decline in deaths, combined with an increase in Canada's population, resulted in a crude mortality rate of 7.1 deaths per 100,000 population in 2000, down 1.5% from 1999. This was the lowest rate since 1994.

Almost 35% of deaths in 2000 were due to diseases of the circulatory system (over 76,000 deaths); malignant neoplasms (cancers) accounted for 29% (62,600 deaths). Among diseases of the circulatory system, the most common causes of death were ischemic heart disease (19%) and cerebrovascular disease (7%).

One-half (50.1%) of cancer deaths were due to malignant neoplasms in one of four sites: lung, colorectal, breast (female and male), and prostate. Malignant neoplasms of the lung were the cause of over 16,000 deaths in 2000 and alone accounted for one in four deaths from malignant neoplasms.

Related products

Selected publications from Statistics Canada

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

Selected CANSIM tables from Statistics Canada

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

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

Selected surveys from Statistics Canada

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

Selected tables of Canadian statistics from Statistics Canada

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

Statistical tables

Table 1-1

Deaths by selected grouped causes, sex and geography — Canada¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	218,062	111,742	106,320	708.7	733.5	684.4	615.5	778.3	493.2
Salmonella infections (A01-A02)	3	1	2	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	245	92	153	0.8	0.6	1.0	0.7	0.7	0.7
Tuberculosis (A16-A19)	81	52	29	0.3	0.3	0.2	0.2	0.4	0.1
Respiratory tuberculosis (A16)	62	42	20	0.2	0.3	0.1	0.2	0.3	0.1
Other tuberculosis (A17-A19)	19	10	9	0.1	0.1	0.1	0.1	0.1	0.0
Whooping cough (A37)	2	0	2	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	24	9	15	0.1	0.1	0.1	0.1	0.1	0.1
Septicaemia (A40-A41)	1,357	655	702	4.4	4.3	4.5	3.8	4.6	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)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	138	96	42	0.4	0.6	0.3	0.4	0.6	0.2
Human immunodeficiency virus [HIV] disease (B20-B24)	511	429	82	1.7	2.8	0.5	1.6	2.6	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 ⁶	745	392	353	2.4	2.6	2.3	2.1	2.6	1.8
Malignant neoplasms (C00-C97)	62,672	33,360	29,312	203.7	219.0	188.7	180.4	225.3	149.4
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	901	594	307	2.9	3.9	2.0	2.6	3.9	1.6
Malignant neoplasm of oesophagus (C15)	1,392	1,052	340	4.5	6.9	2.2	4.0	6.9	1.7
Malignant neoplasm of stomach (C16)	1,988	1,195	793	6.5	7.8	5.1	5.7	8.1	3.9
Malignant neoplasms of colon, rectum and anus (C18-C21)	6,643	3,549	3,094	21.6	23.3	19.9	19.0	24.0	15.1
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1,291	816	475	4.2	5.4	3.1	3.7	5.4	2.4
Malignant neoplasm of pancreas (C25)	3,092	1,510	1,582	10.0	9.9	10.2	8.9	10.1	7.8
Malignant neoplasm of larynx (C32)	506	416	90	1.6	2.7	0.6	1.5	2.8	0.5
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	16,134	9,650	6,484	52.4	63.3	41.7	47.1	64.3	34.4
Malignant melanoma of skin (C43)	709	432	277	2.3	2.8	1.8	2.1	2.8	1.5
Malignant neoplasm of breast (C50)	4,901	44	4,857	15.9	0.3	31.3	13.9	0.3	25.0
Malignant neoplasm of cervix uteri (C53)	...	...	398	...	...	2.6	...	...	2.2
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	640	...	...	4.1	...	...	3.2
Malignant neoplasm of ovary (C56)	...	...	1,390	...	...	8.9	...	...	7.3
Malignant neoplasm of prostate (C61)	...	3,718	...	...	24.4	...	...	26.7	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	1,259	763	496	4.1	5.0	3.2	3.6	5.0	2.5
Malignant neoplasm of bladder (C67)	1,519	1,082	437	4.9	7.1	2.8	4.3	7.6	2.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	1,533	897	636	5.0	5.9	4.1	4.5	5.7	3.5
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	5,823	3,198	2,625	18.9	21.0	16.9	16.9	21.5	13.3
Hodgkin's disease (C81)	128	78	50	0.4	0.5	0.3	0.4	0.5	0.3
Non-Hodgkin's lymphoma (C82-C85)	2,537	1,348	1,189	8.2	8.8	7.7	7.3	9.0	6.1
Leukaemia (C91-C95)	2,048	1,190	858	6.7	7.8	5.5	5.9	8.1	4.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	1,105	580	525	3.6	3.8	3.4	3.2	4.0	2.6
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	5	2	3	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	8,835	4,444	4,391	28.7	29.2	28.3	25.3	30.2	21.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	1,439	736	703	4.7	4.8	4.5	4.1	5.2	3.4
Anaemias (D50-D64)	446	183	263	1.4	1.2	1.7	1.2	1.4	1.1
Diabetes mellitus (E10-E14)	6,714	3,322	3,392	21.8	21.8	21.8	18.9	22.9	15.7
Nutritional deficiencies (E40-E64)	220	64	156	0.7	0.4	1.0	0.6	0.5	0.7
Malnutrition (E40-E46)	180	51	129	0.6	0.3	0.8	0.5	0.4	0.5
Other nutritional deficiencies (E50-E64)	40	13	27	0.1	0.1	0.2	0.1	0.1	0.1
Meningitis (G00, G03)	56	33	23	0.2	0.2	0.1	0.2	0.2	0.1
Parkinson's disease (G20-G21)	1,480	811	669	4.8	5.3	4.3	4.0	5.9	2.9
Alzheimer's disease (G30)	5,007	1,548	3,459	16.3	10.2	22.3	13.2	11.7	13.8
Major cardiovascular diseases (I00-I78)	76,046	37,914	38,132	247.1	248.9	245.5	209.1	268.3	164.0
Diseases of heart (I00-I09, I11, I13, I20-I51)	55,070	28,855	26,215	179.0	189.4	168.7	152.0	202.9	113.4
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	426	122	304	1.4	0.8	2.0	1.2	0.8	1.5
Hypertensive heart disease (I11)	526	182	344	1.7	1.2	2.2	1.4	1.3	1.4
Hypertensive heart and renal disease (I13)	132	50	82	0.4	0.3	0.5	0.4	0.4	0.3
Ischaemic heart diseases (I20-I25)	42,417	23,354	19,063	137.9	153.3	122.7	117.5	163.1	82.9
Acute myocardial infarction (I21-I22)	19,944	11,306	8,638	64.8	74.2	55.6	55.7	78.1	38.6
Other acute ischaemic heart diseases (I24)	651	351	300	2.1	2.3	1.9	1.8	2.4	1.3

See footnotes at the end of the table.

Table 1-1 – continued

Deaths by selected grouped causes, sex and geography — Canada¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	21,822	11,697	10,125	70.9	76.8	65.2	60.0	82.7	42.9
Atherosclerotic cardiovascular disease, so described (I25.0)	1,201	710	491	3.9	4.7	3.2	3.4	4.9	2.2
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	20,621	10,987	9,634	67.0	72.1	62.0	56.6	77.8	40.7
Other heart diseases (I26-I51)	11,569	5,147	6,422	37.6	33.8	41.3	31.6	37.3	27.3
Acute and subacute endocarditis (I33)	56	37	19	0.2	0.2	0.1	0.2	0.2	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	83	41	42	0.3	0.3	0.3	0.3	0.3	0.2
Heart failure (I50)	4,835	2,005	2,830	15.7	13.2	18.2	12.9	15.2	11.3
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	6,595	3,064	3,531	21.4	20.1	22.7	18.3	21.6	15.7
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1,034	360	674	3.4	2.4	4.3	2.8	2.6	2.8
Cerebrovascular diseases (I60-I69)	15,576	6,421	9,155	50.6	42.1	58.9	42.2	46.4	38.8
Atherosclerosis (I70)	1,313	519	794	4.3	3.4	5.1	3.5	3.9	3.1
Other diseases of circulatory system (I71-I78)	3,053	1,759	1,294	9.9	11.5	8.3	8.5	12.5	5.8
Aortic aneurysm and dissection (I71)	2,028	1,251	777	6.6	8.2	5.0	5.7	8.8	3.6
Other diseases of arteries, arterioles and capillaries (I72-I78)	1,025	508	517	3.3	3.3	3.3	2.8	3.7	2.2
Other disorders of circulatory system (I80-I99)	380	166	214	1.2	1.1	1.4	1.1	1.1	1.0
Influenza and pneumonia (J10-J18)	4,966	2,238	2,728	16.1	14.7	17.6	13.2	17.0	11.0
Influenza (J10-J11)	567	209	358	1.8	1.4	2.3	1.5	1.6	1.4
Pneumonia (J12-J18)	4,399	2,029	2,370	14.3	13.3	15.3	11.7	15.4	9.6
Other acute lower respiratory infections (J20-J22)	122	53	69	0.4	0.3	0.4	0.3	0.4	0.3
Acute bronchitis and bronchiolitis (J20-J21)	73	31	42	0.2	0.2	0.3	0.2	0.2	0.2
Unspecified acute lower respiratory infection (J22)	49	22	27	0.2	0.1	0.2	0.1	0.2	0.1
Chronic lower respiratory diseases (J40-J47)	9,813	5,511	4,302	31.9	36.2	27.7	27.2	39.8	19.8
Bronchitis, chronic and unspecified (J40-J42)	184	83	101	0.6	0.5	0.7	0.5	0.6	0.4
Emphysema (J43)	832	507	325	2.7	3.3	2.1	2.4	3.5	1.6
Asthma (J45-J46)	306	114	192	1.0	0.7	1.2	0.9	0.8	0.9
Other chronic lower respiratory diseases (J44, J47)	8,491	4,807	3,684	27.6	31.6	23.7	23.5	34.9	16.8
Pneumoconioses and chemical effects (J60-J66, J68)	60	54	6	0.2	0.4	0.0	0.2	0.4	0.0
Pneumonitis due to solids and liquids (J69)	711	379	332	2.3	2.5	2.1	1.9	2.9	1.4
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2,073	1,104	969	6.7	7.2	6.2	5.8	7.8	4.5
Peptic ulcer (K25-K28)	439	239	200	1.4	1.6	1.3	1.2	1.7	0.9
Diseases of appendix (K35-K38)	40	19	21	0.1	0.1	0.1	0.1	0.1	0.1
Hernia (K40-K46)	205	94	111	0.7	0.6	0.7	0.6	0.7	0.5
Chronic liver disease and cirrhosis (K70, K73-K74)	2,206	1,481	725	7.2	9.7	4.7	6.5	9.4	3.9
Alcoholic liver disease (K70)	1,104	838	266	3.6	5.5	1.7	3.3	5.2	1.5
Other chronic liver disease and cirrhosis (K73-K74)	1,102	643	459	3.6	4.2	3.0	3.2	4.2	2.4
Cholelithiasis and other disorders of gallbladder (K80-K82)	320	134	186	1.0	0.9	1.2	0.9	1.0	0.8
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	3,136	1,583	1,553	10.2	10.4	10.0	8.6	11.5	6.9
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	18	11	7	0.1	0.1	0.0	0.0	0.1	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	44	16	28	0.1	0.1	0.2	0.1	0.1	0.1
Renal failure (N17-N19)	3,070	1,555	1,515	10.0	10.2	9.8	8.4	11.3	6.7
Other disorders of kidney (N25, N27)	4	1	3	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	117	34	83	0.4	0.2	0.5	0.3	0.2	0.4
Hyperplasia of prostate (N40)	...	51	...	...	0.3	...	...	0.4	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	13	...	...	0.1	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	11	...	...	0.1	...	...	0.1
Pregnancy with abortive outcome (O00-O07)	...	...	1	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	10	...	...	0.1	...	...	0.1
Certain conditions originating in the perinatal period (P00-P96)	898	507	391	2.9	3.3	2.5	3.9	4.3	3.5
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	920	494	426	3.0	3.2	2.7	3.4	3.7	3.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	2,737	1,392	1,345	8.9	9.1	8.7	8.0	9.6	6.3
All other diseases (residual) ⁷	18,404	7,695	10,709	59.8	50.5	68.9	50.9	54.7	47.4
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	8,589	5,286	3,303	27.9	34.7	21.3	25.8	35.8	16.6
Transport accidents (V01-V99, Y85)	3,151	2,218	933	10.2	14.6	6.0	10.2	14.7	5.8
Motor vehicle accidents ⁸	2,672	1,856	816	8.7	12.2	5.3	8.6	12.4	5.0
Other land transport accidents ⁹	318	223	95	1.0	1.5	0.6	1.0	1.5	0.6
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	161	139	22	0.5	0.9	0.1	0.5	0.9	0.1
Nontransport accidents (W00-X59, Y86)	5,438	3,068	2,370	17.7	20.1	15.3	15.7	21.1	10.8
Falls (W00-W19)	1,562	827	735	5.1	5.4	4.7	4.3	5.9	3.1
Accidental discharge of firearms (W32-W34)	20	20	0	0.1	0.1	0.0	0.1	0.1	0.0
Accidental drowning and submersion (W65-W74)	287	229	58	0.9	1.5	0.4	0.9	1.5	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	242	150	92	0.8	1.0	0.6	0.7	1.0	0.5

See footnotes at the end of the table.

Table 1-1 – continued

Deaths by selected grouped causes, sex and geography — Canada¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	960	679	281	3.1	4.5	1.8	3.0	4.3	1.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	2,367	1,163	1,204	7.7	7.6	7.8	6.6	8.2	5.1
Intentional self-harm (suicide) (X60-X84, Y87.0)	3,606	2,798	808	11.7	18.4	5.2	11.4	18.0	5.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	685	648	37	2.2	4.3	0.2	2.1	4.1	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	2,921	2,150	771	9.5	14.1	5.0	9.3	13.9	4.8
Assault (homicide) (X85-Y09, Y87.1)	467	339	128	1.5	2.2	0.8	1.6	2.3	0.8
Assault (homicide) by discharge of firearms (X93-X95)	156	126	30	0.5	0.8	0.2	0.5	0.9	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	311	213	98	1.0	1.4	0.6	1.0	1.4	0.7
Legal intervention (Y35, Y89.0)	11	11	0	0.0	0.1	0.0	0.0	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	407	295	112	1.3	1.9	0.7	1.3	1.9	0.7
Discharge of firearms, undetermined intent (Y22-Y24)	9	9	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)	398	286	112	1.3	1.9	0.7	1.2	1.8	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)	169	85	84	0.5	0.6	0.5	0.5	0.6	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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
 3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
 4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
 5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
 6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
 7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
 8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
 9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.
- Note:** See Data quality, concepts and methodology — 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 Labrador¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	4,339	2,334	2,005	807.7	876.9	739.7	745.6	947.9	586.5
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	3	2	1	0.6	0.8	0.4	0.5	0.8	0.3
Tuberculosis (A16-A19)	1	1	0	0.2	0.4	0.0	0.2	0.4	0.0
Respiratory tuberculosis (A16)	1	1	0	0.2	0.4	0.0	0.2	0.4	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	1	1	0	0.2	0.4	0.0	0.3	0.5	0.0
Septicaemia (A40-A41)	24	11	13	4.5	4.1	4.8	4.1	5.1	4.1
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)	6	4	2	1.1	1.5	0.7	1.2	1.4	1.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	7	4	3	1.3	1.5	1.1	1.2	1.4	1.0
Malignant neoplasms (C00-C97)	1,169	656	513	217.6	246.5	189.3	200.5	253.2	160.7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	15	14	1	2.8	5.3	0.4	2.6	5.4	0.3
Malignant neoplasm of oesophagus (C15)	13	13	0	2.4	4.9	0.0	2.2	4.6	0.0
Malignant neoplasm of stomach (C16)	73	41	32	13.6	15.4	11.8	12.6	15.3	9.8
Malignant neoplasms of colon, rectum and anus (C18-C21)	136	85	51	25.3	31.9	18.8	23.2	32.5	16.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	13	7	6	2.4	2.6	2.2	2.2	2.8	1.8
Malignant neoplasm of pancreas (C25)	40	21	19	7.4	7.9	7.0	7.0	8.3	5.5
Malignant neoplasm of larynx (C32)	8	7	1	1.5	2.6	0.4	1.4	2.7	0.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	273	188	85	50.8	70.6	31.4	47.5	72.3	28.1
Malignant melanoma of skin (C43)	6	3	3	1.1	1.1	1.1	1.0	1.1	1.0
Malignant neoplasm of breast (C50)	92	1	91	17.1	0.4	33.6	15.2	0.4	28.0
Malignant neoplasm of cervix uteri (C53)	...	...	11	...	...	4.1	...	...	3.3
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	7	...	...	2.6	...	...	2.4
Malignant neoplasm of ovary (C56)	...	...	20	...	...	7.4	...	...	6.4
Malignant neoplasm of prostate (C61)	...	68	...	...	25.5	...	...	28.3	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	25	11	14	4.7	4.1	5.2	4.3	4.1	4.7
Malignant neoplasm of bladder (C67)	42	32	10	7.8	12.0	3.7	7.2	13.5	3.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	33	21	12	6.1	7.9	4.4	5.7	7.0	4.6
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	79	41	38	14.7	15.4	14.0	13.6	15.3	11.8
Hodgkin's disease (C81)	2	1	1	0.4	0.4	0.4	0.3	0.3	0.4
Non-Hodgkin's lymphoma (C82-C85)	28	12	16	5.2	4.5	5.9	4.8	4.5	4.9
Leukaemia (C91-C95)	28	16	12	5.2	6.0	4.4	4.7	5.8	3.6
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	21	12	9	3.9	4.5	3.3	3.8	4.7	2.9
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	215	103	112	40.0	38.7	41.3	36.4	39.7	33.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	42	24	18	7.8	9.0	6.6	7.2	9.6	5.9
Anaemias (D50-D64)	5	2	3	0.9	0.8	1.1	0.9	0.9	0.8
Diabetes mellitus (E10-E14)	196	79	117	36.5	29.7	43.2	33.5	32.2	34.1
Nutritional deficiencies (E40-E64)	4	1	3	0.7	0.4	1.1	0.7	0.4	1.1
Malnutrition (E40-E46)	4	1	3	0.7	0.4	1.1	0.7	0.4	1.1
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	0.2	0.4	0.0	0.3	0.6	0.0
Parkinson's disease (G20-G21)	36	15	21	6.7	5.6	7.7	6.0	6.4	5.8
Alzheimer's disease (G30)	136	37	99	25.3	13.9	36.5	22.8	16.6	26.0
Major cardiovascular diseases (I00-I78)	1,679	897	782	312.5	337.0	288.5	286.2	373.3	218.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	1,233	683	550	229.5	256.6	202.9	210.3	280.6	155.3
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	7	3	4	1.3	1.1	1.5	1.3	1.2	1.4
Hypertensive heart disease (I11)	15	6	9	2.8	2.3	3.3	2.5	3.0	2.5
Hypertensive heart and renal disease (I13)	6	3	3	1.1	1.1	1.1	1.0	1.2	0.9
Ischaemic heart diseases (I20-I25)	979	571	408	182.2	214.5	150.5	166.7	232.6	115.5
Acute myocardial infarction (I21-I22)	405	236	169	75.4	88.7	62.3	68.9	93.7	49.2
Other acute ischaemic heart diseases (I24)	6	3	3	1.1	1.1	1.1	1.1	1.2	1.0

See footnotes at the end of the table.

Table 1-2 – continued

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

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	568	332	236	105.7	124.7	87.1	96.7	137.6	65.4
Atherosclerotic cardiovascular disease, so described (I25.0)	107	75	32	19.9	28.2	11.8	18.6	29.6	9.5
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	461	257	204	85.8	96.6	75.3	78.1	108.1	55.8
Other heart diseases (I26-I51)	226	100	126	42.1	37.6	46.5	38.8	42.6	35.1
Acute and subacute endocarditis (I33)	1	1	0	0.2	0.4	0.0	0.2	0.4	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	0	1	0.2	0.0	0.4	0.2	0.0	0.3
Heart failure (I50)	99	43	56	18.4	16.2	20.7	16.8	19.5	14.7
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	125	56	69	23.3	21.0	25.5	21.6	22.6	20.2
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	41	14	27	7.6	5.3	10.0	6.8	6.1	7.2
Cerebrovascular diseases (I60-I69)	312	149	163	58.1	56.0	60.1	52.9	64.5	44.3
Atherosclerosis (I70)	31	15	16	5.8	5.6	5.9	5.4	6.4	4.3
Other diseases of circulatory system (I71-I78)	62	36	26	11.5	13.5	9.6	10.8	15.6	7.5
Aortic aneurysm and dissection (I71)	46	26	20	8.6	9.8	7.4	8.1	11.1	5.8
Other diseases of arteries, arterioles and capillaries (I72-I78)	16	10	6	3.0	3.8	2.2	2.7	4.4	1.7
Other disorders of circulatory system (I80-I99)	13	7	6	2.4	2.6	2.2	2.2	2.7	1.8
Influenza and pneumonia (J10-J18)	79	40	39	14.7	15.0	14.4	13.3	17.2	10.3
Influenza (J10-J11)	10	2	8	1.9	0.8	3.0	1.7	0.9	2.2
Pneumonia (J12-J18)	69	38	31	12.8	14.3	11.4	11.6	16.3	8.0
Other acute lower respiratory infections (J20-J22)	4	3	1	0.7	1.1	0.4	0.7	1.5	0.2
Acute bronchitis and bronchiolitis (J20-J21)	1	1	0	0.2	0.4	0.0	0.2	0.4	0.0
Unspecified acute lower respiratory infection (J22)	3	2	1	0.6	0.8	0.4	0.5	1.1	0.2
Chronic lower respiratory diseases (J40-J47)	199	142	57	37.0	53.4	21.0	33.9	60.9	16.9
Bronchitis, chronic and unspecified (J40-J42)	1	1	0	0.2	0.4	0.0	0.2	0.3	0.0
Emphysema (J43)	13	7	6	2.4	2.6	2.2	2.2	2.8	1.7
Asthma (J45-J46)	3	1	2	0.6	0.4	0.7	0.5	0.2	0.7
Other chronic lower respiratory diseases (J44, J47)	182	133	49	33.9	50.0	18.1	31.1	57.5	14.5
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)	9	6	3	1.7	2.3	1.1	1.6	2.7	1.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	37	20	17	6.9	7.5	6.3	6.5	8.4	4.7
Peptic ulcer (K25-K28)	7	5	2	1.3	1.9	0.7	1.3	2.1	0.5
Diseases of appendix (K35-K38)	1	1	0	0.2	0.4	0.0	0.2	0.5	0.0
Hernia (K40-K46)	2	1	1	0.4	0.4	0.4	0.3	0.5	0.3
Chronic liver disease and cirrhosis (K70, K73-K74)	19	13	6	3.5	4.9	2.2	3.3	4.9	1.9
Alcoholic liver disease (K70)	8	5	3	1.5	1.9	1.1	1.4	1.9	0.9
Other chronic liver disease and cirrhosis (K73-K74)	11	8	3	2.0	3.0	1.1	1.9	3.0	0.9
Cholelithiasis and other disorders of gallbladder (K80-K82)	3	1	2	0.6	0.4	0.7	0.5	0.4	0.6
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	70	33	37	13.0	12.4	13.7	11.9	14.5	10.9
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)	70	33	37	13.0	12.4	13.7	11.9	14.5	10.9
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	11	6	5	2.0	2.3	1.8	3.2	3.4	3.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	23	10	13	4.3	3.8	4.8	5.0	4.4	5.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	44	10	34	8.2	3.8	12.5	7.6	5.2	8.6
All other diseases (residual) ⁷	274	138	136	51.0	51.8	50.2	46.7	55.3	38.3
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	171	112	59	31.8	42.1	21.8	30.4	42.6	18.1
Transport accidents (V01-V99, Y85)	62	43	19	11.5	16.2	7.0	11.2	15.7	6.7
Motor vehicle accidents ⁸	48	31	17	8.9	11.6	6.3	8.8	11.4	6.2
Other land transport accidents ⁹	5	4	1	0.9	1.5	0.4	0.8	1.4	0.3
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	9	8	1	1.7	3.0	0.4	1.6	2.9	0.3
Nontransport accidents (W00-X59, Y86)	109	69	40	20.3	25.9	14.8	19.3	26.8	11.3
Falls (W00-W19)	23	14	9	4.3	5.3	3.3	4.0	5.9	2.7
Accidental discharge of firearms (W32-W34)	2	2	0	0.4	0.8	0.0	0.3	0.6	0.0
Accidental drowning and submersion (W65-W74)	5	5	0	0.9	1.9	0.0	1.0	2.0	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	8	5	3	1.5	1.9	1.1	1.7	2.0	1.5

See footnotes at the end of the table.

Table 1-2 – continued

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

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	7	6	1	1.3	2.3	0.4	1.1	2.0	0.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	64	37	27	11.9	13.9	10.0	11.1	14.4	6.9
Intentional self-harm (suicide) (X60-X84, Y87.0)	47	41	6	8.7	15.4	2.2	8.3	14.6	2.1
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	12	10	2	2.2	3.8	0.7	2.1	3.5	0.7
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	35	31	4	6.5	11.6	1.5	6.2	11.1	1.4
Assault (homicide) (X85-Y09, Y87.1)	6	2	4	1.1	0.8	1.5	1.2	0.7	1.7
Assault (homicide) by discharge of firearms (X93-X95)	4	2	2	0.7	0.8	0.7	0.7	0.7	0.7
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	2	0	2	0.4	0.0	0.7	0.5	0.0	1.0
Legal intervention (Y35, Y89.0)	1	1	0	0.2	0.4	0.0	0.2	0.3	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	4	3	1	0.7	1.1	0.4	0.7	1.0	0.3
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	4	3	1	0.7	1.1	0.4	0.7	1.0	0.3
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	5	4	1	0.9	1.5	0.4	0.9	1.5	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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
 3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
 4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
 5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
 6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
 7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
 8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
 9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.
- Note:** See Data quality, concepts and methodology — 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 Island¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	1,229	627	602	890.2	925.5	856.1	701.3	899.0	547.1
Salmonella infections (A01-A02)	1	0	1	0.7	0.0	1.4	0.5	0.0	0.8
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	0.7	1.5	0.0	0.5	1.4	0.0
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	5	2	3	3.6	3.0	4.3	3.1	2.9	3.1
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms (C00-C97)	319	171	148	231.1	252.4	210.5	193.0	242.1	153.6
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	5	3	2	3.6	4.4	2.8	3.2	3.7	2.7
Malignant neoplasm of oesophagus (C15)	14	12	2	10.1	17.7	2.8	8.9	17.2	1.4
Malignant neoplasm of stomach (C16)	7	3	4	5.1	4.4	5.7	4.4	4.6	3.7
Malignant neoplasms of colon, rectum and anus (C18-C21)	39	18	21	28.2	26.6	29.9	22.8	25.3	20.3
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	3	1	2	2.2	1.5	2.8	1.9	1.5	2.0
Malignant neoplasm of pancreas (C25)	18	10	8	13.0	14.8	11.4	10.5	14.3	7.1
Malignant neoplasm of larynx (C32)	1	1	0	0.7	1.5	0.0	0.7	1.5	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	98	57	41	71.0	84.1	58.3	61.8	81.3	46.9
Malignant melanoma of skin (C43)	4	2	2	2.9	3.0	2.8	2.4	2.9	2.3
Malignant neoplasm of breast (C50)	23	0	23	16.7	0.0	32.7	13.4	0.0	24.0
Malignant neoplasm of cervix uteri (C53)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	7	...	...	10.0	...	...	5.6
Malignant neoplasm of prostate (C61)	...	21	...	...	31.0	...	...	30.4	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	7	5	2	5.1	7.4	2.8	4.2	7.5	1.9
Malignant neoplasm of bladder (C67)	4	4	0	2.9	5.9	0.0	2.1	5.8	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	5	2	3	3.6	3.0	4.3	3.2	2.3	4.0
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	21	13	8	15.2	19.2	11.4	12.4	18.4	6.9
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)	8	7	1	5.8	10.3	1.4	4.9	10.1	0.8
Leukaemia (C91-C95)	11	5	6	8.0	7.4	8.5	6.5	6.9	5.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	2	1	1	1.4	1.5	1.4	1.0	1.4	0.8
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)	42	19	23	30.4	28.0	32.7	25.4	25.7	24.6
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	5	3	2	3.6	4.4	2.8	2.8	4.5	1.4
Anaemias (D50-D64)	4	2	2	2.9	3.0	2.8	2.1	2.9	1.6
Diabetes mellitus (E10-E14)	22	9	13	15.9	13.3	18.5	12.7	12.8	12.0
Nutritional deficiencies (E40-E64)	1	0	1	0.7	0.0	1.4	0.7	0.0	1.2
Malnutrition (E40-E46)	1	0	1	0.7	0.0	1.4	0.7	0.0	1.2
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)	3	1	2	2.2	1.5	2.8	1.4	1.4	1.3
Alzheimer's disease (G30)	39	8	31	28.2	11.8	44.1	19.8	11.5	24.3
Major cardiovascular diseases (I00-I78)	492	244	248	356.4	360.2	352.7	269.5	349.8	210.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	346	175	171	250.6	258.3	243.2	190.9	249.8	146.1
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	3	1	2	2.2	1.5	2.8	1.8	1.5	2.0
Hypertensive heart disease (I11)	2	1	1	1.4	1.5	1.4	1.2	1.5	0.6
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	257	142	115	186.1	209.6	163.5	143.0	201.9	98.9
Acute myocardial infarction (I21-I22)	119	59	60	86.2	87.1	85.3	66.3	83.9	53.2
Other acute ischaemic heart diseases (I24)	1	0	1	0.7	0.0	1.4	0.4	0.0	0.6

See footnotes at the end of the table.

Table 1-3 – continued

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

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	137	83	54	99.2	122.5	76.8	76.2	118.0	45.1
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)	137	83	54	99.2	122.5	76.8	76.2	118.0	45.1
Other heart diseases (I26-I51)	84	31	53	60.8	45.8	75.4	44.9	44.9	44.6
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)	36	13	23	26.1	19.2	32.7	17.9	18.4	16.9
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	48	18	30	34.8	26.6	42.7	27.0	26.5	27.7
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	3	1	2	2.2	1.5	2.8	1.5	1.5	1.7
Cerebrovascular diseases (I60-I69)	119	52	67	86.2	76.8	95.3	63.6	75.2	55.6
Atherosclerosis (I70)	2	1	1	1.4	1.5	1.4	0.9	1.4	0.6
Other diseases of circulatory system (I71-I78)	22	15	7	15.9	22.1	10.0	12.7	21.8	6.6
Aortic aneurysm and dissection (I71)	18	12	6	13.0	17.7	8.5	10.7	17.6	6.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	4	3	1	2.9	4.4	1.4	2.0	4.2	0.6
Other disorders of circulatory system (I80-I99)	2	1	1	1.4	1.5	1.4	1.1	1.5	0.6
Influenza and pneumonia (J10-J18)	41	20	21	29.7	29.5	29.9	20.4	28.9	15.2
Influenza (J10-J11)	5	0	5	3.6	0.0	7.1	2.5	0.0	3.7
Pneumonia (J12-J18)	36	20	16	26.1	29.5	22.8	17.9	28.9	11.4
Other acute lower respiratory infections (J20-J22)	1	0	1	0.7	0.0	1.4	0.4	0.0	0.6
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	1	0	1	0.7	0.0	1.4	0.4	0.0	0.6
Chronic lower respiratory diseases (J40-J47)	56	33	23	40.6	48.7	32.7	32.0	47.6	22.3
Bronchitis, chronic and unspecified (J40-J42)	3	2	1	2.2	3.0	1.4	1.7	2.8	1.0
Emphysema (J43)	9	7	2	6.5	10.3	2.8	5.5	10.1	2.4
Asthma (J45-J46)	4	2	2	2.9	3.0	2.8	2.5	2.8	2.1
Other chronic lower respiratory diseases (J44, J47)	40	22	18	29.0	32.5	25.6	22.2	32.0	16.7
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)	4	2	2	2.9	3.0	2.8	2.2	2.5	1.4
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	13	8	5	9.4	11.8	7.1	7.6	11.1	4.4
Peptic ulcer (K25-K28)	7	6	1	5.1	8.9	1.4	4.1	8.6	1.4
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	2	2	0	1.4	3.0	0.0	1.1	3.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	7	5	2	5.1	7.4	2.8	4.8	7.0	2.9
Alcoholic liver disease (K70)	3	3	0	2.2	4.4	0.0	1.9	4.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	4	2	2	2.9	3.0	2.8	2.9	3.0	2.9
Cholelithiasis and other disorders of gallbladder (K80-K82)	3	2	1	2.2	3.0	1.4	1.8	3.0	0.6
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	19	9	10	13.8	13.3	14.2	9.6	13.0	8.3
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)	19	9	10	13.8	13.3	14.2	9.6	13.0	8.3
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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	1	1	0	0.7	1.5	0.0	1.0	1.9	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	6	3	3	4.3	4.4	4.3	5.4	5.7	4.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	6	3	3	4.3	4.4	4.3	3.3	4.4	1.9
All other diseases (residual) ⁷	96	42	54	69.5	62.0	76.8	53.0	59.8	48.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	51	32	19	36.9	47.2	27.0	31.7	47.3	16.6
Transport accidents (V01-V99, Y85)	20	14	6	14.5	20.7	8.5	13.5	20.4	6.9
Motor vehicle accidents ⁸	19	13	6	13.8	19.2	8.5	13.0	19.4	6.9
Other land transport accidents ⁹	1	1	0	0.7	1.5	0.0	0.5	1.0	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Nontransport accidents (W00-X59, Y86)	31	18	13	22.5	26.6	18.5	18.1	26.9	9.6
Falls (W00-W19)	7	3	4	5.1	4.4	5.7	3.8	4.4	2.7
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	1	1	0	0.7	1.5	0.0	0.7	1.4	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 1-3 – continued

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

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	4	4	0	2.9	5.9	0.0	3.3	6.6	0.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	19	10	9	13.8	14.8	12.8	10.3	14.5	6.9
Intentional self-harm (suicide) (X60-X84, Y87.0)	14	11	3	10.1	16.2	4.3	10.0	15.6	4.6
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	2	1	1	1.4	1.5	1.4	1.7	1.4	2.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	12	10	2	8.7	14.8	2.8	8.3	14.2	2.5
Assault (homicide) (X85-Y09, Y87.1)	3	1	2	2.2	1.5	2.8	2.3	1.5	3.2
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)	3	1	2	2.2	1.5	2.8	2.3	1.5	3.2
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	3	3	0	2.2	4.4	0.0	2.2	4.5	0.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	3	3	0	2.2	4.4	0.0	2.2	4.5	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)	2	2	0	1.4	3.0	0.0	1.0	2.9	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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
 3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
 4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
 5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
 6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
 7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
 8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
 9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.
- Note:** See Data quality, concepts and methodology — 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 Scotia¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	7,879	3,936	3,943	837.1	853.6	821.3	664.9	845.8	534.0
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	0.4	0.2	0.6	0.3	0.2	0.3
Tuberculosis (A16-A19)	3	2	1	0.3	0.4	0.2	0.3	0.4	0.2
Respiratory tuberculosis (A16)	2	2	0	0.2	0.4	0.0	0.2	0.4	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)	51	22	29	5.4	4.8	6.0	4.5	4.7	4.2
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)	5	5	0	0.5	1.1	0.0	0.5	1.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	6	6	0	0.6	1.3	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 ⁶	25	11	14	2.7	2.4	2.9	2.1	2.2	2.1
Malignant neoplasms (C00-C97)	2,327	1,251	1,076	247.2	271.3	224.1	203.9	264.3	163.9
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	41	33	8	4.4	7.2	1.7	3.8	7.0	1.2
Malignant neoplasm of oesophagus (C15)	50	40	10	5.3	8.7	2.1	4.4	8.3	1.4
Malignant neoplasm of stomach (C16)	82	46	36	8.7	10.0	7.5	7.1	9.7	5.1
Malignant neoplasms of colon, rectum and anus (C18-C21)	199	100	99	21.1	21.7	20.6	17.0	21.2	14.3
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	31	20	11	3.3	4.3	2.3	2.8	4.2	1.7
Malignant neoplasm of pancreas (C25)	117	52	65	12.4	11.3	13.5	10.4	10.9	10.1
Malignant neoplasm of larynx (C32)	17	14	3	1.8	3.0	0.6	1.6	2.8	0.6
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	620	391	229	65.9	84.8	47.7	55.9	81.9	36.4
Malignant melanoma of skin (C43)	18	12	6	1.9	2.6	1.2	1.7	2.5	1.0
Malignant neoplasm of breast (C50)	183	0	183	19.4	0.0	38.1	15.6	0.0	27.7
Malignant neoplasm of cervix uteri (C53)	...	...	20	...	...	4.2	...	...	3.4
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	21	...	...	4.4	...	...	3.1
Malignant neoplasm of ovary (C56)	...	...	50	...	...	10.4	...	...	8.3
Malignant neoplasm of prostate (C61)	...	143	...	...	31.0	...	...	32.2	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	46	27	19	4.9	5.9	4.0	3.9	5.5	2.7
Malignant neoplasm of bladder (C67)	46	35	11	4.9	7.6	2.3	3.9	7.7	1.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	53	31	22	5.6	6.7	4.6	4.9	6.1	3.6
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	208	119	89	22.1	25.8	18.5	17.9	24.4	13.0
Hodgkin's disease (C81)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Non-Hodgkin's lymphoma (C82-C85)	94	52	42	10.0	11.3	8.7	8.3	10.5	6.8
Leukaemia (C91-C95)	65	40	25	6.9	8.7	5.2	5.5	8.2	3.2
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	48	26	22	5.1	5.6	4.6	4.0	5.5	3.1
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)	382	188	194	40.6	40.8	40.4	33.0	39.9	28.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	47	24	23	5.0	5.2	4.8	4.2	5.1	3.6
Anaemias (D50-D64)	19	10	9	2.0	2.2	1.9	1.4	2.2	1.0
Diabetes mellitus (E10-E14)	264	136	128	28.0	29.5	26.7	22.4	28.8	17.1
Nutritional deficiencies (E40-E64)	9	1	8	1.0	0.2	1.7	0.7	0.2	1.1
Malnutrition (E40-E46)	6	0	6	0.6	0.0	1.2	0.5	0.0	0.9
Other nutritional deficiencies (E50-E64)	3	1	2	0.3	0.2	0.4	0.2	0.2	0.2
Meningitis (G00, G03)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Parkinson's disease (G20-G21)	47	24	23	5.0	5.2	4.8	3.6	5.3	2.5
Alzheimer's disease (G30)	232	82	150	24.6	17.8	31.2	17.6	18.2	16.8
Major cardiovascular diseases (I00-I78)	2,764	1,304	1,460	293.7	282.8	304.1	224.6	280.4	180.0
Diseases of heart (I00-I09, I11, I13, I20-I51)	1,950	991	959	207.2	214.9	199.7	159.7	212.0	118.8
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	12	4	8	1.3	0.9	1.7	1.0	0.8	1.3
Hypertensive heart disease (I11)	21	4	17	2.2	0.9	3.5	1.7	0.9	2.1
Hypertensive heart and renal disease (I13)	5	0	5	0.5	0.0	1.0	0.4	0.0	0.6
Ischaemic heart diseases (I20-I25)	1,416	777	639	150.4	168.5	133.1	117.2	165.1	80.4
Acute myocardial infarction (I21-I22)	640	360	280	68.0	78.1	58.3	53.2	76.2	35.1
Other acute ischaemic heart diseases (I24)	17	10	7	1.8	2.2	1.5	1.4	2.0	0.9

See footnotes at the end of the table.

Table 1-4 – continued

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

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	759	407	352	80.6	88.3	73.3	62.5	86.9	44.4
Atherosclerotic cardiovascular disease, so described (I25.0)	10	5	5	1.1	1.1	1.0	0.7	1.1	0.5
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	749	402	347	79.6	87.2	72.3	61.8	85.8	43.9
Other heart diseases (I26-I51)	496	206	290	52.7	44.7	60.4	39.4	45.2	34.4
Acute and subacute endocarditis (I33)	2	2	0	0.2	0.4	0.0	0.2	0.4	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	1	1	0.2	0.2	0.2	0.2	0.2	0.2
Heart failure (I50)	227	84	143	24.1	18.2	29.8	17.1	18.8	15.4
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	265	119	146	28.2	25.8	30.4	21.9	25.9	18.8
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	58	17	41	6.2	3.7	8.5	4.4	3.9	4.8
Cerebrovascular diseases (I60-I69)	584	206	378	62.0	44.7	78.7	46.4	45.1	46.4
Atherosclerosis (I70)	42	12	30	4.5	2.6	6.2	3.1	2.7	3.2
Other diseases of circulatory system (I71-I78)	130	78	52	13.8	16.9	10.8	10.9	16.8	6.9
Aortic aneurysm and dissection (I71)	93	57	36	9.9	12.4	7.5	7.9	12.3	4.9
Other diseases of arteries, arterioles and capillaries (I72-I78)	37	21	16	3.9	4.6	3.3	3.0	4.5	1.9
Other disorders of circulatory system (I80-I99)	8	4	4	0.8	0.9	0.8	0.7	0.9	0.5
Influenza and pneumonia (J10-J18)	185	86	99	19.7	18.7	20.6	14.3	19.4	11.6
Influenza (J10-J11)	21	11	10	2.2	2.4	2.1	1.6	2.5	1.2
Pneumonia (J12-J18)	164	75	89	17.4	16.3	18.5	12.7	16.9	10.3
Other acute lower respiratory infections (J20-J22)	3	0	3	0.3	0.0	0.6	0.2	0.0	0.4
Acute bronchitis and bronchiolitis (J20-J21)	3	0	3	0.3	0.0	0.6	0.2	0.0	0.4
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	386	204	182	41.0	44.2	37.9	32.5	44.7	26.0
Bronchitis, chronic and unspecified (J40-J42)	11	3	8	1.2	0.7	1.7	0.8	0.7	0.9
Emphysema (J43)	32	24	8	3.4	5.2	1.7	2.9	5.2	1.3
Asthma (J44-J46)	7	2	5	0.7	0.4	1.0	0.6	0.4	0.9
Other chronic lower respiratory diseases (J44, J47)	336	175	161	35.7	38.0	33.5	28.2	38.5	22.9
Pneumoconiosis and chemical effects (J60-J66, J68)	8	8	0	0.8	1.7	0.0	0.7	1.7	0.0
Pneumonitis due to solids and liquids (J69)	26	13	13	2.8	2.8	2.7	1.9	2.9	1.4
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	88	41	47	9.3	8.9	9.8	7.6	8.7	6.6
Peptic ulcer (K25-K28)	14	6	8	1.5	1.3	1.7	1.1	1.3	1.2
Diseases of appendix (K35-K38)	3	1	2	0.3	0.2	0.4	0.2	0.2	0.2
Hernia (K40-K46)	4	1	3	0.4	0.2	0.6	0.3	0.2	0.4
Chronic liver disease and cirrhosis (K70, K73-K74)	69	47	22	7.3	10.2	4.6	6.4	9.7	3.6
Alcoholic liver disease (K70)	32	27	5	3.4	5.9	1.0	3.0	5.4	0.9
Other chronic liver disease and cirrhosis (K73-K74)	37	20	17	3.9	4.3	3.5	3.4	4.3	2.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	9	2	7	1.0	0.4	1.5	0.7	0.5	0.9
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	129	67	62	13.7	14.5	12.9	10.6	15.3	8.5
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Renal failure (N17-N19)	129	67	62	13.7	14.5	12.9	10.6	15.3	8.5
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)	7	3	4	0.7	0.7	0.8	0.6	0.6	0.7
Hyperplasia of prostate (N40)	...	2	...	...	0.4	...	...	0.5	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	26	12	14	2.8	2.6	2.9	4.1	3.7	4.5
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	36	19	17	3.8	4.1	3.5	4.3	5.0	3.8
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	60	20	40	6.4	4.3	8.3	4.9	4.8	4.9
All other diseases (residual) ⁷	629	278	351	66.8	60.3	73.1	50.9	60.1	44.3
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	261	149	112	27.7	32.3	23.3	24.1	32.7	16.6
Transport accidents (V01-V99, Y85)	92	68	24	9.8	14.7	5.0	9.9	15.1	4.9
Motor vehicle accidents ⁸	71	51	20	7.5	11.1	4.2	7.6	11.3	4.1
Other land transport accidents ⁹	15	11	4	1.6	2.4	0.8	1.6	2.3	0.8
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	6	6	0	0.6	1.3	0.0	0.7	1.4	0.0
Nontransport accidents (W00-X59, Y86)	169	81	88	18.0	17.6	18.3	14.2	17.6	11.7
Falls (W00-W19)	74	32	42	7.9	6.9	8.7	5.6	7.4	4.7
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	15	11	4	1.6	2.4	0.8	1.5	2.2	0.8
Accidental exposure to smoke, fire and flames (X00-X09)	12	7	5	1.3	1.5	1.0	1.2	1.6	0.8

See footnotes at the end of the table.

Table 1-4 – continued

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

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	8	4	4	0.8	0.9	0.8	0.8	0.7	1.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	60	27	33	6.4	5.9	6.9	5.0	5.7	4.4
Intentional self-harm (suicide) (X60-X84, Y87.0)	75	63	12	8.0	13.7	2.5	7.1	12.2	2.4
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	31	30	1	3.3	6.5	0.2	2.9	5.8	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	44	33	11	4.7	7.2	2.3	4.2	6.4	2.2
Assault (homicide) (X85-Y09, Y87.1)	15	13	2	1.6	2.8	0.4	1.6	2.8	0.4
Assault (homicide) by discharge of firearms (X93-X95)	6	5	1	0.6	1.1	0.2	0.6	1.0	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	9	8	1	1.0	1.7	0.2	1.0	1.8	0.3
Legal intervention (Y35, Y89.0)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	18	10	8	1.9	2.2	1.7	1.7	2.1	1.4
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)	18	10	8	1.9	2.2	1.7	1.7	2.1	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)	12	6	6	1.3	1.3	1.2	1.1	1.3	1.0

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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
 3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
 4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
 5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
 6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
 7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
 8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
 9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.
- Note:** See Data quality, concepts and methodology — 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 Brunswick¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	6,088	3,154	2,934	806.1	843.5	769.3	656.6	847.5	514.2
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	11	3	8	1.5	0.8	2.1	1.0	1.0	1.1
Tuberculosis (A16-A19)	3	3	0	0.4	0.8	0.0	0.4	0.8	0.0
Respiratory tuberculosis (A16)	2	2	0	0.3	0.5	0.0	0.2	0.6	0.0
Other tuberculosis (A17-A19)	1	1	0	0.1	0.3	0.0	0.1	0.3	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)	20	11	9	2.6	2.9	2.4	2.1	2.9	1.5
Syphilis (A50-A53)	1	1	0	0.1	0.3	0.0	0.1	0.3	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	2	2	0	0.3	0.5	0.0	0.2	0.4	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	4	4	0	0.5	1.1	0.0	0.4	0.9	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	21	11	10	2.8	2.9	2.6	2.3	3.2	1.8
Malignant neoplasms (C00-C97)	1,664	933	731	220.3	249.5	191.7	187.9	245.8	147.0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	21	16	5	2.8	4.3	1.3	2.5	4.3	1.0
Malignant neoplasm of oesophagus (C15)	32	22	10	4.2	5.9	2.6	3.7	5.4	2.0
Malignant neoplasm of stomach (C16)	38	18	20	5.0	4.8	5.2	4.0	4.8	3.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	132	70	62	17.5	18.7	16.3	14.7	18.1	11.9
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	26	17	9	3.4	4.5	2.4	2.9	4.4	1.7
Malignant neoplasm of pancreas (C25)	83	40	43	11.0	10.7	11.3	9.7	10.6	8.6
Malignant neoplasm of larynx (C32)	17	16	1	2.3	4.3	0.3	2.0	4.2	0.2
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	492	335	157	65.1	89.6	41.2	56.4	88.3	32.9
Malignant melanoma of skin (C43)	15	10	5	2.0	2.7	1.3	1.7	2.5	1.1
Malignant neoplasm of breast (C50)	127	1	126	16.8	0.3	33.0	14.3	0.3	25.8
Malignant neoplasm of cervix uteri (C53)	...	...	10	...	...	2.6	...	...	2.1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	19	...	...	5.0	...	...	3.6
Malignant neoplasm of ovary (C56)	...	...	36	...	...	9.4	...	...	7.7
Malignant neoplasm of prostate (C61)	...	100	...	...	26.7	...	...	27.5	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	31	18	13	4.1	4.8	3.4	3.6	4.7	2.5
Malignant neoplasm of bladder (C67)	41	32	9	5.4	8.6	2.4	4.6	8.5	1.7
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	34	18	16	4.5	4.8	4.2	4.0	4.4	3.6
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	152	89	63	20.1	23.8	16.5	17.4	23.5	12.6
Hodgkin's disease (C81)	4	4	0	0.5	1.1	0.0	0.6	1.2	0.0
Non-Hodgkin's lymphoma (C82-C85)	75	38	37	9.9	10.2	9.7	8.4	9.7	7.2
Leukaemia (C91-C95)	46	28	18	6.1	7.5	4.7	5.4	7.4	3.8
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	27	19	8	3.6	5.1	2.1	3.0	5.3	1.6
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)	258	131	127	34.2	35.0	33.3	28.4	34.3	24.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	35	16	19	4.6	4.3	5.0	4.0	4.4	3.9
Anaemias (D50-D64)	17	6	11	2.3	1.6	2.9	1.7	1.6	1.7
Diabetes mellitus (E10-E14)	207	84	123	27.4	22.5	32.3	22.3	22.5	22.4
Nutritional deficiencies (E40-E64)	6	2	4	0.8	0.5	1.0	0.6	0.6	0.6
Malnutrition (E40-E46)	6	2	4	0.8	0.5	1.0	0.6	0.6	0.6
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	0.3	0.0
Parkinson's disease (G20-G21)	37	24	13	4.9	6.4	3.4	3.8	6.7	2.1
Alzheimer's disease (G30)	155	52	103	20.5	13.9	27.0	14.8	14.4	14.7
Major cardiovascular diseases (I00-I78)	2,137	1,042	1,095	282.9	278.7	287.1	221.5	280.8	175.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	1,562	788	774	206.8	210.8	202.9	162.7	211.4	125.6
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	13	3	10	1.7	0.8	2.6	1.4	0.8	1.9
Hypertensive heart disease (I11)	13	4	9	1.7	1.1	2.4	1.2	1.1	1.3
Hypertensive heart and renal disease (I13)	3	1	2	0.4	0.3	0.5	0.3	0.3	0.3
Ischaemic heart diseases (I20-I25)	1,043	553	490	138.1	147.9	128.5	108.9	148.0	79.0
Acute myocardial infarction (I21-I22)	538	313	225	71.2	83.7	59.0	57.5	82.7	37.7
Other acute ischaemic heart diseases (I24)	8	6	2	1.1	1.6	0.5	0.9	1.7	0.5

See footnotes at the end of the table.

Table 1-5 – continued

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

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	497	234	263	65.8	62.6	69.0	50.5	63.6	40.8
Atherosclerotic cardiovascular disease, so described (I25.0)	1	1	0	0.1	0.3	0.0	0.1	0.3	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	496	233	263	65.7	62.3	69.0	50.4	63.3	40.8
Other heart diseases (I26-I51)	490	227	263	64.9	60.7	69.0	51.0	61.2	43.1
Acute and subacute endocarditis (I33)	1	1	0	0.1	0.3	0.0	0.1	0.3	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	5	2	3	0.7	0.5	0.8	0.6	0.4	0.7
Heart failure (I50)	176	60	116	23.3	16.0	30.4	17.4	17.0	17.4
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	308	164	144	40.8	43.9	37.8	32.9	43.6	25.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	28	10	18	3.7	2.7	4.7	2.8	2.6	2.8
Cerebrovascular diseases (I60-I69)	410	168	242	54.3	44.9	63.5	41.5	46.1	37.6
Atherosclerosis (I70)	17	9	8	2.3	2.4	2.1	1.8	2.3	1.2
Other diseases of circulatory system (I71-I78)	120	67	53	15.9	17.9	13.9	12.7	18.3	8.5
Aortic aneurysm and dissection (I71)	75	41	34	9.9	11.0	8.9	8.1	11.2	5.8
Other diseases of arteries, arterioles and capillaries (I72-I78)	45	26	19	6.0	7.0	5.0	4.6	7.1	2.7
Other disorders of circulatory system (I80-I99)	11	5	6	1.5	1.3	1.6	1.2	1.3	1.1
Influenza and pneumonia (J10-J18)	151	56	95	20.0	15.0	24.9	14.9	16.0	13.9
Influenza (J10-J11)	36	9	27	4.8	2.4	7.1	3.4	2.7	3.7
Pneumonia (J12-J18)	115	47	68	15.2	12.6	17.8	11.5	13.3	10.2
Other acute lower respiratory infections (J20-J22)	2	0	2	0.3	0.0	0.5	0.2	0.0	0.3
Acute bronchitis and bronchiolitis (J20-J21)	1	0	1	0.1	0.0	0.3	0.1	0.0	0.1
Unspecified acute lower respiratory infection (J22)	1	0	1	0.1	0.0	0.3	0.1	0.0	0.2
Chronic lower respiratory diseases (J40-J47)	302	187	115	40.0	50.0	30.2	31.8	51.0	20.3
Bronchitis, chronic and unspecified (J40-J42)	8	5	3	1.1	1.3	0.8	0.8	1.3	0.5
Emphysema (J43)	22	18	4	2.9	4.8	1.0	2.4	4.9	0.7
Asthma (J45-J46)	15	5	10	2.0	1.3	2.6	1.6	1.4	1.8
Other chronic lower respiratory diseases (J44, J47)	257	159	98	34.0	42.5	25.7	26.9	43.4	17.3
Pneumoconioses and chemical effects (J60-J66, J68)	1	1	0	0.1	0.3	0.0	0.1	0.3	0.0
Pneumonitis due to solids and liquids (J69)	13	11	2	1.7	2.9	0.5	1.5	2.9	0.6
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	74	42	32	9.8	11.2	8.4	7.8	11.3	5.5
Peptic ulcer (K25-K28)	14	7	7	1.9	1.9	1.8	1.5	1.9	1.1
Diseases of appendix (K35-K38)	1	1	0	0.1	0.3	0.0	0.1	0.3	0.0
Hernia (K40-K46)	5	4	1	0.7	1.1	0.3	0.5	1.2	0.2
Chronic liver disease and cirrhosis (K70, K73-K74)	45	36	9	6.0	9.6	2.4	5.3	9.3	1.9
Alcoholic liver disease (K70)	20	17	3	2.6	4.5	0.8	2.4	4.4	0.7
Other chronic liver disease and cirrhosis (K73-K74)	25	19	6	3.3	5.1	1.6	2.9	4.9	1.2
Cholelithiasis and other disorders of gallbladder (K80-K82)	5	3	2	0.7	0.8	0.5	0.5	0.9	0.2
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	100	53	47	13.2	14.2	12.3	10.3	14.4	7.9
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	0	1	0.1	0.0	0.3	0.1	0.0	0.1
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	2	0	2	0.3	0.0	0.5	0.3	0.0	0.5
Renal failure (N17-N19)	97	53	44	12.8	14.2	11.5	9.9	14.4	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	0	3	0.4	0.0	0.8	0.3	0.0	0.4
Hyperplasia of prostate (N40)	...	3	...	...	0.8	...	...	0.9	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.3	...	...	0.2
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	15	10	5	2.0	2.7	1.3	2.9	3.9	2.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	21	9	12	2.8	2.4	3.1	2.8	2.7	2.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	99	34	65	13.1	9.1	17.0	10.1	9.4	10.2
All other diseases (residual) ⁷	517	220	297	68.5	58.8	77.9	55.0	59.3	51.9
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	245	161	84	32.4	43.1	22.0	28.7	43.8	16.2
Transport accidents (V01-V99, Y85)	109	82	27	14.4	21.9	7.1	13.9	22.3	6.4
Motor vehicle accidents ⁸	99	76	23	13.1	20.3	6.0	12.6	20.7	5.4
Other land transport accidents ⁹	7	3	4	0.9	0.8	1.0	0.9	0.9	1.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	3	3	0	0.4	0.8	0.0	0.3	0.7	0.0
Nontransport accidents (W00-X59, Y86)	136	79	57	18.0	21.1	14.9	14.8	21.5	9.9
Falls (W00-W19)	36	24	12	4.8	6.4	3.1	3.8	6.8	1.8
Accidental discharge of firearms (W32-W34)	1	1	0	0.1	0.3	0.0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	5	5	0	0.7	1.3	0.0	0.6	1.3	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	8	4	4	1.1	1.1	1.0	0.9	1.0	0.9

See footnotes at the end of the table.

Table 1-5 – continued

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

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	18	11	7	2.4	2.9	1.8	2.3	2.8	1.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	68	34	34	9.0	9.1	8.9	7.1	9.3	5.5
Intentional self-harm (suicide) (X60-X84, Y87.0)	116	100	16	15.4	26.7	4.2	14.6	25.9	3.7
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	36	36	0	4.8	9.6	0.0	4.5	9.2	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	80	64	16	10.6	17.1	4.2	10.2	16.7	3.7
Assault (homicide) (X85-Y09, Y87.1)	9	8	1	1.2	2.1	0.3	1.3	2.3	0.3
Assault (homicide) by discharge of firearms (X93-X95)	4	4	0	0.5	1.1	0.0	0.5	1.1	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	5	4	1	0.7	1.1	0.3	0.8	1.3	0.3
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	4	3	1	0.5	0.8	0.3	0.4	0.6	0.2
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	0	0.1	0.3	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)	3	2	1	0.4	0.5	0.3	0.3	0.4	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)	10	5	5	1.3	1.3	1.3	1.1	1.3	0.8

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
 2. The population estimates used for the 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
 3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
 4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
 5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
 6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
 7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
 8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
 9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.
- Note:** See Data quality, concepts and methodology — 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 — Quebec¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	53,190	27,406	25,784	721.0	752.9	689.8	626.3	823.7	488.1
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)	100	35	65	1.4	1.0	1.7	1.2	1.2	1.1
Tuberculosis (A16-A19)	15	12	3	0.2	0.3	0.1	0.2	0.4	0.1
Respiratory tuberculosis (A16)	11	9	2	0.1	0.2	0.1	0.1	0.3	0.0
Other tuberculosis (A17-A19)	4	3	1	0.1	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)	5	0	5	0.1	0.0	0.1	0.1	0.0	0.2
Septicaemia (A40-A41)	226	124	102	3.1	3.4	2.7	2.6	4.0	1.9
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)	33	15	18	0.4	0.4	0.5	0.4	0.4	0.4
Human immunodeficiency virus [HIV] disease (B20-B24)	119	93	26	1.6	2.6	0.7	1.5	2.2	0.7
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	219	110	109	3.0	3.0	2.9	2.6	3.2	2.2
Malignant neoplasms (C00-C97)	16,676	9,064	7,612	226.0	249.0	203.7	195.8	260.0	154.6
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	233	156	77	3.2	4.3	2.1	2.7	4.2	1.6
Malignant neoplasm of oesophagus (C15)	259	204	55	3.5	5.6	1.5	3.0	5.5	1.1
Malignant neoplasm of stomach (C16)	574	355	219	7.8	9.8	5.9	6.7	10.1	4.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	1,991	1,059	932	27.0	29.1	24.9	23.3	30.8	18.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	355	218	137	4.8	6.0	3.7	4.2	6.1	2.8
Malignant neoplasm of pancreas (C25)	853	423	430	11.6	11.6	11.5	10.0	12.1	8.5
Malignant neoplasm of larynx (C32)	168	135	33	2.3	3.7	0.9	2.0	3.9	0.7
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	4,734	3,012	1,722	64.2	82.7	46.1	55.8	84.1	36.3
Malignant melanoma of skin (C43)	133	86	47	1.8	2.4	1.3	1.6	2.2	1.0
Malignant neoplasm of breast (C50)	1,279	14	1,265	17.3	0.4	33.8	14.8	0.4	25.9
Malignant neoplasm of cervix uteri (C53)	...	...	79	...	...	2.1	...	...	1.7
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	173	...	...	4.6	...	...	3.4
Malignant neoplasm of ovary (C56)	...	...	300	...	...	8.0	...	...	6.2
Malignant neoplasm of prostate (C61)	...	819	...	...	22.5	...	...	26.4	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	304	173	131	4.1	4.8	3.5	3.5	4.7	2.6
Malignant neoplasm of bladder (C67)	350	248	102	4.7	6.8	2.7	4.1	7.7	1.8
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	450	271	179	6.1	7.4	4.8	5.4	7.3	3.9
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	1,415	742	673	19.2	20.4	18.0	16.8	21.1	13.8
Hodgkin's disease (C81)	43	27	16	0.6	0.7	0.4	0.5	0.7	0.3
Non-Hodgkin's lymphoma (C82-C85)	648	324	324	8.8	8.9	8.7	7.7	9.1	6.7
Leukaemia (C91-C95)	463	258	205	6.3	7.1	5.5	5.5	7.4	4.2
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	257	132	125	3.5	3.6	3.3	3.0	3.8	2.5
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	4	1	3	0.1	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)	2,207	1,149	1,058	29.9	31.6	28.3	25.8	33.3	20.6
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	339	154	185	4.6	4.2	4.9	4.0	4.8	3.5
Anaemias (D50-D64)	138	52	86	1.9	1.4	2.3	1.6	1.9	1.5
Diabetes mellitus (E10-E14)	1,631	779	852	22.1	21.4	22.8	19.0	23.1	15.8
Nutritional deficiencies (E40-E64)	86	27	59	1.2	0.7	1.6	1.0	0.9	1.0
Malnutrition (E40-E46)	78	22	56	1.1	0.6	1.5	0.9	0.8	1.0
Other nutritional deficiencies (E50-E64)	8	5	3	0.1	0.1	0.1	0.1	0.1	0.0
Meningitis (G00, G03)	13	8	5	0.2	0.2	0.1	0.2	0.2	0.1
Parkinson's disease (G20-G21)	341	174	167	4.6	4.8	4.5	3.9	5.8	3.0
Alzheimer's disease (G30)	1,442	403	1,039	19.5	11.1	27.8	16.4	14.0	17.2
Major cardiovascular diseases (I00-I78)	16,665	8,327	8,338	225.9	228.8	223.1	193.0	255.0	148.7
Diseases of heart (I00-I09, I11, I13, I20-I51)	12,554	6,546	6,008	170.2	179.8	160.7	145.5	198.7	107.6
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	156	36	120	2.1	1.0	3.2	1.8	1.0	2.3
Hypertensive heart disease (I11)	110	23	87	1.5	0.6	2.3	1.2	0.7	1.4
Hypertensive heart and renal disease (I13)	49	24	25	0.7	0.7	0.7	0.6	0.9	0.4
Ischaemic heart diseases (I20-I25)	9,545	5,289	4,256	129.4	145.3	113.9	110.7	158.9	76.6
Acute myocardial infarction (I21-I22)	5,492	3,164	2,328	74.4	86.9	62.3	63.9	93.1	42.8
Other acute ischaemic heart diseases (I24)	248	138	110	3.4	3.8	2.9	2.9	3.9	2.0

See footnotes at the end of the table.

Table 1-6 – continued

Deaths by selected grouped causes, sex and geography — Quebec¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	3,805	1,987	1,818	51.6	54.6	48.6	44.0	61.9	31.7
Atherosclerotic cardiovascular disease, so described (I25.0)	12	11	1	0.2	0.3	0.0	0.1	0.3	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,793	1,976	1,817	51.4	54.3	48.6	43.8	61.6	31.7
Other heart diseases (I26-I51)	2,694	1,174	1,520	36.5	32.3	40.7	31.2	37.3	26.9
Acute and subacute endocarditis (I33)	17	9	8	0.2	0.2	0.2	0.2	0.2	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	17	11	6	0.2	0.3	0.2	0.2	0.3	0.1
Heart failure (I50)	1,152	489	663	15.6	13.4	17.7	13.2	16.2	11.3
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,508	665	843	20.4	18.3	22.6	17.5	20.5	15.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	242	86	156	3.3	2.4	4.2	2.8	2.8	2.7
Cerebrovascular diseases (I60-I69)	3,015	1,229	1,786	40.9	33.8	47.8	34.8	38.7	31.6
Atherosclerosis (I70)	211	95	116	2.9	2.6	3.1	2.4	3.3	2.0
Other diseases of circulatory system (I71-I78)	643	371	272	8.7	10.2	7.3	7.5	11.5	5.0
Aortic aneurysm and dissection (I71)	443	271	172	6.0	7.4	4.6	5.2	8.2	3.2
Other diseases of arteries, arterioles and capillaries (I72-I78)	200	100	100	2.7	2.7	2.7	2.3	3.2	1.8
Other disorders of circulatory system (I80-I99)	82	35	47	1.1	1.0	1.3	1.0	1.0	0.9
Influenza and pneumonia (J10-J18)	772	361	411	10.5	9.9	11.0	8.9	12.7	7.0
Influenza (J10-J11)	79	28	51	1.1	0.8	1.4	0.9	1.0	0.9
Pneumonia (J12-J18)	693	333	360	9.4	9.1	9.6	8.0	11.7	6.2
Other acute lower respiratory infections (J20-J22)	61	27	34	0.8	0.7	0.9	0.7	1.0	0.6
Acute bronchitis and bronchiolitis (J20-J21)	47	22	25	0.6	0.6	0.7	0.5	0.8	0.4
Unspecified acute lower respiratory infection (J22)	14	5	9	0.2	0.1	0.2	0.2	0.2	0.1
Chronic lower respiratory diseases (J40-J47)	2,675	1,547	1,128	36.3	42.5	30.2	31.2	50.2	21.0
Bronchitis, chronic and unspecified (J40-J42)	71	25	46	1.0	0.7	1.2	0.8	0.9	0.8
Emphysema (J43)	234	149	85	3.2	4.1	2.3	2.8	4.5	1.7
Asthma (J45-J46)	41	17	24	0.6	0.5	0.6	0.5	0.5	0.5
Other chronic lower respiratory diseases (J44, J47)	2,329	1,356	973	31.6	37.3	26.0	27.1	44.3	18.0
Pneumoconioses and chemical effects (J60-J66, J68)	20	19	1	0.3	0.5	0.0	0.2	0.6	0.0
Pneumonitis due to solids and liquids (J69)	112	62	50	1.5	1.7	1.3	1.3	2.2	0.9
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	516	272	244	7.0	7.5	6.5	6.1	8.4	4.6
Peptic ulcer (K25-K28)	66	37	29	0.9	1.0	0.8	0.8	1.1	0.5
Diseases of appendix (K35-K38)	7	3	4	0.1	0.1	0.1	0.1	0.1	0.1
Hernia (K40-K46)	53	22	31	0.7	0.6	0.8	0.6	0.7	0.5
Chronic liver disease and cirrhosis (K70, K73-K74)	536	359	177	7.3	9.9	4.7	6.3	9.5	3.7
Alcoholic liver disease (K70)	223	185	38	3.0	5.1	1.0	2.6	4.7	0.9
Other chronic liver disease and cirrhosis (K73-K74)	313	174	139	4.2	4.8	3.7	3.7	4.8	2.8
Cholelithiasis and other disorders of gallbladder (K80-K82)	91	37	54	1.2	1.0	1.4	1.0	1.2	0.9
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	841	411	430	11.4	11.3	11.5	9.8	13.1	7.8
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	5	4	1	0.1	0.1	0.0	0.1	0.1	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	5	1	4	0.1	0.0	0.1	0.1	0.0	0.1
Renal failure (N17-N19)	830	406	424	11.3	11.2	11.3	9.7	13.0	7.7
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)	40	11	29	0.5	0.3	0.8	0.5	0.3	0.6
Hyperplasia of prostate (N40)	...	11	...	...	0.3	...	...	0.4	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	1	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	1	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	178	105	73	2.4	2.9	2.0	3.5	4.0	3.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	187	111	76	2.5	3.0	2.0	3.0	3.7	2.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	480	254	226	6.5	7.0	6.0	5.9	7.5	4.4
All other diseases (residual) ⁷	5,015	1,994	3,021	68.0	54.8	80.8	58.3	63.5	54.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	1,871	1,160	711	25.4	31.9	19.0	23.7	33.4	14.6
Transport accidents (V01-V99, Y85)	763	542	221	10.3	14.9	5.9	10.4	15.1	5.9
Motor vehicle accidents ⁸	735	519	216	10.0	14.3	5.8	10.0	14.5	5.7
Other land transport accidents ⁹	8	4	4	0.1	0.1	0.1	0.1	0.1	0.1
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	20	19	1	0.3	0.5	0.0	0.3	0.5	0.0
Nontransport accidents (W00-X59, Y86)	1,108	618	490	15.0	17.0	13.1	13.3	18.3	8.8
Falls (W00-W19)	193	123	70	2.6	3.4	1.9	2.3	3.7	1.2
Accidental discharge of firearms (W32-W34)	5	5	0	0.1	0.1	0.0	0.1	0.1	0.0
Accidental drowning and submersion (W65-W74)	65	50	15	0.9	1.4	0.4	0.9	1.3	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	52	32	20	0.7	0.9	0.5	0.6	0.9	0.4

See footnotes at the end of the table.

Table 1-6 – continued

Deaths by selected grouped causes, sex and geography — Quebec¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	125	95	30	1.7	2.6	0.8	1.6	2.5	0.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	668	313	355	9.1	8.6	9.5	7.9	9.8	6.0
Intentional self-harm (suicide) (X60-X84, Y87.0)	1,294	1,031	263	17.5	28.3	7.0	16.8	27.3	6.6
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	218	205	13	3.0	5.6	0.3	2.8	5.4	0.3
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	1,076	826	250	14.6	22.7	6.7	14.0	21.9	6.3
Assault (homicide) (X85-Y09, Y87.1)	123	93	30	1.7	2.6	0.8	1.7	2.6	0.8
Assault (homicide) by discharge of firearms (X93-X95)	60	51	9	0.8	1.4	0.2	0.8	1.4	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	63	42	21	0.9	1.2	0.6	0.9	1.2	0.6
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	57	45	12	0.8	1.2	0.3	0.8	1.2	0.3
Discharge of firearms, undetermined intent (Y22-Y24)	2	2	0	0.0	0.1	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	55	43	12	0.7	1.2	0.3	0.7	1.2	0.3
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	49	21	28	0.7	0.6	0.7	0.6	0.7	0.5

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
 2. The population estimates used for the 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
 3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
 4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
 5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
 6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
 7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
 8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
 9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.
- Note:** See Data quality, concepts and methodology — 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 — Ontario¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	81,290	41,112	40,178	695.7	713.2	678.6	610.6	763.9	496.2
Salmonella infections (A01-A02)	1	1	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)	81	32	49	0.7	0.6	0.8	0.6	0.7	0.6
Tuberculosis (A16-A19)	30	21	9	0.3	0.4	0.2	0.2	0.4	0.1
Respiratory tuberculosis (A16)	24	18	6	0.2	0.3	0.1	0.2	0.3	0.1
Other tuberculosis (A17-A19)	6	3	3	0.1	0.1	0.1	0.0	0.1	0.0
Whooping cough (A37)	2	0	2	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	8	4	4	0.1	0.1	0.1	0.1	0.1	0.1
Septicaemia (A40-A41)	682	327	355	5.8	5.7	6.0	5.1	6.1	4.3
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	45	33	12	0.4	0.6	0.2	0.3	0.5	0.2
Human immunodeficiency virus [HIV] disease (B20-B24)	178	158	20	1.5	2.7	0.3	1.4	2.5	0.3
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	280	152	128	2.4	2.6	2.2	2.1	2.7	1.7
Malignant neoplasms (C00-C97)	23,253	12,165	11,088	199.0	211.0	187.3	177.3	217.7	149.7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	353	236	117	3.0	4.1	2.0	2.7	4.1	1.5
Malignant neoplasm of oesophagus (C15)	593	447	146	5.1	7.8	2.5	4.5	7.8	1.9
Malignant neoplasm of stomach (C16)	692	420	272	5.9	7.3	4.6	5.3	7.6	3.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	2,439	1,310	1,129	20.9	22.7	19.1	18.5	23.4	14.6
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	471	301	170	4.0	5.2	2.9	3.6	5.2	2.3
Malignant neoplasm of pancreas (C25)	1,120	539	581	9.6	9.4	9.8	8.5	9.5	7.6
Malignant neoplasm of larynx (C32)	183	150	33	1.6	2.6	0.6	1.4	2.6	0.5
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	5,641	3,245	2,396	48.3	56.3	40.5	43.5	57.1	33.4
Malignant melanoma of skin (C43)	330	204	126	2.8	3.5	2.1	2.5	3.5	1.8
Malignant neoplasm of breast (C50)	1,949	18	1,931	16.7	0.3	32.6	14.7	0.3	26.2
Malignant neoplasm of cervix uteri (C53)	...	...	157	...	...	2.7	...	...	2.3
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	247	...	...	4.2	...	...	3.3
Malignant neoplasm of ovary (C56)	...	...	542	...	...	9.2	...	...	7.5
Malignant neoplasm of prostate (C61)	...	1,335	...	...	23.2	...	...	25.5	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	444	275	169	3.8	4.8	2.9	3.4	4.8	2.3
Malignant neoplasm of bladder (C67)	615	433	182	5.3	7.5	3.1	4.6	8.1	2.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	554	320	234	4.7	5.6	4.0	4.4	5.4	3.5
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	2,237	1,238	999	19.1	21.5	16.9	17.2	22.2	13.4
Hodgkin's disease (C81)	51	27	24	0.4	0.5	0.4	0.4	0.5	0.4
Non-Hodgkin's lymphoma (C82-C85)	950	512	438	8.1	8.9	7.4	7.3	9.0	5.9
Leukaemia (C91-C95)	816	486	330	7.0	8.4	5.6	6.3	8.8	4.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	420	213	207	3.6	3.7	3.5	3.2	3.9	2.7
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	3,351	1,694	1,657	28.7	29.4	28.0	25.5	30.6	21.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	552	305	247	4.7	5.3	4.2	4.2	5.7	3.2
Anaemias (D50-D64)	168	68	100	1.4	1.2	1.7	1.2	1.3	1.1
Diabetes mellitus (E10-E14)	2,830	1,430	1,400	24.2	24.8	23.6	21.2	26.3	17.3
Nutritional deficiencies (E40-E64)	55	18	37	0.5	0.3	0.6	0.4	0.4	0.4
Malnutrition (E40-E46)	38	13	25	0.3	0.2	0.4	0.3	0.3	0.3
Other nutritional deficiencies (E50-E64)	17	5	12	0.1	0.1	0.2	0.1	0.1	0.1
Meningitis (G00, G03)	21	10	11	0.2	0.2	0.2	0.2	0.2	0.2
Parkinson's disease (G20-G21)	596	332	264	5.1	5.8	4.5	4.3	6.4	3.0
Alzheimer's disease (G30)	1,786	558	1,228	15.3	9.7	20.7	12.7	11.4	13.1
Major cardiovascular diseases (I00-I78)	29,174	14,474	14,700	249.7	251.1	248.3	214.4	274.4	169.3
Diseases of heart (I00-I09, I11, I13, I20-I51)	20,926	10,896	10,030	179.1	189.0	169.4	154.3	204.9	116.2
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	122	35	87	1.0	0.6	1.5	0.9	0.6	1.1
Hypertensive heart disease (I11)	174	59	115	1.5	1.0	1.9	1.3	1.1	1.3
Hypertensive heart and renal disease (I13)	43	11	32	0.4	0.2	0.5	0.3	0.2	0.4
Ischaemic heart diseases (I20-I25)	16,931	9,153	7,778	144.9	158.8	131.4	125.1	171.0	90.3
Acute myocardial infarction (I21-I22)	7,356	4,107	3,249	63.0	71.2	54.9	54.7	75.8	38.8
Other acute ischaemic heart diseases (I24)	298	155	143	2.6	2.7	2.4	2.2	2.8	1.7

See footnotes at the end of the table.

Table 1-7 – continued

Deaths by selected grouped causes, sex and geography — Ontario¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	9,277	4,891	4,386	79.4	84.8	74.1	68.2	92.4	49.8
Atherosclerotic cardiovascular disease, so described (I25.0)	199	112	87	1.7	1.9	1.5	1.5	2.0	1.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	9,078	4,779	4,299	77.7	82.9	72.6	66.7	90.4	48.7
Other heart diseases (I26-I51)	3,656	1,638	2,018	31.3	28.4	34.1	26.8	31.9	23.1
Acute and subacute endocarditis (I33)	11	6	5	0.1	0.1	0.1	0.1	0.1	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	33	15	18	0.3	0.3	0.3	0.3	0.3	0.3
Heart failure (I50)	1,378	592	786	11.8	10.3	13.3	9.8	12.2	8.4
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	2,234	1,025	1,209	19.1	17.8	20.4	16.6	19.3	14.4
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	370	133	237	3.2	2.3	4.0	2.7	2.6	2.6
Cerebrovascular diseases (I60-I69)	6,149	2,559	3,590	52.6	44.4	60.6	44.7	49.8	40.8
Atherosclerosis (I70)	561	211	350	4.8	3.7	5.9	4.0	4.4	3.7
Other diseases of circulatory system (I71-I78)	1,168	675	493	10.0	11.7	8.3	8.7	12.8	6.0
Aortic aneurysm and dissection (I71)	753	468	285	6.4	8.1	4.8	5.7	8.7	3.6
Other diseases of arteries, arterioles and capillaries (I72-I78)	415	207	208	3.6	3.6	3.5	3.0	4.1	2.4
Other disorders of circulatory system (I80-I99)	156	69	87	1.3	1.2	1.5	1.2	1.2	1.1
Influenza and pneumonia (J10-J18)	1,811	777	1,034	15.5	13.5	17.5	13.0	16.0	11.3
Influenza (J10-J11)	233	87	146	2.0	1.5	2.5	1.7	1.8	1.6
Pneumonia (J12-J18)	1,578	690	888	13.5	12.0	15.0	11.4	14.2	9.7
Other acute lower respiratory infections (J20-J22)	26	13	13	0.2	0.2	0.2	0.2	0.3	0.1
Acute bronchitis and bronchiolitis (J20-J21)	13	6	7	0.1	0.1	0.1	0.1	0.1	0.1
Unspecified acute lower respiratory infection (J22)	13	7	6	0.1	0.1	0.1	0.1	0.1	0.1
Chronic lower respiratory diseases (J40-J47)	3,393	1,830	1,563	29.0	31.7	26.4	25.0	35.2	19.1
Bronchitis, chronic and unspecified (J40-J42)	43	18	25	0.4	0.3	0.4	0.3	0.4	0.3
Emphysema (J43)	284	168	116	2.4	2.9	2.0	2.1	3.1	1.5
Asthma (J45-J46)	131	48	83	1.1	0.8	1.4	1.0	0.9	1.1
Other chronic lower respiratory diseases (J44, J47)	2,935	1,596	1,339	25.1	27.7	22.6	21.6	30.9	16.2
Pneumoconioses and chemical effects (J60-J66, J68)	10	9	1	0.1	0.2	0.0	0.1	0.2	0.0
Pneumonitis due to solids and liquids (J69)	271	135	136	2.3	2.3	2.3	2.0	2.8	1.5
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	789	416	373	6.8	7.2	6.3	5.9	7.8	4.6
Peptic ulcer (K25-K28)	163	86	77	1.4	1.5	1.3	1.2	1.6	0.9
Diseases of appendix (K35-K38)	16	4	12	0.1	0.1	0.2	0.1	0.1	0.1
Hernia (K40-K46)	71	27	44	0.6	0.5	0.7	0.5	0.5	0.5
Chronic liver disease and cirrhosis (K70, K73-K74)	891	615	276	7.6	10.7	4.7	6.9	10.3	3.9
Alcoholic liver disease (K70)	438	338	100	3.7	5.9	1.7	3.4	5.5	1.5
Other chronic liver disease and cirrhosis (K73-K74)	453	277	176	3.9	4.8	3.0	3.5	4.7	2.4
Cholelithiasis and other disorders of gallbladder (K80-K82)	119	43	76	1.0	0.7	1.3	0.9	0.8	0.9
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	1,120	565	555	9.6	9.8	9.4	8.2	10.9	6.5
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)	18	8	10	0.2	0.1	0.2	0.1	0.1	0.1
Renal failure (N17-N19)	1,095	555	540	9.4	9.6	9.1	8.1	10.7	6.4
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)	38	13	25	0.3	0.2	0.4	0.3	0.2	0.3
Hyperplasia of prostate (N40)	...	19	...	...	0.3	...	...	0.4	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	6	...	...	0.1	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	6	...	...	0.1	...	...	0.1
Pregnancy with abortive outcome (O00-O07)	...	...	1	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	5	...	...	0.1	...	...	0.1
Certain conditions originating in the perinatal period (P00-P96)	403	217	186	3.4	3.8	3.1	4.5	4.7	4.3
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	331	173	158	2.8	3.0	2.7	3.2	3.4	3.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	1,264	705	559	10.8	12.2	9.4	10.0	12.6	7.1
All other diseases (residual) ⁷	6,486	2,716	3,770	55.5	47.1	63.7	48.0	51.7	44.7
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	2,842	1,615	1,227	24.3	28.0	20.7	22.3	29.6	15.5
Transport accidents (V01-V99, Y85)	958	662	296	8.2	11.5	5.0	8.2	11.7	4.8
Motor vehicle accidents ⁸	801	538	263	6.9	9.3	4.4	6.8	9.5	4.2
Other land transport accidents ⁹	106	79	27	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)	51	45	6	0.4	0.8	0.1	0.4	0.8	0.1
Nontransport accidents (W00-X59, Y86)	1,884	953	931	16.1	16.5	15.7	14.2	17.9	10.8
Falls (W00-W19)	672	339	333	5.8	5.9	5.6	4.9	6.6	3.7
Accidental discharge of firearms (W32-W34)	2	2	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	75	60	15	0.6	1.0	0.3	0.7	1.1	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	79	49	30	0.7	0.9	0.5	0.6	0.9	0.4

See footnotes at the end of the table.

Table 1-7 – continued

Deaths by selected grouped causes, sex and geography — Ontario¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	216	150	66	1.8	2.6	1.1	1.7	2.5	1.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	840	353	487	7.2	6.1	8.2	6.2	6.8	5.4
Intentional self-harm (suicide) (X60-X84, Y87.0)	923	705	218	7.9	12.2	3.7	7.7	12.0	3.6
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	138	134	4	1.2	2.3	0.1	1.1	2.3	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	785	571	214	6.7	9.9	3.6	6.6	9.8	3.5
Assault (homicide) (X85-Y09, Y87.1)	135	96	39	1.2	1.7	0.7	1.2	1.7	0.7
Assault (homicide) by discharge of firearms (X93-X95)	44	34	10	0.4	0.6	0.2	0.4	0.6	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	91	62	29	0.8	1.1	0.5	0.8	1.1	0.5
Legal intervention (Y35, Y89.0)	4	4	0	0.0	0.1	0.0	0.0	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	204	148	56	1.7	2.6	0.9	1.6	2.5	0.9
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)	200	144	56	1.7	2.5	0.9	1.6	2.4	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)	49	23	26	0.4	0.4	0.4	0.4	0.4	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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
 3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
 4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
 5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
 6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
 7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
 8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
 9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.
- Note:** See Data quality, concepts and methodology — 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 — Manitoba¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	9,892	5,048	4,844	863.2	888.5	838.3	670.0	849.8	530.6
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	8	3	5	0.7	0.5	0.9	0.5	0.5	0.5
Tuberculosis (A16-A19)	3	0	3	0.3	0.0	0.5	0.2	0.0	0.4
Respiratory tuberculosis (A16)	2	0	2	0.2	0.0	0.3	0.1	0.0	0.2
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)	63	31	32	5.5	5.5	5.5	4.0	5.1	3.4
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	4	4	0	0.3	0.7	0.0	0.3	0.6	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	25	24	1	2.2	4.2	0.2	2.2	4.2	0.2
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	28	13	15	2.4	2.3	2.6	2.2	2.2	2.2
Malignant neoplasms (C00-C97)	2,586	1,408	1,178	225.7	247.8	203.9	187.5	238.3	150.2
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	35	17	18	3.1	3.0	3.1	2.8	2.9	2.5
Malignant neoplasm of oesophagus (C15)	67	51	16	5.8	9.0	2.8	4.9	8.6	1.9
Malignant neoplasm of stomach (C16)	69	44	25	6.0	7.7	4.3	4.9	7.3	2.9
Malignant neoplasms of colon, rectum and anus (C18-C21)	296	160	136	25.8	28.2	23.5	21.2	27.4	16.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	54	37	17	4.7	6.5	2.9	4.2	6.4	2.4
Malignant neoplasm of pancreas (C25)	110	63	47	9.6	11.1	8.1	8.1	10.8	5.8
Malignant neoplasm of larynx (C32)	18	16	2	1.6	2.8	0.3	1.4	2.7	0.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	631	371	260	55.1	65.3	45.0	46.9	63.0	35.0
Malignant melanoma of skin (C43)	26	13	13	2.3	2.3	2.2	1.9	2.1	1.7
Malignant neoplasm of breast (C50)	194	4	190	16.9	0.7	32.9	13.9	0.7	24.7
Malignant neoplasm of cervix uteri (C53)	...	...	16	...	...	2.8	...	...	2.1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	21	...	...	3.6	...	...	2.4
Malignant neoplasm of ovary (C56)	...	...	51	...	...	8.8	...	...	6.6
Malignant neoplasm of prostate (C61)	...	179	...	...	31.5	...	...	29.4	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	84	57	27	7.3	10.0	4.7	6.4	9.5	4.1
Malignant neoplasm of bladder (C67)	53	40	13	4.6	7.0	2.2	3.7	6.7	1.3
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	57	30	27	5.0	5.3	4.7	4.6	5.2	4.0
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	262	153	109	22.9	26.9	18.9	19.4	25.9	13.9
Hodgkin's disease (C81)	4	2	2	0.3	0.4	0.3	0.3	0.4	0.3
Non-Hodgkin's lymphoma (C82-C85)	106	66	40	9.2	11.6	6.9	7.7	11.1	4.9
Leukaemia (C91-C95)	91	50	41	7.9	8.8	7.1	6.9	8.5	5.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	61	35	26	5.3	6.2	4.5	4.5	5.9	3.3
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)	363	173	190	31.7	30.4	32.9	25.7	29.4	22.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	56	30	26	4.9	5.3	4.5	3.7	4.9	2.9
Anaemias (D50-D64)	20	6	14	1.7	1.1	2.4	1.2	1.0	1.4
Diabetes mellitus (E10-E14)	271	141	130	23.6	24.8	22.5	18.8	23.5	15.1
Nutritional deficiencies (E40-E64)	11	2	9	1.0	0.4	1.6	0.7	0.3	1.0
Malnutrition (E40-E46)	10	2	8	0.9	0.4	1.4	0.6	0.3	0.9
Other nutritional deficiencies (E50-E64)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
Meningitis (G00, G03)	4	3	1	0.3	0.5	0.2	0.4	0.6	0.1
Parkinson's disease (G20-G21)	62	33	29	5.4	5.8	5.0	3.6	5.3	2.6
Alzheimer's disease (G30)	153	47	106	13.4	8.3	18.3	8.7	7.6	9.0
Major cardiovascular diseases (I00-I78)	3,626	1,770	1,856	316.4	311.5	321.2	231.0	295.0	180.8
Diseases of heart (I00-I09, I11, I13, I20-I51)	2,628	1,355	1,273	229.3	238.5	220.3	169.8	226.3	125.4
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	15	7	8	1.3	1.2	1.4	1.0	1.1	1.0
Hypertensive heart disease (I11)	28	13	15	2.4	2.3	2.6	1.9	2.2	1.6
Hypertensive heart and renal disease (I13)	4	1	3	0.3	0.2	0.5	0.2	0.2	0.2
Ischaemic heart diseases (I20-I25)	1,916	1,048	868	167.2	184.5	150.2	125.2	175.3	86.1
Acute myocardial infarction (I21-I22)	823	460	363	71.8	81.0	62.8	55.0	77.2	37.9
Other acute ischaemic heart diseases (I24)	16	7	9	1.4	1.2	1.6	1.0	1.2	1.0

See footnotes at the end of the table.

Table 1-8 – continued

Deaths by selected grouped causes, sex and geography — Manitoba¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	1,077	581	496	94.0	102.3	85.8	69.2	96.9	47.2
Atherosclerotic cardiovascular disease, so described (I25.0)	32	13	19	2.8	2.3	3.3	2.2	2.2	2.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1,045	568	477	91.2	100.0	82.6	67.0	94.7	45.2
Other heart diseases (I26-I51)	665	286	379	58.0	50.3	65.6	41.4	47.5	36.5
Acute and subacute endocarditis (I33)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	0	2	0.2	0.0	0.3	0.2	0.0	0.3
Heart failure (I50)	323	133	190	28.2	23.4	32.9	18.6	21.8	16.5
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	339	153	186	29.6	26.9	32.2	22.6	25.7	19.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	54	19	35	4.7	3.3	6.1	3.3	3.2	3.2
Cerebrovascular diseases (I60-I69)	762	306	456	66.5	53.9	78.9	46.5	50.8	42.7
Atherosclerosis (I70)	30	10	20	2.6	1.8	3.5	1.7	1.6	1.6
Other diseases of circulatory system (I71-I78)	152	80	72	13.3	14.1	12.5	9.8	13.1	7.8
Aortic aneurysm and dissection (I71)	87	56	31	7.6	9.9	5.4	5.6	9.2	3.3
Other diseases of arteries, arterioles and capillaries (I72-I78)	65	24	41	5.7	4.2	7.1	4.2	3.9	4.5
Other disorders of circulatory system (I80-I99)	19	6	13	1.7	1.1	2.2	1.2	1.0	1.4
Influenza and pneumonia (J10-J18)	205	93	112	17.9	16.4	19.4	12.0	15.0	10.6
Influenza (J10-J11)	19	9	10	1.7	1.6	1.7	1.1	1.4	0.8
Pneumonia (J12-J18)	186	84	102	16.2	14.8	17.7	11.0	13.6	9.8
Other acute lower respiratory infections (J20-J22)	4	2	2	0.3	0.4	0.3	0.2	0.3	0.1
Acute bronchitis and bronchiolitis (J20-J21)	1	1	0	0.1	0.2	0.0	0.1	0.1	0.0
Unspecified acute lower respiratory infection (J22)	3	1	2	0.3	0.2	0.3	0.1	0.1	0.1
Chronic lower respiratory diseases (J40-J47)	390	197	193	34.0	34.7	33.4	24.8	32.4	20.7
Bronchitis, chronic and unspecified (J40-J42)	7	5	2	0.6	0.9	0.3	0.4	0.8	0.2
Emphysema (J43)	27	11	16	2.4	1.9	2.8	1.8	1.8	2.0
Asthma (J45-J46)	16	5	11	1.4	0.9	1.9	1.0	0.8	1.1
Other chronic lower respiratory diseases (J44, J47)	340	176	164	29.7	31.0	28.4	21.5	28.9	17.5
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)	48	22	26	4.2	3.9	4.5	3.0	3.6	2.6
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	117	61	56	10.2	10.7	9.7	7.8	10.1	6.1
Peptic ulcer (K25-K28)	29	19	10	2.5	3.3	1.7	2.0	3.2	1.3
Diseases of appendix (K35-K38)	2	2	0	0.2	0.4	0.0	0.1	0.3	0.0
Hernia (K40-K46)	9	5	4	0.8	0.9	0.7	0.6	0.8	0.5
Chronic liver disease and cirrhosis (K70, K73-K74)	86	51	35	7.5	9.0	6.1	6.7	8.6	5.0
Alcoholic liver disease (K70)	39	26	13	3.4	4.6	2.2	3.1	4.4	1.9
Other chronic liver disease and cirrhosis (K73-K74)	47	25	22	4.1	4.4	3.8	3.6	4.3	3.1
Cholelithiasis and other disorders of gallbladder (K80-K82)	13	8	5	1.1	1.4	0.9	0.8	1.3	0.5
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	183	92	91	16.0	16.2	15.7	11.5	15.4	9.5
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	1	0	0.1	0.2	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)	7	2	5	0.6	0.4	0.9	0.5	0.3	0.7
Renal failure (N17-N19)	174	89	85	15.2	15.7	14.7	10.9	14.9	8.7
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)	6	0	6	0.5	0.0	1.0	0.3	0.0	0.6
Hyperplasia of prostate (N40)	...	2	...	...	0.4	...	...	0.3	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	1	...	...	0.2	...	...	0.2
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	1	...	...	0.2	...	...	0.2
Certain conditions originating in the perinatal period (P00-P96)	39	21	18	3.4	3.7	3.1	4.0	4.2	3.8
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	49	26	23	4.3	4.6	4.0	4.6	4.8	4.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	251	124	127	21.9	21.8	22.0	17.2	21.3	13.2
All other diseases (residual) ⁷	888	377	511	77.5	66.4	88.4	57.4	63.5	52.4
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	436	279	157	38.0	49.1	27.2	33.3	48.6	19.5
Transport accidents (V01-V99, Y85)	134	94	40	11.7	16.5	6.9	11.6	16.8	6.4
Motor vehicle accidents ⁸	126	91	35	11.0	16.0	6.1	11.0	16.3	5.4
Other land transport accidents ⁹	6	2	4	0.5	0.4	0.7	0.5	0.4	0.7
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	2	1	1	0.2	0.2	0.2	0.2	0.1	0.2
Nontransport accidents (W00-X59, Y86)	302	185	117	26.4	32.6	20.2	21.6	31.7	13.2
Falls (W00-W19)	92	51	41	8.0	9.0	7.1	5.8	8.6	3.8
Accidental discharge of firearms (W32-W34)	2	2	0	0.2	0.4	0.0	0.2	0.3	0.0
Accidental drowning and submersion (W65-W74)	26	21	5	2.3	3.7	0.9	2.3	3.7	0.7
Accidental exposure to smoke, fire and flames (X00-X09)	18	12	6	1.6	2.1	1.0	1.5	2.1	1.1

See footnotes at the end of the table.

Table 1-8 – continued

Deaths by selected grouped causes, sex and geography — Manitoba¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	37	26	11	3.2	4.6	1.9	3.3	4.6	2.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	127	73	54	11.1	12.8	9.3	8.6	12.4	5.6
Intentional self-harm (suicide) (X60-X84, Y87.0)	132	102	30	11.5	18.0	5.2	11.7	18.1	5.3
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	30	29	1	2.6	5.1	0.2	2.6	5.1	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	102	73	29	8.9	12.8	5.0	9.1	13.1	5.1
Assault (homicide) (X85-Y09, Y87.1)	32	19	13	2.8	3.3	2.2	2.8	3.4	2.3
Assault (homicide) by discharge of firearms (X93-X95)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	31	19	12	2.7	3.3	2.1	2.7	3.4	2.2
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	20	18	2	1.7	3.2	0.3	1.9	3.4	0.3
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	19	17	2	1.7	3.0	0.3	1.8	3.2	0.3
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	10	6	4	0.9	1.1	0.7	0.6	0.9	0.5

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
 2. The population estimates used for the 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
 3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
 4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
 5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
 6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
 7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
 8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
 9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.
- Note:** See Data quality, concepts and methodology — 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 — Saskatchewan¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	8,956	4,582	4,374	876.3	903.1	850.0	633.8	786.7	510.5
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	3	2	0.5	0.6	0.4	0.3	0.5	0.2
Tuberculosis (A16-A19)	8	4	4	0.8	0.8	0.8	0.7	0.8	0.6
Respiratory tuberculosis (A16)	7	3	4	0.7	0.6	0.8	0.6	0.6	0.6
Other tuberculosis (A17-A19)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	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)	42	21	21	4.1	4.1	4.1	2.9	3.4	2.7
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)	2	1	1	0.2	0.2	0.2	0.2	0.2	0.3
Human immunodeficiency virus [HIV] disease (B20-B24)	10	9	1	1.0	1.8	0.2	1.1	1.8	0.3
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	19	11	8	1.9	2.2	1.6	1.3	1.8	0.9
Malignant neoplasms (C00-C97)	2,234	1,164	1,070	218.6	229.4	207.9	172.0	202.4	150.7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	26	15	11	2.5	3.0	2.1	2.1	2.8	1.3
Malignant neoplasm of oesophagus (C15)	35	26	9	3.4	5.1	1.7	3.0	4.8	1.5
Malignant neoplasm of stomach (C16)	63	35	28	6.2	6.9	5.4	4.6	6.0	3.5
Malignant neoplasms of colon, rectum and anus (C18-C21)	236	121	115	23.1	23.8	22.3	17.4	20.8	14.6
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	43	24	19	4.2	4.7	3.7	3.1	4.0	2.4
Malignant neoplasm of pancreas (C25)	101	42	59	9.9	8.3	11.5	7.6	7.4	7.9
Malignant neoplasm of larynx (C32)	18	15	3	1.8	3.0	0.6	1.5	2.8	0.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	508	284	224	49.7	56.0	43.5	40.7	50.2	33.5
Malignant melanoma of skin (C43)	19	10	9	1.9	2.0	1.7	1.6	2.0	1.2
Malignant neoplasm of breast (C50)	161	1	160	15.8	0.2	31.1	12.9	0.2	23.9
Malignant neoplasm of cervix uteri (C53)	...	...	19	...	...	3.7	...	...	3.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	22	...	...	4.3	...	...	3.0
Malignant neoplasm of ovary (C56)	...	...	58	...	...	11.3	...	...	8.3
Malignant neoplasm of prostate (C61)	...	230	...	...	45.3	...	...	38.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	57	29	28	5.6	5.7	5.4	4.4	5.2	3.6
Malignant neoplasm of bladder (C67)	49	40	9	4.8	7.9	1.7	3.4	6.6	1.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	56	30	26	5.5	5.9	5.1	5.1	5.5	4.7
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	234	118	116	22.9	23.3	22.5	18.1	21.0	15.3
Hodgkin's disease (C81)	5	3	2	0.5	0.6	0.4	0.4	0.5	0.3
Non-Hodgkin's lymphoma (C82-C85)	93	44	49	9.1	8.7	9.5	7.3	7.8	6.9
Leukaemia (C91-C95)	93	48	45	9.1	9.5	8.7	6.9	8.5	5.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	43	23	20	4.2	4.5	3.9	3.5	4.2	2.7
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	299	144	155	29.3	28.4	30.1	23.0	25.2	21.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	62	29	33	6.1	5.7	6.4	4.4	4.9	4.0
Anaemias (D50-D64)	14	5	9	1.4	1.0	1.7	0.8	0.8	0.7
Diabetes mellitus (E10-E14)	245	125	120	24.0	24.6	23.3	17.2	21.2	13.9
Nutritional deficiencies (E40-E64)	5	0	5	0.5	0.0	1.0	0.3	0.0	0.5
Malnutrition (E40-E46)	3	0	3	0.3	0.0	0.6	0.2	0.0	0.3
Other nutritional deficiencies (E50-E64)	2	0	2	0.2	0.0	0.4	0.1	0.0	0.2
Meningitis (G00, G03)	4	4	0	0.4	0.8	0.0	0.3	0.7	0.0
Parkinson's disease (G20-G21)	90	51	39	8.8	10.1	7.6	5.2	7.7	3.7
Alzheimer's disease (G30)	237	91	146	23.2	17.9	28.4	13.0	14.0	12.0
Major cardiovascular diseases (I00-I78)	3,329	1,706	1,623	325.7	336.2	315.4	219.8	285.8	165.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	2,389	1,286	1,103	233.8	253.5	214.3	160.5	217.5	113.8
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	10	1	9	1.0	0.2	1.7	0.7	0.2	1.1
Hypertensive heart disease (I11)	30	16	14	2.9	3.2	2.7	2.0	2.8	1.1
Hypertensive heart and renal disease (I13)	2	1	1	0.2	0.2	0.2	0.1	0.2	0.1
Ischaemic heart diseases (I20-I25)	1,688	970	718	165.2	191.2	139.5	116.1	165.2	75.6
Acute myocardial infarction (I21-I22)	791	449	342	77.4	88.5	66.5	55.3	76.4	38.0
Other acute ischaemic heart diseases (I24)	12	6	6	1.2	1.2	1.2	0.9	1.1	0.8

See footnotes at the end of the table.

Table 1-9 – continued

Deaths by selected grouped causes, sex and geography — Saskatchewan¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	885	515	370	86.6	101.5	71.9	59.8	87.8	36.8
Atherosclerotic cardiovascular disease, so described (I25.0)	134	89	45	13.1	17.5	8.7	9.5	15.3	4.7
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	751	426	325	73.5	84.0	63.2	50.3	72.5	32.2
Other heart diseases (I26-I51)	659	298	361	64.5	58.7	70.2	41.7	49.1	35.9
Acute and subacute endocarditis (I33)	2	2	0	0.2	0.4	0.0	0.1	0.3	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	4	1	3	0.4	0.2	0.6	0.4	0.2	0.5
Heart failure (I50)	340	137	203	33.3	27.0	39.4	19.8	21.7	18.4
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	313	158	155	30.6	31.1	30.1	21.3	26.9	17.0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	39	16	23	3.8	3.2	4.5	2.3	2.5	2.2
Cerebrovascular diseases (I60-I69)	706	292	414	69.1	57.5	80.5	44.0	47.2	40.9
Atherosclerosis (I70)	58	29	29	5.7	5.7	5.6	3.4	4.6	2.7
Other diseases of circulatory system (I71-I78)	137	83	54	13.4	16.4	10.5	9.5	14.0	5.8
Aortic aneurysm and dissection (I71)	97	63	34	9.5	12.4	6.6	6.8	10.7	3.6
Other diseases of arteries, arterioles and capillaries (I72-I78)	40	20	20	3.9	3.9	3.9	2.7	3.3	2.2
Other disorders of circulatory system (I80-I99)	13	5	8	1.3	1.0	1.6	1.0	0.9	1.2
Influenza and pneumonia (J10-J18)	253	115	138	24.8	22.7	26.8	15.5	19.0	12.5
Influenza (J10-J11)	50	22	28	4.9	4.3	5.4	2.9	3.4	2.5
Pneumonia (J12-J18)	203	93	110	19.9	18.3	21.4	12.6	15.6	10.0
Other acute lower respiratory infections (J20-J22)	4	1	3	0.4	0.2	0.6	0.2	0.2	0.2
Acute bronchitis and bronchiolitis (J20-J21)	3	0	3	0.3	0.0	0.6	0.2	0.0	0.2
Unspecified acute lower respiratory infection (J22)	1	1	0	0.1	0.2	0.0	0.0	0.2	0.0
Chronic lower respiratory diseases (J40-J47)	381	234	147	37.3	46.1	28.6	25.3	37.9	17.5
Bronchitis, chronic and unspecified (J40-J42)	8	7	1	0.8	1.4	0.2	0.5	1.1	0.1
Emphysema (J43)	42	23	19	4.1	4.5	3.7	2.8	3.8	2.3
Asthma (J45-J46)	20	11	9	2.0	2.2	1.7	1.4	1.9	1.1
Other chronic lower respiratory diseases (J44, J47)	311	193	118	30.4	38.0	22.9	20.5	31.1	14.0
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)	43	26	17	4.2	5.1	3.3	2.8	4.3	1.9
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	80	41	39	7.8	8.1	7.6	5.5	6.9	4.2
Peptic ulcer (K25-K28)	22	10	12	2.2	2.0	2.3	1.4	1.7	1.2
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	9	6	3	0.9	1.2	0.6	0.6	1.1	0.2
Chronic liver disease and cirrhosis (K70, K73-K74)	74	54	20	7.2	10.6	3.9	6.5	10.0	3.5
Alcoholic liver disease (K70)	40	26	14	3.9	5.1	2.7	3.7	5.0	2.5
Other chronic liver disease and cirrhosis (K73-K74)	34	28	6	3.3	5.5	1.2	2.8	5.1	1.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	14	7	7	1.4	1.4	1.4	0.9	1.1	0.9
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	169	90	79	16.5	17.7	15.4	11.1	15.0	8.1
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	2	1	1	0.2	0.2	0.2	0.2	0.2	0.1
Renal failure (N17-N19)	166	88	78	16.2	17.3	15.2	10.8	14.5	7.9
Other disorders of kidney (N25, N27)	1	1	0	0.1	0.2	0.0	0.1	0.3	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	4	2	2	0.4	0.4	0.4	0.2	0.3	0.2
Hyperplasia of prostate (N40)	...	2	...	...	0.4	...	...	0.4	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.2	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	31	20	11	3.0	3.9	2.1	3.7	4.7	2.6
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	31	16	15	3.0	3.2	2.9	3.4	3.7	3.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	132	52	80	12.9	10.2	15.5	8.5	9.1	7.9
All other diseases (residual) ⁷	785	295	490	76.8	58.1	95.2	54.5	51.1	56.3
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	440	260	180	43.1	51.2	35.0	36.5	48.6	24.5
Transport accidents (V01-V99, Y85)	150	105	45	14.7	20.7	8.7	13.7	20.2	7.4
Motor vehicle accidents ⁸	131	90	41	12.8	17.7	8.0	12.0	17.4	6.8
Other land transport accidents ⁹	13	9	4	1.3	1.8	0.8	1.2	1.8	0.6
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	0.5	1.1	0.0
Nontransport accidents (W00-X59, Y86)	290	155	135	28.4	30.5	26.2	22.8	28.4	17.2
Falls (W00-W19)	66	36	30	6.5	7.1	5.8	4.4	6.0	3.0
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)	17	14	3	1.7	2.8	0.6	1.7	2.7	0.7
Accidental exposure to smoke, fire and flames (X00-X09)	17	10	7	1.7	2.0	1.4	1.6	1.9	1.3

See footnotes at the end of the table.

Table 1-9 – continued

Deaths by selected grouped causes, sex and geography — Saskatchewan¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	46	24	22	4.5	4.7	4.3	4.8	5.0	4.6
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	143	70	73	14.0	13.8	14.2	10.3	12.7	7.6
Intentional self-harm (suicide) (X60-X84, Y87.0)	122	92	30	11.9	18.1	5.8	12.5	18.6	6.5
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	40	37	3	3.9	7.3	0.6	3.9	7.0	0.7
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	82	55	27	8.0	10.8	5.2	8.6	11.5	5.7
Assault (homicide) (X85-Y09, Y87.1)	22	14	8	2.2	2.8	1.6	2.3	3.1	1.6
Assault (homicide) by discharge of firearms (X93-X95)	3	3	0	0.3	0.6	0.0	0.3	0.7	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	19	11	8	1.9	2.2	1.6	2.0	2.4	1.6
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	13	12	1	1.3	2.4	0.2	1.3	2.5	0.2
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	13	12	1	1.3	2.4	0.2	1.3	2.5	0.2
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	3	2	1	0.3	0.4	0.2	0.3	0.4	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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
 3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
 4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
 5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
 6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
 7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
 8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
 9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.
- Note:** See Data quality, concepts and methodology — 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 — Alberta¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	17,273	9,066	8,207	574.0	597.0	550.6	602.9	750.0	488.5
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	10	4	6	0.3	0.3	0.4	0.3	0.4	0.4
Tuberculosis (A16-A19)	9	6	3	0.3	0.4	0.2	0.3	0.5	0.2
Respiratory tuberculosis (A16)	6	4	2	0.2	0.3	0.1	0.2	0.4	0.1
Other tuberculosis (A17-A19)	3	2	1	0.1	0.1	0.1	0.1	0.2	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	3	2	1	0.1	0.1	0.1	0.1	0.1	0.1
Septicaemia (A40-A41)	109	47	62	3.6	3.1	4.2	3.8	3.8	3.8
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	12	9	3	0.4	0.6	0.2	0.4	0.6	0.2
Human immunodeficiency virus [HIV] disease (B20-B24)	37	29	8	1.2	1.9	0.5	1.2	1.8	0.5
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	49	26	23	1.6	1.7	1.5	1.7	2.0	1.4
Malignant neoplasms (C00-C97)	4,775	2,508	2,267	158.7	165.1	152.1	170.0	203.8	145.7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	54	34	20	1.8	2.2	1.3	1.9	2.5	1.2
Malignant neoplasm of oesophagus (C15)	128	87	41	4.3	5.7	2.8	4.6	6.8	2.6
Malignant neoplasm of stomach (C16)	160	91	69	5.3	6.0	4.6	5.7	7.6	4.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	419	228	191	13.9	15.0	12.8	15.0	18.4	11.8
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	117	75	42	3.9	4.9	2.8	4.2	6.0	2.7
Malignant neoplasm of pancreas (C25)	229	117	112	7.6	7.7	7.5	8.2	9.3	7.1
Malignant neoplasm of larynx (C32)	25	17	8	0.8	1.1	0.5	0.9	1.4	0.5
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,141	629	512	37.9	41.4	34.3	41.4	50.7	34.2
Malignant melanoma of skin (C43)	57	32	25	1.9	2.1	1.7	2.0	2.3	1.6
Malignant neoplasm of breast (C50)	335	3	332	11.1	0.2	22.3	11.6	0.2	21.7
Malignant neoplasm of cervix uteri (C53)	...	...	35	...	...	2.3	...	...	2.2
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	61	...	...	4.1	...	...	3.8
Malignant neoplasm of ovary (C56)	...	...	106	...	...	7.1	...	...	6.8
Malignant neoplasm of prostate (C61)	...	346	...	...	22.8	...	...	30.4	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	111	76	35	3.7	5.0	2.3	3.9	6.0	2.2
Malignant neoplasm of bladder (C67)	138	93	45	4.6	6.1	3.0	4.9	7.8	2.8
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	124	70	54	4.1	4.6	3.6	4.3	5.2	3.5
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	474	256	218	15.8	16.9	14.6	16.9	20.5	13.9
Hodgkin's disease (C81)	4	4	0	0.1	0.3	0.0	0.1	0.3	0.0
Non-Hodgkin's lymphoma (C82-C85)	201	107	94	6.7	7.0	6.3	7.2	8.5	6.0
Leukaemia (C91-C95)	185	100	85	6.1	6.6	5.7	6.6	8.0	5.5
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	83	44	39	2.8	2.9	2.6	3.0	3.7	2.5
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	1	0	0.0	0.1	0.0	0.0	0.1	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	715	354	361	23.8	23.3	24.2	25.3	28.9	22.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	101	47	54	3.4	3.1	3.6	3.6	4.0	3.2
Anaemias (D50-D64)	27	15	12	0.9	1.0	0.8	0.9	1.4	0.7
Diabetes mellitus (E10-E14)	348	170	178	11.6	11.2	11.9	12.2	14.2	10.9
Nutritional deficiencies (E40-E64)	10	2	8	0.3	0.1	0.5	0.3	0.2	0.4
Malnutrition (E40-E46)	7	2	5	0.2	0.1	0.3	0.2	0.2	0.2
Other nutritional deficiencies (E50-E64)	3	0	3	0.1	0.0	0.2	0.1	0.0	0.1
Meningitis (G00, G03)	2	1	1	0.1	0.1	0.1	0.1	0.1	0.0
Parkinson's disease (G20-G21)	94	48	46	3.1	3.2	3.1	3.3	4.4	2.6
Alzheimer's disease (G30)	365	130	235	12.1	8.6	15.8	12.4	12.6	12.4
Major cardiovascular diseases (I00-I78)	6,362	3,199	3,163	211.4	210.6	212.2	221.2	277.0	176.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	4,548	2,451	2,097	151.1	161.4	140.7	158.7	210.7	118.1
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	33	9	24	1.1	0.6	1.6	1.2	0.7	1.5
Hypertensive heart disease (I11)	56	26	30	1.9	1.7	2.0	1.9	2.0	1.6
Hypertensive heart and renal disease (I13)	6	5	1	0.2	0.3	0.1	0.2	0.5	0.0
Ischaemic heart diseases (I20-I25)	3,662	2,048	1,614	121.7	134.9	108.3	128.4	175.5	91.5
Acute myocardial infarction (I21-I22)	1,261	706	555	41.9	46.5	37.2	44.3	60.5	31.8
Other acute ischaemic heart diseases (I24)	9	6	3	0.3	0.4	0.2	0.3	0.6	0.1

See footnotes at the end of the table.

Table 1-10 – continued

Deaths by selected grouped causes, sex and geography — Alberta¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	2,392	1,336	1,056	79.5	88.0	70.8	83.8	114.4	59.6
Atherosclerotic cardiovascular disease, so described (I25.0)	541	309	232	18.0	20.3	15.6	19.5	26.0	14.1
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1,851	1,027	824	61.5	67.6	55.3	64.3	88.4	45.5
Other heart diseases (I26-I51)	791	363	428	26.3	23.9	28.7	27.1	32.1	23.4
Acute and subacute endocarditis (I33)	7	5	2	0.2	0.3	0.1	0.2	0.4	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	6	4	2	0.2	0.3	0.1	0.2	0.3	0.1
Heart failure (I50)	358	150	208	11.9	9.9	14.0	12.1	14.2	10.7
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	420	204	216	14.0	13.4	14.5	14.5	17.2	12.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	83	26	57	2.8	1.7	3.8	2.9	2.3	3.1
Cerebrovascular diseases (I60-I69)	1,271	518	753	42.2	34.1	50.5	43.6	46.0	41.4
Atherosclerosis (I70)	230	75	155	7.6	4.9	10.4	7.8	6.8	8.1
Other diseases of circulatory system (I71-I78)	230	129	101	7.6	8.5	6.8	8.2	11.1	5.9
Aortic aneurysm and dissection (I71)	156	99	57	5.2	6.5	3.8	5.6	8.5	3.5
Other diseases of arteries, arterioles and capillaries (I72-I78)	74	30	44	2.5	2.0	3.0	2.6	2.7	2.5
Other disorders of circulatory system (I80-I99)	40	20	20	1.3	1.3	1.3	1.4	1.6	1.3
Influenza and pneumonia (J10-J18)	306	158	148	10.2	10.4	9.9	10.4	14.5	7.9
Influenza (J10-J11)	34	15	19	1.1	1.0	1.3	1.2	1.5	1.0
Pneumonia (J12-J18)	272	143	129	9.0	9.4	8.7	9.2	13.0	6.9
Other acute lower respiratory infections (J20-J22)	5	3	2	0.2	0.2	0.1	0.2	0.3	0.1
Acute bronchitis and bronchiolitis (J20-J21)	2	1	1	0.1	0.1	0.1	0.1	0.1	0.1
Unspecified acute lower respiratory infection (J22)	3	2	1	0.1	0.1	0.1	0.1	0.2	0.0
Chronic lower respiratory diseases (J40-J47)	747	432	315	24.8	28.4	21.1	26.6	38.5	19.2
Bronchitis, chronic and unspecified (J40-J42)	7	5	2	0.2	0.3	0.1	0.3	0.4	0.2
Emphysema (J43)	59	35	24	2.0	2.3	1.6	2.1	3.1	1.5
Asthma (J45-J46)	21	4	17	0.7	0.3	1.1	0.7	0.3	1.1
Other chronic lower respiratory diseases (J44, J47)	660	388	272	21.9	25.5	18.2	23.5	34.7	16.4
Pneumoconioses and chemical effects (J60-J66, J68)	11	7	4	0.4	0.5	0.3	0.4	0.5	0.2
Pneumonitis due to solids and liquids (J69)	107	58	49	3.6	3.8	3.3	3.7	5.2	2.8
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	109	60	49	3.6	4.0	3.3	3.9	5.2	3.1
Peptic ulcer (K25-K28)	38	22	16	1.3	1.4	1.1	1.3	2.0	0.8
Diseases of appendix (K35-K38)	6	5	1	0.2	0.3	0.1	0.2	0.4	0.1
Hernia (K40-K46)	13	6	7	0.4	0.4	0.5	0.5	0.5	0.4
Chronic liver disease and cirrhosis (K70, K73-K74)	169	106	63	5.6	7.0	4.2	6.0	7.9	4.2
Alcoholic liver disease (K70)	109	76	33	3.6	5.0	2.2	3.7	5.5	2.1
Other chronic liver disease and cirrhosis (K73-K74)	60	30	30	2.0	2.0	2.0	2.2	2.4	2.1
Cholelithiasis and other disorders of gallbladder (K80-K82)	27	12	15	0.9	0.8	1.0	0.9	1.0	0.9
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	184	99	85	6.1	6.5	5.7	6.4	8.8	4.8
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	0.0
Renal failure (N17-N19)	181	97	84	6.0	6.4	5.6	6.3	8.6	4.7
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)	8	1	7	0.3	0.1	0.5	0.3	0.1	0.4
Hyperplasia of prostate (N40)	...	3	...	...	0.2	...	...	0.3	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	2	...	...	0.1	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	105	65	40	3.5	4.3	2.7	4.1	5.0	3.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	121	67	54	4.0	4.4	3.6	4.4	4.8	4.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	125	60	65	4.2	4.0	4.4	4.4	4.7	4.2
All other diseases (residual) ⁷	1,382	622	760	45.9	41.0	51.0	47.4	52.0	43.4
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	923	626	297	30.7	41.2	19.9	31.1	44.2	19.3
Transport accidents (V01-V99, Y85)	392	273	119	13.0	18.0	8.0	13.3	18.6	8.0
Motor vehicle accidents ⁸	248	170	78	8.2	11.2	5.2	8.5	11.8	5.2
Other land transport accidents ⁹	126	89	37	4.2	5.9	2.5	4.2	5.8	2.5
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	18	14	4	0.6	0.9	0.3	0.6	0.9	0.3
Nontransport accidents (W00-X59, Y86)	531	353	178	17.6	23.2	11.9	17.8	25.7	11.3
Falls (W00-W19)	87	59	28	2.9	3.9	1.9	3.0	4.7	1.9
Accidental discharge of firearms (W32-W34)	2	2	0	0.1	0.1	0.0	0.1	0.1	0.0
Accidental drowning and submersion (W65-W74)	26	21	5	0.9	1.4	0.3	0.8	1.3	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	14	10	4	0.5	0.7	0.3	0.5	0.7	0.3

See footnotes at the end of the table.

Table 1-10 – continued

Deaths by selected grouped causes, sex and geography — Alberta¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	166	109	57	5.5	7.2	3.8	5.4	7.0	3.8
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	236	152	84	7.8	10.0	5.6	8.0	11.8	5.0
Intentional self-harm (suicide) (X60-X84, Y87.0)	407	302	105	13.5	19.9	7.0	13.3	19.8	6.9
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	90	82	8	3.0	5.4	0.5	3.0	5.5	0.5
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	317	220	97	10.5	14.5	6.5	10.3	14.3	6.4
Assault (homicide) (X85-Y09, Y87.1)	56	45	11	1.9	3.0	0.7	1.9	3.1	0.8
Assault (homicide) by discharge of firearms (X93-X95)	14	11	3	0.5	0.7	0.2	0.5	0.7	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	42	34	8	1.4	2.2	0.5	1.5	2.3	0.6
Legal intervention (Y35, Y89.0)	2	2	0	0.1	0.1	0.0	0.1	0.2	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	50	34	16	1.7	2.2	1.1	1.6	2.1	1.1
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)	50	34	16	1.7	2.2	1.1	1.6	2.1	1.1
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	14	8	6	0.5	0.5	0.4	0.5	0.7	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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
 3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
 4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
 5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
 6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
 7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
 8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
 9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.
- Note:** See Data quality, concepts and methodology — 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 Columbia¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	27,460	14,191	13,269	676.5	704.1	649.4	556.0	685.5	451.7
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)	20	8	12	0.5	0.4	0.6	0.4	0.4	0.4
Tuberculosis (A16-A19)	6	2	4	0.1	0.1	0.2	0.1	0.1	0.2
Respiratory tuberculosis (A16)	4	2	2	0.1	0.1	0.1	0.1	0.1	0.1
Other tuberculosis (A17-A19)	2	0	2	0.0	0.0	0.1	0.0	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)	6	2	4	0.1	0.1	0.2	0.1	0.1	0.2
Septicaemia (A40-A41)	130	57	73	3.2	2.8	3.6	2.6	2.8	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)	35	27	8	0.9	1.3	0.4	0.7	1.1	0.4
Human immunodeficiency virus [HIV] disease (B20-B24)	125	101	24	3.1	5.0	1.2	2.9	4.6	1.1
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 ⁶	96	54	42	2.4	2.7	2.1	2.0	2.5	1.6
Malignant neoplasms (C00-C97)	7,554	3,973	3,581	186.1	197.1	175.3	157.8	188.2	136.0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	116	70	46	2.9	3.5	2.3	2.4	3.2	1.8
Malignant neoplasm of oesophagus (C15)	199	149	50	4.9	7.4	2.4	4.2	7.0	1.8
Malignant neoplasm of stomach (C16)	226	139	87	5.6	6.9	4.3	4.7	6.6	3.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	744	392	352	18.3	19.4	17.2	15.3	18.7	12.6
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	175	113	62	4.3	5.6	3.0	3.7	5.2	2.3
Malignant neoplasm of pancreas (C25)	418	202	216	10.3	10.0	10.6	8.7	9.6	7.8
Malignant neoplasm of larynx (C32)	50	44	6	1.2	2.2	0.3	1.0	2.0	0.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,955	1,109	846	48.2	55.0	41.4	41.7	52.2	33.6
Malignant melanoma of skin (C43)	100	60	40	2.5	3.0	2.0	2.1	2.8	1.5
Malignant neoplasm of breast (C50)	552	2	550	13.6	0.1	26.9	11.4	0.1	21.1
Malignant neoplasm of cervix uteri (C53)	...	...	51	...	...	2.5	...	...	2.1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	69	...	...	3.4	...	...	2.6
Malignant neoplasm of ovary (C56)	...	...	218	...	...	10.7	...	...	8.5
Malignant neoplasm of prostate (C61)	...	473	...	...	23.5	...	...	23.2	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	146	89	57	3.6	4.4	2.8	3.1	4.2	2.2
Malignant neoplasm of bladder (C67)	179	124	55	4.4	6.2	2.7	3.6	6.0	1.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	165	102	63	4.1	5.1	3.1	3.5	4.6	2.5
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	737	426	311	18.2	21.1	15.2	15.4	20.2	11.6
Hodgkin's disease (C81)	14	9	5	0.3	0.4	0.2	0.3	0.4	0.2
Non-Hodgkin's lymphoma (C82-C85)	332	184	148	8.2	9.1	7.2	6.9	8.6	5.5
Leukaemia (C91-C95)	248	158	90	6.1	7.8	4.4	5.2	7.6	3.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	143	75	68	3.5	3.7	3.3	3.0	3.6	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)	981	479	502	24.2	23.8	24.6	20.3	22.7	18.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	198	103	95	4.9	5.1	4.6	4.0	5.0	3.3
Anaemias (D50-D64)	34	17	17	0.8	0.8	0.8	0.6	0.9	0.5
Diabetes mellitus (E10-E14)	696	368	328	17.1	18.3	16.1	14.0	17.6	11.0
Nutritional deficiencies (E40-E64)	33	11	22	0.8	0.5	1.1	0.6	0.5	0.7
Malnutrition (E40-E46)	27	9	18	0.7	0.4	0.9	0.5	0.4	0.5
Other nutritional deficiencies (E50-E64)	6	2	4	0.1	0.1	0.2	0.1	0.1	0.2
Meningitis (G00, G03)	8	3	5	0.2	0.1	0.2	0.2	0.1	0.2
Parkinson's disease (G20-G21)	174	109	65	4.3	5.4	3.2	3.4	5.3	2.1
Alzheimer's disease (G30)	461	139	322	11.4	6.9	15.8	8.6	6.8	9.7
Major cardiovascular diseases (I00-I78)	9,721	4,886	4,835	239.5	242.4	236.6	189.0	236.9	150.1
Diseases of heart (I00-I09, I11, I13, I20-I51)	6,855	3,626	3,229	168.9	179.9	158.0	133.8	175.6	100.5
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	53	22	31	1.3	1.1	1.5	1.0	1.0	1.0
Hypertensive heart disease (I11)	77	30	47	1.9	1.5	2.3	1.5	1.5	1.4
Hypertensive heart and renal disease (I13)	13	4	9	0.3	0.2	0.4	0.2	0.2	0.3
Ischaemic heart diseases (I20-I25)	4,926	2,759	2,167	121.4	136.9	106.1	96.7	132.7	68.1
Acute myocardial infarction (I21-I22)	2,495	1,433	1,062	61.5	71.1	52.0	49.4	68.5	34.3
Other acute ischaemic heart diseases (I24)	33	17	16	0.8	0.8	0.8	0.7	0.8	0.5

See footnotes at the end of the table.

Table 1-11 – continued

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

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	2,398	1,309	1,089	59.1	64.9	53.3	46.6	63.3	33.2
Atherosclerotic cardiovascular disease, so described (I25.0)	160	90	70	3.9	4.5	3.4	3.2	4.1	2.3
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	2,238	1,219	1,019	55.1	60.5	49.9	43.4	59.2	30.9
Other heart diseases (I26-I51)	1,786	811	975	44.0	40.2	47.7	34.4	40.2	29.8
Acute and subacute endocarditis (I33)	14	11	3	0.3	0.5	0.1	0.3	0.5	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	12	7	5	0.3	0.3	0.2	0.3	0.3	0.2
Heart failure (I50)	739	300	439	18.2	14.9	21.5	13.7	15.3	12.6
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,021	493	528	25.2	24.5	25.8	20.1	24.0	16.8
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	116	38	78	2.9	1.9	3.8	2.2	1.9	2.2
Cerebrovascular diseases (I60-I69)	2,233	937	1,296	55.0	46.5	63.4	42.8	45.6	39.9
Atherosclerosis (I70)	131	62	69	3.2	3.1	3.4	2.4	3.1	2.0
Other diseases of circulatory system (I71-I78)	386	223	163	9.5	11.1	8.0	7.7	10.8	5.4
Aortic aneurysm and dissection (I71)	258	156	102	6.4	7.7	5.0	5.2	7.5	3.5
Other diseases of arteries, arterioles and capillaries (I72-I78)	128	67	61	3.2	3.3	3.0	2.5	3.3	2.0
Other disorders of circulatory system (I80-I99)	36	14	22	0.9	0.7	1.1	0.7	0.7	0.7
Influenza and pneumonia (J10-J18)	1,156	528	628	28.5	26.2	30.7	21.5	26.5	18.2
Influenza (J10-J11)	80	26	54	2.0	1.3	2.6	1.5	1.3	1.5
Pneumonia (J12-J18)	1,076	502	574	26.5	24.9	28.1	20.0	25.2	16.7
Other acute lower respiratory infections (J20-J22)	12	4	8	0.3	0.2	0.4	0.2	0.2	0.2
Acute bronchitis and bronchiolitis (J20-J21)	2	0	2	0.0	0.0	0.1	0.0	0.0	0.1
Unspecified acute lower respiratory infection (J22)	10	4	6	0.2	0.2	0.3	0.2	0.2	0.2
Chronic lower respiratory diseases (J40-J47)	1,246	680	566	30.7	33.7	27.7	24.5	33.2	18.7
Bronchitis, chronic and unspecified (J40-J42)	25	12	13	0.6	0.6	0.6	0.5	0.6	0.4
Emphysema (J43)	105	62	43	2.6	3.1	2.1	2.1	3.0	1.5
Asthma (J45-J46)	48	19	29	1.2	0.9	1.4	1.0	0.9	1.0
Other chronic lower respiratory diseases (J44, J47)	1,068	587	481	26.3	29.1	23.5	20.9	28.7	15.8
Pneumoconioses and chemical effects (J60-J66, J68)	7	7	0	0.2	0.3	0.0	0.1	0.3	0.0
Pneumonitis due to solids and liquids (J69)	75	43	32	1.8	2.1	1.6	1.4	2.2	0.9
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	244	140	104	6.0	6.9	5.1	4.8	6.7	3.4
Peptic ulcer (K25-K28)	77	40	37	1.9	2.0	1.8	1.5	1.9	1.2
Diseases of appendix (K35-K38)	4	2	2	0.1	0.1	0.1	0.1	0.1	0.1
Hernia (K40-K46)	37	20	17	0.9	1.0	0.8	0.7	1.0	0.5
Chronic liver disease and cirrhosis (K70, K73-K74)	302	191	111	7.4	9.5	5.4	6.5	8.6	4.6
Alcoholic liver disease (K70)	186	131	55	4.6	6.5	2.7	4.0	5.8	2.3
Other chronic liver disease and cirrhosis (K73-K74)	116	60	56	2.9	3.0	2.7	2.5	2.7	2.3
Cholelithiasis and other disorders of gallbladder (K80-K82)	36	19	17	0.9	0.9	0.8	0.7	0.9	0.5
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	317	162	155	7.8	8.0	7.6	6.2	7.9	5.1
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	4	3	1	0.1	0.1	0.0	0.1	0.1	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	8	3	5	0.2	0.1	0.2	0.1	0.1	0.1
Renal failure (N17-N19)	305	156	149	7.5	7.7	7.3	5.9	7.6	4.9
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	11	4	7	0.3	0.2	0.3	0.2	0.2	0.2
Hyperplasia of prostate (N40)	...	9	...	...	0.4	...	...	0.5	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	2	...	...	0.1	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	3	...	...	0.1	...	...	0.2
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	3	...	...	0.1	...	...	0.2
Certain conditions originating in the perinatal period (P00-P96)	80	46	34	2.0	2.3	1.7	2.8	3.2	2.5
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	114	60	54	2.8	3.0	2.6	3.1	3.3	2.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	263	124	139	6.5	6.2	6.8	5.8	6.3	4.9
All other diseases (residual) ⁷	2,297	995	1,302	56.6	49.4	63.7	45.7	48.4	42.7
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	1,289	849	440	31.8	42.1	21.5	29.2	41.3	17.5
Transport accidents (V01-V99, Y85)	444	312	132	10.9	15.5	6.5	10.7	15.4	6.1
Motor vehicle accidents ⁸	378	264	114	9.3	13.1	5.6	9.2	13.1	5.3
Other land transport accidents ⁹	28	18	10	0.7	0.9	0.5	0.7	0.9	0.5
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	38	30	8	0.9	1.5	0.4	0.9	1.4	0.4
Nontransport accidents (W00-X59, Y86)	845	537	308	20.8	26.6	15.1	18.5	25.9	11.3
Falls (W00-W19)	308	143	165	7.6	7.1	8.1	6.0	7.0	5.0
Accidental discharge of firearms (W32-W34)	5	5	0	0.1	0.2	0.0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	47	38	9	1.2	1.9	0.4	1.1	1.8	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	33	20	13	0.8	1.0	0.6	0.7	0.9	0.6

See footnotes at the end of the table.

Table 1-11 – continued

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

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	323	243	80	8.0	12.1	3.9	7.8	11.7	3.9
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	129	88	41	3.2	4.4	2.0	2.8	4.2	1.5
Intentional self-harm (suicide) (X60-X84, Y87.0)	435	319	116	10.7	15.8	5.7	10.3	15.5	5.3
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	75	71	4	1.8	3.5	0.2	1.7	3.4	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	360	248	112	8.9	12.3	5.5	8.6	12.2	5.1
Assault (homicide) (X85-Y09, Y87.1)	60	45	15	1.5	2.2	0.7	1.5	2.3	0.7
Assault (homicide) by discharge of firearms (X93-X95)	20	16	4	0.5	0.8	0.2	0.5	0.9	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	40	29	11	1.0	1.4	0.5	1.0	1.4	0.5
Legal intervention (Y35, Y89.0)	2	2	0	0.0	0.1	0.0	0.0	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	33	19	14	0.8	0.9	0.7	0.7	0.8	0.6
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	32	18	14	0.8	0.9	0.7	0.7	0.8	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)	15	8	7	0.4	0.4	0.3	0.3	0.4	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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
 3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
 4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
 5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
 6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
 7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
 8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
 9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.
- Note:** See Data quality, concepts and methodology — 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 Territory¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	156	95	61	510.1	602.3	411.9	820.8	845.3	748.9
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Tuberculosis (A16-A19)	1	0	1	3.3	0.0	6.8	8.9	0.0	17.0
Respiratory tuberculosis (A16)	1	0	1	3.3	0.0	6.8	8.9	0.0	17.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	1	1	0	3.3	6.3	0.0	8.9	18.9	0.0
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms (C00-C97)	42	27	15	137.3	171.2	101.3	207.8	268.0	155.2
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	1	1	0	3.3	6.3	0.0	2.8	4.9	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	1	1	0	3.3	6.3	0.0	2.5	5.0	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)	1	1	0	3.3	6.3	0.0	2.5	5.0	0.0
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	16	12	4	52.3	76.1	27.0	84.2	128.1	32.4
Malignant melanoma of skin (C43)	1	0	1	3.3	0.0	6.8	4.2	0.0	9.2
Malignant neoplasm of breast (C50)	3	0	3	9.8	0.0	20.3	12.7	0.0	24.9
Malignant neoplasm of cervix uteri (C53)	...	...	...	...	...	0.0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	2	2	0	6.5	12.7	0.0	6.4	12.0	0.0
Malignant neoplasm of bladder (C67)	1	0	1	3.3	0.0	6.8	6.4	0.0	15.6
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	2	2	0	6.5	12.7	0.0	5.0	9.0	0.0
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	2	1	1	6.5	6.3	6.8	4.3	4.2	4.5
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	1	1	0	3.3	6.3	0.0	2.2	4.2	0.0
Leukaemia (C91-C95)	1	0	1	3.3	0.0	6.8	2.2	0.0	4.5
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)	12	7	5	39.2	44.4	33.8	76.7	99.9	68.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	1	0	1	3.3	0.0	6.8	7.3	0.0	14.3
Anaemias (D50-D64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diabetes mellitus (E10-E14)	2	0	2	6.5	0.0	13.5	12.4	0.0	28.3
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningitis (G00, G03)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	38	22	16	124.3	139.5	108.0	222.0	178.5	227.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	31	20	11	101.4	126.8	74.3	176.2	165.8	156.0
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)	1	0	1	3.3	0.0	6.8	2.2	0.0	4.5
Ischaemic heart diseases (I20-I25)	25	20	5	81.7	126.8	33.8	135.0	165.8	79.1
Acute myocardial infarction (I21-I22)	14	11	3	45.8	69.7	20.3	74.3	90.3	47.9
Other acute ischaemic heart diseases (I24)	2	2	0	6.5	12.7	0.0	8.6	14.9	0.0

See footnotes at the end of the table.

Table 1-12 – continued

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

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	9	7	2	29.4	44.4	13.5	52.1	60.6	31.2
Atherosclerotic cardiovascular disease, so described (I25.0)	3	3	0	9.8	19.0	0.0	17.1	29.6	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	6	4	2	19.6	25.4	13.5	35.1	31.0	31.2
Other heart diseases (I26-I51)	5	0	5	16.3	0.0	33.8	39.0	0.0	72.4
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Heart failure (I50)	2	0	2	6.5	0.0	13.5	16.2	0.0	28.7
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	3	0	3	9.8	0.0	20.3	22.8	0.0	43.7
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)	5	1	4	16.3	6.3	27.0	32.2	4.9	55.0
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	2	1	1	6.5	6.3	6.8	13.5	7.7	16.7
Aortic aneurysm and dissection (I71)	1	1	0	3.3	6.3	0.0	4.0	7.7	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	1	0	1	3.3	0.0	6.8	9.5	0.0	16.7
Other disorders of circulatory system (I80-I99)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Influenza and pneumonia (J10-J18)	3	2	1	9.8	12.7	6.8	24.8	29.7	16.7
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia (J12-J18)	3	2	1	9.8	12.7	6.8	24.8	29.7	16.7
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	11	6	5	36.0	38.0	33.8	72.8	86.3	54.8
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Emphysema (J43)	2	1	1	6.5	6.3	6.8	10.1	15.0	6.4
Asthma (J44-J46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other chronic lower respiratory diseases (J44, J47)	9	5	4	29.4	31.7	27.0	62.8	71.4	48.4
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)	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	6.0	0.0	12.7
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	5	3	2	16.3	19.0	13.5	19.8	16.9	24.9
Alcoholic liver disease (K70)	5	3	2	16.3	19.0	13.5	19.8	16.9	24.9
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	1	0	1	3.3	0.0	6.8	8.9	0.0	14.5
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Renal failure (N17-N19)	1	0	1	3.3	0.0	6.8	8.9	0.0	14.5
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
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0	0.0	0.0	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)	3	1	2	9.8	6.3	13.5	17.0	6.9	26.2
All other diseases (residual) ⁷	17	10	7	55.6	63.4	47.3	91.4	92.4	85.4
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	22	16	6	71.9	101.4	40.5	86.2	101.6	64.0
Transport accidents (V01-V99, Y85)	11	9	2	36.0	57.1	13.5	35.9	55.8	12.5
Motor vehicle accidents ⁸	7	5	2	22.9	31.7	13.5	20.5	27.6	12.5
Other land transport accidents ⁹	1	1	0	3.3	6.3	0.0	3.7	7.5	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	3	3	0	9.8	19.0	0.0	11.7	20.7	0.0
Nontransport accidents (W00-X59, Y86)	11	7	4	36.0	44.4	27.0	50.3	45.7	51.5
Falls (W00-W19)	2	1	1	6.5	6.3	6.8	9.5	15.0	4.7
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	2	1	1	6.5	6.3	6.8	10.6	7.8	15.6
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 Territory¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	5	5	0	16.3	31.7	0.0	11.8	23.0	0.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	2	0	2	6.5	0.0	13.5	18.4	0.0	31.2
Intentional self-harm (suicide) (X60-X84, Y87.0)	7	6	1	22.9	38.0	6.8	23.6	40.6	7.3
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	5	5	0	16.3	31.7	0.0	17.1	35.0	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	2	1	1	6.5	6.3	6.8	6.4	5.6	7.3
Assault (homicide) (X85-Y09, Y87.1)	1	1	0	3.3	6.3	0.0	2.7	5.6	0.0
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	1	1	0	3.3	6.3	0.0	2.7	5.6	0.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
 2. The population estimates used for the 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
 3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
 4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
 5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
 6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
 7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
 8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
 9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.
- Note:** See Data quality, concepts and methodology — 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 Territories¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	157	93	64	383.8	440.1	323.6	821.1	1,022.0	632.0
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	0	1	2.4	0.0	5.1	6.7	0.0	14.2
Tuberculosis (A16-A19)	2	1	1	4.9	4.7	5.1	11.0	15.3	7.5
Respiratory tuberculosis (A16)	2	1	1	4.9	4.7	5.1	11.0	15.3	7.5
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	0	2	4.9	0.0	10.1	11.3	0.0	19.6
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	1	1	0	2.4	4.7	0.0	2.2	4.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	1	0	1	2.4	0.0	5.1	3.2	0.0	7.5
Malignant neoplasms (C00-C97)	43	27	16	105.1	127.8	80.9	236.5	303.0	167.2
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	0	1	2.4	0.0	5.1	8.2	0.0	16.0
Malignant neoplasm of oesophagus (C15)	2	1	1	4.9	4.7	5.1	14.5	12.8	15.8
Malignant neoplasm of stomach (C16)	3	2	1	7.3	9.5	5.1	6.9	7.9	5.1
Malignant neoplasms of colon, rectum and anus (C18-C21)	8	5	3	19.6	23.7	15.2	50.0	62.0	36.6
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1	1	0	2.4	4.7	0.0	6.7	12.8	0.0
Malignant neoplasm of pancreas (C25)	1	0	1	2.4	0.0	5.1	8.2	0.0	16.0
Malignant neoplasm of larynx (C32)	1	1	0	2.4	4.7	0.0	7.8	15.3	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	9	9	0	22.0	42.6	0.0	54.9	108.4	0.0
Malignant melanoma of skin (C43)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of breast (C50)	3	0	3	7.3	0.0	15.2	11.1	0.0	23.9
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	...	...	5.1	...	...	4.2
Malignant neoplasm of prostate (C61)	...	3	...	...	14.2	...	...	37.2	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	2	1	1	4.9	4.7	5.1	8.2	4.2	11.7
Malignant neoplasm of bladder (C67)	1	1	0	2.4	4.7	0.0	3.2	5.5	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	1	1	0	2.4	4.7	0.0	5.9	12.1	0.0
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	1	1	0	2.4	4.7	0.0	5.9	12.1	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)	6	2	4	14.7	9.5	20.2	30.5	24.9	37.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Anaemias (D50-D64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diabetes mellitus (E10-E14)	2	1	1	4.9	4.7	5.1	12.7	12.8	11.7
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningitis (G00, G03)	1	1	0	2.4	4.7	0.0	6.7	12.8	0.0
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Alzheimer's disease (G30)	1	1	0	2.4	4.7	0.0	6.8	18.9	0.0
Major cardiovascular diseases (I00-I78)	27	19	8	66.0	89.9	40.5	184.7	273.6	106.5
Diseases of heart (I00-I09, I11, I13, I20-I51)	21	16	5	51.3	75.7	25.3	140.6	226.2	68.1
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	13	10	3	31.8	47.3	15.2	85.7	133.0	45.8
Acute myocardial infarction (I21-I22)	3	2	1	7.3	9.5	5.1	23.1	34.6	15.8
Other acute ischaemic heart diseases (I24)	1	1	0	2.4	4.7	0.0	6.7	12.8	0.0

See footnotes at the end of the table.

Table 1-13 – continued

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

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	9	7	2	22.0	33.1	10.1	56.0	85.6	30.0
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)	9	7	2	22.0	33.1	10.1	56.0	85.6	30.0
Other heart diseases (I26-I51)	8	6	2	19.6	28.4	10.1	54.9	93.2	22.3
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Heart failure (I50)	4	3	1	9.8	14.2	5.1	29.5	50.8	10.6
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	4	3	1	9.8	14.2	5.1	25.4	42.4	11.7
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	6	3	3	14.7	14.2	15.2	44.1	47.4	38.4
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
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
Influenza and pneumonia (J10-J18)	2	1	1	4.9	4.7	5.1	14.3	18.0	11.8
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia (J12-J18)	2	1	1	4.9	4.7	5.1	14.3	18.0	11.8
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	9	7	2	22.0	33.1	10.1	65.0	109.2	27.5
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Emphysema (J43)	1	1	0	2.4	4.7	0.0	7.1	18.0	0.0
Asthma (J45-J46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other chronic lower respiratory diseases (J44, J47)	8	6	2	19.6	28.4	10.1	57.9	91.2	27.5
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)	3	1	2	7.3	4.7	10.1	17.7	15.3	18.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2	2	0	4.9	9.5	0.0	10.4	20.6	0.0
Peptic ulcer (K25-K28)	1	0	1	2.4	0.0	5.1	2.2	0.0	4.9
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	3	1	2	7.3	4.7	10.1	13.1	5.5	21.7
Alcoholic liver disease (K70)	1	1	0	2.4	4.7	0.0	3.2	5.5	0.0
Other chronic liver disease and cirrhosis (K73-K74)	2	0	2	4.9	0.0	10.1	9.9	0.0	21.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	2	1	1	4.9	4.7	5.1	14.9	12.8	16.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Renal failure (N17-N19)	2	1	1	4.9	4.7	5.1	14.9	12.8	16.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	5	2	3	12.2	9.5	15.2	10.6	8.4	12.9
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)	4	2	2	9.8	9.5	10.1	24.9	20.9	26.4
All other diseases (residual) ⁷	13	4	9	31.8	18.9	45.5	63.5	51.8	76.3
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	23	14	9	56.2	66.3	45.5	71.0	70.2	65.0
Transport accidents (V01-V99, Y85)	11	9	2	26.9	42.6	10.1	25.8	40.6	9.9
Motor vehicle accidents ⁸	6	5	1	14.7	23.7	5.1	14.4	23.2	5.1
Other land transport accidents ⁹	2	2	0	4.9	9.5	0.0	4.4	8.7	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	3	2	1	7.3	9.5	5.1	6.9	8.6	4.8
Nontransport accidents (W00-X59, Y86)	12	5	7	29.3	23.7	35.4	45.2	29.7	55.0
Falls (W00-W19)	2	2	0	4.9	9.5	0.0	8.1	16.0	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)	2	1	1	4.9	4.7	5.1	4.4	4.2	4.3
Accidental exposure to smoke, fire and flames (X00-X09)	1	1	0	2.4	4.7	0.0	3.2	5.5	0.0

See footnotes at the end of the table.

Table 1-13 – continued

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

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	1	0	1	2.4	0.0	5.1	2.1	0.0	4.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	6	1	5	14.7	4.7	25.3	27.5	3.9	46.0
Intentional self-harm (suicide) (X60-X84, Y87.0)	7	7	0	17.1	33.1	0.0	21.9	48.9	0.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	3	3	0	7.3	14.2	0.0	11.9	29.0	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	4	4	0	9.8	18.9	0.0	10.0	19.9	0.0
Assault (homicide) (X85-Y09, Y87.1)	1	0	1	2.4	0.0	5.1	7.1	0.0	11.8
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	2.4	0.0	5.1	7.1	0.0	11.8
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	1	0	1	2.4	0.0	5.1	2.6	0.0	5.1
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	0	1	2.4	0.0	5.1	2.6	0.0	5.1
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)	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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
 3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
 4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
 5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
 6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
 7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
 8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
 9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.
- Note:** See Data quality, concepts and methodology — 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 — Nunavut¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	130	79	51	474.1	551.3	389.6	1,158.7	1,373.6	909.9
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	1	0	1	3.6	0.0	7.6	4.6	0.0	9.6
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	2	1	1	7.3	7.0	7.6	16.7	9.0	27.9
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms (C00-C97)	28	12	16	102.1	83.7	122.2	301.7	233.5	372.1
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	0	1	3.6	0.0	7.6	3.9	0.0	7.9
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)	3	0	3	10.9	0.0	22.9	34.1	0.0	90.3
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	2	2	0	7.3	14.0	0.0	30.0	48.7	0.0
Malignant neoplasm of pancreas (C25)	1	0	1	3.6	0.0	7.6	4.6	0.0	9.6
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)	16	8	8	58.4	55.8	61.1	194.1	170.5	202.2
Malignant melanoma of skin (C43)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of breast (C50)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of cervix uteri (C53)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	1	...	...	7.6	...	...	27.9
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
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	1	1	0	3.6	7.0	0.0	2.7	5.3	0.0
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	1	0	3.6	7.0	0.0	2.7	5.3	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)	3	1	2	10.9	7.0	15.3	20.3	9.0	34.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	1	1	0	3.6	7.0	0.0	4.6	9.0	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
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningitis (G00, G03)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	19	13	6	69.3	90.7	45.8	229.8	379.9	72.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	15	12	3	54.7	83.7	22.9	207.7	372.9	33.8
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	2	1	1	7.3	7.0	7.6	30.0	30.3	22.0
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	5	4	1	18.2	27.9	7.6	62.5	128.1	5.4
Acute myocardial infarction (I21-I22)	4	3	1	14.6	20.9	7.6	58.7	120.5	5.4
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 1-14 – continued

Deaths by selected grouped causes, sex and geography — Nunavut¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	1	1	0	3.6	7.0	0.0	3.9	7.6	0.0
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)	1	1	0	3.6	7.0	0.0	3.9	7.6	0.0
Other heart diseases (I26-I51)	8	7	1	29.2	48.9	7.6	115.3	214.5	6.3
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	0	1	3.6	0.0	7.6	3.2	0.0	6.3
Heart failure (I50)	1	1	0	3.6	7.0	0.0	29.7	68.4	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	6	6	0	21.9	41.9	0.0	82.3	146.1	0.0
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)	4	1	3	14.6	7.0	22.9	22.1	7.0	38.9
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
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
Influenza and pneumonia (J10-J18)	1	0	1	3.6	0.0	7.6	29.7	0.0	52.6
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	7.6	29.7	0.0	52.6
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	17	11	6	62.0	76.8	45.8	265.8	347.6	181.9
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Emphysema (J43)	2	1	1	7.3	7.0	7.6	39.8	68.4	22.0
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)	15	10	5	54.7	69.8	38.2	226.0	279.2	159.8
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2	0	2	7.3	0.0	15.3	22.1	0.0	50.0
Peptic ulcer (K25-K28)	1	1	0	3.6	7.0	0.0	28.3	43.9	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	1	1	0	3.6	7.0	0.0	12.1	21.3	0.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Renal failure (N17-N19)	1	1	0	3.6	7.0	0.0	12.1	21.3	0.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	4	2	2	14.6	14.0	15.3	7.8	7.1	8.8
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1	0	1	3.6	0.0	7.6	3.2	0.0	6.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	6	3	3	21.9	20.9	22.9	22.5	30.9	13.2
All other diseases (residual) ⁷	4	3	1	14.6	20.9	7.6	19.3	17.1	22.0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	13	11	2	47.4	76.8	15.3	88.1	134.1	27.8
Transport accidents (V01-V99, Y85)	4	4	0	14.6	27.9	0.0	19.5	36.5	0.0
Motor vehicle accidents ⁸	2	2	0	7.3	14.0	0.0	8.3	15.7	0.0
Other land transport accidents ⁹	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	2	2	0	7.3	14.0	0.0	11.2	20.8	0.0
Nontransport accidents (W00-X59, Y86)	9	7	2	32.8	48.9	15.3	68.5	97.6	27.8
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)	1	1	0	3.6	7.0	0.0	10.0	18.4	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 — Nunavut¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Accidental poisoning and exposure to noxious substances (X40-X49)	3	1	2	10.9	7.0	15.3	16.8	7.5	27.8
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	5	5	0	18.2	34.9	0.0	41.7	71.7	0.0
Intentional self-harm (suicide) (X60-X84, Y87.0)	25	18	7	91.2	125.6	53.5	82.7	119.5	45.9
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	4	4	0	14.6	27.9	0.0	14.4	28.2	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	21	14	7	76.6	97.7	53.5	68.3	91.2	45.9
Assault (homicide) (X85-Y09, Y87.1)	4	2	2	14.6	14.0	15.3	19.5	20.8	18.9
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	4	2	2	14.6	14.0	15.3	19.5	20.8	18.9
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
 2. The population estimates used for the 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
 3. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
 4. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
 5. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
 6. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
 7. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
 8. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
 9. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.
- Note:** See Data quality, concepts and methodology — 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, Canada¹ — Under 1 year^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	1,737	986	751	529.8	585.6	470.9
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	0.6	0.0	1.3
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	2	0	2	0.6	0.0	1.3
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	3	1	2	0.9	0.6	1.3
Septicaemia (A40-A41)	9	8	1	2.7	4.8	0.6
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	6	3	3	1.8	1.8	1.9
Malignant neoplasms (C00-C97)	9	4	5	2.7	2.4	3.1
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	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)	2	1	1	0.6	0.6	0.6
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	4	2	2	1.2	1.2	1.3
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)	4	2	2	1.2	1.2	1.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	3	1	2	0.9	0.6	1.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	10	4	6	3.0	2.4	3.8
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
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	11	8	3	3.4	4.8	1.9
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	23	9	14	7.0	5.3	8.8
Diseases of heart (I00-I09, I11, I13, I20-I51)	18	8	10	5.5	4.8	6.3
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0.0	0.0	0.0
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-1 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	1	0	1	0.3	0.0	0.6
Acute myocardial infarction (I21-I22)	1	0	1	0.3	0.0	0.6
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	0	0	0	0.0	0.0	0.0
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0.0	0.0	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	0	0	0	0.0	0.0	0.0
Other heart diseases (I26-I51)	17	8	9	5.2	4.8	5.6
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)	0	0	0	0.0	0.0	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	15	7	8	4.6	4.2	5.0
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	1.9
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	1	0	1	0.3	0.0	0.6
Aortic aneurysm and dissection (I71)	0	0	0	0.0	0.0	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	1	0	1	0.3	0.0	0.6
Other disorders of circulatory system (I80-I99)	1	1	0	0.3	0.6	0.0
Influenza and pneumonia (J10-J18)	13	11	2	4.0	6.5	1.3
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	13	11	2	4.0	6.5	1.3
Other acute lower respiratory infections (J20-J22)	2	2	0	0.6	1.2	0.0
Acute bronchitis and bronchiolitis (J20-J21)	2	2	0	0.6	1.2	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	2	1	1	0.6	0.6	0.6
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)	1	1	0	0.3	0.6	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	2	2	0	0.6	1.2	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	10	5	5	3.0	3.0	3.1
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
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0.0	0.0	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	3	1	2	0.9	0.6	1.3
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0
Renal failure (N17-N19)	3	1	2	0.9	0.6	1.3
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	1	0	1	0.3	0.0	0.6
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	890	504	386	271.4	299.3	242.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	426	240	186	129.9	142.5	116.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	168	97	71	51.2	57.6	44.5
All other diseases (residual) ¹¹	84	51	33	25.6	30.3	20.7
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	37	19	18	11.3	11.3	11.3
Transport accidents (V01-V99, Y85)	5	2	3	1.5	1.2	1.9
Motor vehicle accidents ¹²	4	2	2	1.2	1.2	1.3
Other land transport accidents ¹³	1	0	1	0.3	0.0	0.6

See footnotes at the end of the table.

Table 2-1 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0.0	0.0	0.0
Nontransport accidents (W00-X59, Y86)	32	17	15	9.8	10.1	9.4
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)	5	2	3	1.5	1.2	1.9
Accidental exposure to smoke, fire and flames (X00-X09)	6	3	3	1.8	1.8	1.9
Accidental poisoning and exposure to noxious substances (X40-X49)	1	1	0	0.3	0.6	0.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	20	11	9	6.1	6.5	5.6
Intentional self-harm (suicide) (X60-X84, Y87.0)	0	0	0	0.0	0.0	0.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	0	0.0	0.0	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	0	0	0	0.0	0.0	0.0
Assault (homicide) (X85-Y09, Y87.1)	15	9	6	4.6	5.3	3.8
Assault (homicide) by discharge of firearms (X93-X95)	1	1	0	0.3	0.6	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	14	8	6	4.3	4.8	3.8
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	5	4	1	1.5	2.4	0.6
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	5	4	1	1.5	2.4	0.6
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	2	1	1	0.6	0.6	0.6

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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See Data quality, concepts and methodology — 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, Canada¹ — 1 to 4 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	300	170	130	20.6	22.9	18.3
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	3	2	1	0.2	0.3	0.1
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	1	1	0	0.1	0.1	0.0
Septicaemia (A40-A41)	5	3	2	0.3	0.4	0.3
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	3	0	3	0.2	0.0	0.4
Malignant neoplasms (C00-C97)	33	17	16	2.3	2.3	2.3
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	2	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)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of breast (C50)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of cervix uteri (C53)	...	...	0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	0	...	...	0.0
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	13	6	7	0.9	0.8	1.0
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	9	6	3	0.6	0.8	0.4
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)	9	6	3	0.6	0.8	0.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	9	4	5	0.6	0.5	0.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	4	1	3	0.3	0.1	0.4
Anaemias (D50-D64)	2	2	0	0.1	0.3	0.0
Diabetes mellitus (E10-E14)	0	0	0	0.0	0.0	0.0
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	4	2	2	0.3	0.3	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
Major cardiovascular diseases (I00-I78)	16	10	6	1.1	1.3	0.8
Diseases of heart (I00-I09, I11, I13, I20-I51)	14	9	5	1.0	1.2	0.7
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, Canada¹ — 1 to 4 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	0	0	0	0.0	0.0	0.0
Acute myocardial infarction (I21-I22)	0	0	0	0.0	0.0	0.0
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	0	0	0	0.0	0.0	0.0
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0.0	0.0	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	0	0	0	0.0	0.0	0.0
Other heart diseases (I26-I51)	14	9	5	1.0	1.2	0.7
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	4	2	2	0.3	0.3	0.3
Heart failure (I50)	2	2	0	0.1	0.3	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	8	5	3	0.6	0.7	0.4
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	1	0	1	0.1	0.0	0.1
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	1	1	0	0.1	0.1	0.0
Aortic aneurysm and dissection (I71)	1	1	0	0.1	0.1	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0.0	0.0	0.0
Other disorders of circulatory system (I80-I99)	0	0	0	0.0	0.0	0.0
Influenza and pneumonia (J10-J18)	5	2	3	0.3	0.3	0.4
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	5	2	3	0.3	0.3	0.4
Other acute lower respiratory infections (J20-J22)	1	1	0	0.1	0.1	0.0
Acute bronchitis and bronchiolitis (J20-J21)	1	1	0	0.1	0.1	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	3	1	2	0.2	0.1	0.3
Bronchitis, chronic and unspecified (J40-J42)	1	0	1	0.1	0.0	0.1
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	1	1	0	0.1	0.1	0.0
Other chronic lower respiratory diseases (J44, J47)	1	0	1	0.1	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)	3	2	1	0.2	0.3	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2	1	1	0.1	0.1	0.1
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0.0	0.0	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	0	0.0	0.0	0.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0
Renal failure (N17-N19)	0	0	0	0.0	0.0	0.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	4	3	1	0.3	0.4	0.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	52	32	20	3.6	4.3	2.8
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	13	8	5	0.9	1.1	0.7
All other diseases (residual) ¹¹	53	25	28	3.6	3.4	3.9
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	76	48	28	5.2	6.5	3.9
Transport accidents (V01-V99, Y85)	29	19	10	2.0	2.6	1.4
Motor vehicle accidents ¹²	24	15	9	1.7	2.0	1.3
Other land transport accidents ¹³	5	4	1	0.3	0.5	0.1

See footnotes at the end of the table.

Table 2-2 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0.0	0.0	0.0
Nontransport accidents (W00-X59, Y86)	47	29	18	3.2	3.9	2.5
Falls (W00-W19)	4	4	0	0.3	0.5	0.0
Accidental discharge of firearms (W32-W34)	1	1	0	0.1	0.1	0.0
Accidental drowning and submersion (W65-W74)	22	18	4	1.5	2.4	0.6
Accidental exposure to smoke, fire and flames (X00-X09)	7	3	4	0.5	0.4	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)	13	3	10	0.9	0.4	1.4
Intentional self-harm (suicide) (X60-X84, Y87.0)	0	0	0	0.0	0.0	0.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	0	0.0	0.0	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	0	0	0	0.0	0.0	0.0
Assault (homicide) (X85-Y09, Y87.1)	11	7	4	0.8	0.9	0.6
Assault (homicide) by discharge of firearms (X93-X95)	1	1	0	0.1	0.1	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	10	6	4	0.7	0.8	0.6
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	4	1	3	0.3	0.1	0.4
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	4	1	3	0.3	0.1	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)	2	1	1	0.1	0.1	0.1

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

2. Age attained at the last birthday preceding death.

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

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

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

6. The population estimates used for the 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).

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

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

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

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

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

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

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

Note: See *Data quality, concepts and methodology* — 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, Canada¹ — 5 to 9 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	254	150	104	12.4	14.3	10.4
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	2	0	2	0.1	0.0	0.2
Septicaemia (A40-A41)	3	1	2	0.1	0.1	0.2
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	2	1	1	0.1	0.1	0.1
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	5	2	3	0.2	0.2	0.3
Malignant neoplasms (C00-C97)	53	33	20	2.6	3.1	2.0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	2	2	0	0.1	0.2	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)	7	3	4	0.3	0.3	0.4
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	7	5	0.6	0.7	0.5
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	13	10	3	0.6	1.0	0.3
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	2	1	1	0.1	0.1	0.1
Leukaemia (C91-C95)	11	9	2	0.5	0.9	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)	19	11	8	0.9	1.0	0.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	5	3	2	0.2	0.3	0.2
Anaemias (D50-D64)	1	0	1	0.0	0.0	0.1
Diabetes mellitus (E10-E14)	0	0	0	0.0	0.0	0.0
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	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
Major cardiovascular diseases (I00-I78)	8	5	3	0.4	0.5	0.3
Diseases of heart (I00-I09, I11, I13, I20-I51)	5	4	1	0.2	0.4	0.1
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0.0	0.0	0.0
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-3 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	0	0	0	0.0	0.0	0.0
Acute myocardial infarction (I21-I22)	0	0	0	0.0	0.0	0.0
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	0	0	0	0.0	0.0	0.0
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0.0	0.0	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	0	0	0	0.0	0.0	0.0
Other heart diseases (I26-I51)	5	4	1	0.2	0.4	0.1
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	1	0	0.0	0.1	0.0
Heart failure (I50)	0	0	0	0.0	0.0	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	4	3	1	0.2	0.3	0.1
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
Other diseases of circulatory system (I71-I78)	0	0	0	0.0	0.0	0.0
Aortic aneurysm and dissection (I71)	0	0	0	0.0	0.0	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0.0	0.0	0.0
Other disorders of circulatory system (I80-I99)	0	0	0	0.0	0.0	0.0
Influenza and pneumonia (J10-J18)	1	1	0	0.0	0.1	0.0
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	1	1	0	0.0	0.1	0.0
Other acute lower respiratory infections (J20-J22)	1	1	0	0.0	0.1	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	1	1	0	0.0	0.1	0.0
Chronic lower respiratory diseases (J40-J47)	1	0	1	0.0	0.0	0.1
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)	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	0	2	0.1	0.0	0.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2	2	0	0.1	0.2	0.0
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0.0	0.0	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	0	0.0	0.0	0.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0
Renal failure (N17-N19)	0	0	0	0.0	0.0	0.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	2	0	2	0.1	0.0	0.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	24	15	9	1.2	1.4	0.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	6	3	3	0.3	0.3	0.3
All other diseases (residual) ¹¹	43	21	22	2.1	2.0	2.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	86	60	26	4.2	5.7	2.6
Transport accidents (V01-V99, Y85)	57	41	16	2.8	3.9	1.6
Motor vehicle accidents ¹²	53	37	16	2.6	3.5	1.6
Other land transport accidents ¹³	3	3	0	0.1	0.3	0.0

See footnotes at the end of the table.

Table 2-3 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	1	1	0	0.0	0.1	0.0
Nontransport accidents (W00-X59, Y86)	29	19	10	1.4	1.8	1.0
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)	8	6	2	0.4	0.6	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	8	6	2	0.4	0.6	0.2
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)	12	6	6	0.6	0.6	0.6
Intentional self-harm (suicide) (X60-X84, Y87.0)	0	0	0	0.0	0.0	0.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	0	0.0	0.0	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	0	0	0	0.0	0.0	0.0
Assault (homicide) (X85-Y09, Y87.1)	4	1	3	0.2	0.1	0.3
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)	2	0	2	0.1	0.0	0.2
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	0	0	0	0.0	0.0	0.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	0	0	0	0.0	0.0	0.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	2	1	1	0.1	0.1	0.1

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See Data quality, concepts and methodology — 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, Canada¹ — 10 to 14 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	329	190	139	16.1	18.1	13.9
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	3	0	3	0.1	0.0	0.3
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	1	1	0	0.0	0.1	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	2	0	2	0.1	0.0	0.2
Malignant neoplasms (C00-C97)	41	26	15	2.0	2.5	1.5
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)	14	9	5	0.7	0.9	0.5
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	17	12	5	0.8	1.1	0.5
Hodgkin's disease (C81)	1	1	0	0.0	0.1	0.0
Non-Hodgkin's lymphoma (C82-C85)	2	1	1	0.1	0.1	0.1
Leukaemia (C91-C95)	14	10	4	0.7	1.0	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)	10	5	5	0.5	0.5	0.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	4	1	3	0.2	0.1	0.3
Anaemias (D50-D64)	2	0	2	0.1	0.0	0.2
Diabetes mellitus (E10-E14)	3	2	1	0.1	0.2	0.1
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	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
Major cardiovascular diseases (I00-I78)	14	5	9	0.7	0.5	0.9
Diseases of heart (I00-I09, I11, I13, I20-I51)	10	4	6	0.5	0.4	0.6
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	1	1	0	0.0	0.1	0.0
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-4 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	0	0	0	0.0	0.0	0.0
Acute myocardial infarction (I21-I22)	0	0	0	0.0	0.0	0.0
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	0	0	0	0.0	0.0	0.0
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0.0	0.0	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	0	0	0	0.0	0.0	0.0
Other heart diseases (I26-I51)	9	3	6	0.4	0.3	0.6
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)	9	3	6	0.4	0.3	0.6
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	0.2	0.1	0.3
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	0	0	0	0.0	0.0	0.0
Aortic aneurysm and dissection (I71)	0	0	0	0.0	0.0	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0.0	0.0	0.0
Other disorders of circulatory system (I80-I99)	0	0	0	0.0	0.0	0.0
Influenza and pneumonia (J10-J18)	1	1	0	0.0	0.1	0.0
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	1	1	0	0.0	0.1	0.0
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	1	0	1	0.0	0.0	0.1
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)	0	0	0	0.0	0.0	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	1	0	1	0.0	0.0	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	3	1	2	0.1	0.1	0.2
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0.0	0.0	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	0	0.0	0.0	0.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0
Renal failure (N17-N19)	0	0	0	0.0	0.0	0.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	1	0	1	0.0	0.0	0.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	19	13	6	0.9	1.2	0.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	11	5	6	0.5	0.5	0.6
All other diseases (residual) ¹¹	39	17	22	1.9	1.6	2.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	127	83	44	6.2	7.9	4.4
Transport accidents (V01-V99, Y85)	81	48	33	4.0	4.6	3.3
Motor vehicle accidents ¹²	71	41	30	3.5	3.9	3.0
Other land transport accidents ¹³	6	5	1	0.3	0.5	0.1

See footnotes at the end of the table.

Table 2-4 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	4	2	2	0.2	0.2	0.2
Nontransport accidents (W00-X59, Y86)	46	35	11	2.2	3.3	1.1
Falls (W00-W19)	4	2	2	0.2	0.2	0.2
Accidental discharge of firearms (W32-W34)	2	2	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	16	13	3	0.8	1.2	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	7	5	2	0.3	0.5	0.2
Accidental poisoning and exposure to noxious substances (X40-X49)	4	3	1	0.2	0.3	0.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	13	10	3	0.6	1.0	0.3
Intentional self-harm (suicide) (X60-X84, Y87.0)	46	29	17	2.2	2.8	1.7
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	6	5	1	0.3	0.5	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	40	24	16	2.0	2.3	1.6
Assault (homicide) (X85-Y09, Y87.1)	5	2	3	0.2	0.2	0.3
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	2	3	0.2	0.2	0.3
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	4	4	0	0.2	0.4	0.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	4	4	0	0.2	0.4	0.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0.0	0.0	0.0

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

2. Age attained at the last birthday preceding death.

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

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

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

6. The population estimates used for the 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).

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

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

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

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

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

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

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

Note: See *Data quality, concepts and methodology* — 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, Canada¹ — 15 to 19 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	1,049	712	337	50.6	66.9	33.4
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	7	3	4	0.3	0.3	0.4
Septicaemia (A40-A41)	1	0	1	0.0	0.0	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	1	0	0.0	0.1	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	4	2	2	0.2	0.2	0.2
Malignant neoplasms (C00-C97)	82	43	39	4.0	4.0	3.9
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	1	0	1	0.0	0.0	0.1
Malignant neoplasms of colon, rectum and anus (C18-C21)	2	1	1	0.1	0.1	0.1
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	2	0	2	0.1	0.0	0.2
Malignant neoplasm of pancreas (C25)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1	1	0	0.0	0.1	0.0
Malignant melanoma of skin (C43)	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)	...	...	3	...	...	0.3
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	6	6	0	0.3	0.6	0.0
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	39	20	19	1.9	1.9	1.9
Hodgkin's disease (C81)	3	1	2	0.1	0.1	0.2
Non-Hodgkin's lymphoma (C82-C85)	11	5	6	0.5	0.5	0.6
Leukaemia (C91-C95)	25	14	11	1.2	1.3	1.1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	25	12	13	1.2	1.1	1.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	6	1	5	0.3	0.1	0.5
Anaemias (D50-D64)	1	1	0	0.0	0.1	0.0
Diabetes mellitus (E10-E14)	3	2	1	0.1	0.2	0.1
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	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
Major cardiovascular diseases (I00-I78)	32	18	14	1.5	1.7	1.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	26	14	12	1.3	1.3	1.2
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0.0	0.0	0.0
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-5 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	2	0	2	0.1	0.0	0.2
Acute myocardial infarction (I21-I22)	1	0	1	0.0	0.0	0.1
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	1	0	1	0.0	0.0	0.1
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0.0	0.0	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1	0	1	0.0	0.0	0.1
Other heart diseases (I26-I51)	24	14	10	1.2	1.3	1.0
Acute and subacute endocarditis (I33)	1	0	1	0.0	0.0	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0.0	0.0	0.0
Heart failure (I50)	2	1	1	0.1	0.1	0.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	21	13	8	1.0	1.2	0.8
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	5	3	2	0.2	0.3	0.2
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	1	1	0	0.0	0.1	0.0
Aortic aneurysm and dissection (I71)	0	0	0	0.0	0.0	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	1	1	0	0.0	0.1	0.0
Other disorders of circulatory system (I80-I99)	0	0	0	0.0	0.0	0.0
Influenza and pneumonia (J10-J18)	3	2	1	0.1	0.2	0.1
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	3	2	1	0.1	0.2	0.1
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	5	3	2	0.2	0.3	0.2
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	5	3	2	0.2	0.3	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)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	2	2	0	0.1	0.2	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2	1	1	0.1	0.1	0.1
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0.0	0.0	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	1	0	1	0.0	0.0	0.1
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0
Renal failure (N17-N19)	1	0	1	0.0	0.0	0.1
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	1	...	...	0.1
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	1	...	...	0.1
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	22	15	7	1.1	1.4	0.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	33	18	15	1.6	1.7	1.5
All other diseases (residual) ¹¹	62	37	25	3.0	3.5	2.5
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	502	350	152	24.2	32.9	15.1
Transport accidents (V01-V99, Y85)	390	261	129	18.8	24.5	12.8
Motor vehicle accidents ¹²	340	230	110	16.4	21.6	10.9
Other land transport accidents ¹³	40	22	18	1.9	2.1	1.8

See footnotes at the end of the table.

Table 2-5 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	10	9	1	0.5	0.8	0.1
Nontransport accidents (W00-X59, Y86)	112	89	23	5.4	8.4	2.3
Falls (W00-W19)	14	11	3	0.7	1.0	0.3
Accidental discharge of firearms (W32-W34)	2	2	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	25	21	4	1.2	2.0	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	7	5	2	0.3	0.5	0.2
Accidental poisoning and exposure to noxious substances (X40-X49)	25	21	4	1.2	2.0	0.4
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	39	29	10	1.9	2.7	1.0
Intentional self-harm (suicide) (X60-X84, Y87.0)	225	173	52	10.9	16.3	5.2
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	43	37	6	2.1	3.5	0.6
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	182	136	46	8.8	12.8	4.6
Assault (homicide) (X85-Y09, Y87.1)	41	30	11	2.0	2.8	1.1
Assault (homicide) by discharge of firearms (X93-X95)	16	14	2	0.8	1.3	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	25	16	9	1.2	1.5	0.9
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	11	10	1	0.5	0.9	0.1
Discharge of firearms, undetermined intent (Y22-Y24)	4	4	0	0.2	0.4	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	7	6	1	0.3	0.6	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)	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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See Data quality, concepts and methodology — 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, Canada¹ — 20 to 24 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	1,318	958	360	63.2	89.9	35.3
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	1	0	1	0.0	0.0	0.1
Septicaemia (A40-A41)	3	1	2	0.1	0.1	0.2
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	1	0	1	0.0	0.0	0.1
Human immunodeficiency virus [HIV] disease (B20-B24)	3	1	2	0.1	0.1	0.2
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	3	2	1	0.1	0.2	0.1
Malignant neoplasms (C00-C97)	113	76	37	5.4	7.1	3.6
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	1	1	0	0.0	0.1	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	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)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2	0	2	0.1	0.0	0.2
Malignant melanoma of skin (C43)	4	3	1	0.2	0.3	0.1
Malignant neoplasm of breast (C50)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of cervix uteri (C53)	...	...	3	...	...	0.3
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)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	14	12	2	0.7	1.1	0.2
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	51	35	16	2.4	3.3	1.6
Hodgkin's disease (C81)	9	5	4	0.4	0.5	0.4
Non-Hodgkin's lymphoma (C82-C85)	9	9	0	0.4	0.8	0.0
Leukaemia (C91-C95)	33	21	12	1.6	2.0	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)	30	19	11	1.4	1.8	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)	1	0	1	0.0	0.0	0.1
Diabetes mellitus (E10-E14)	5	2	3	0.2	0.2	0.3
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	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
Major cardiovascular diseases (I00-I78)	56	34	22	2.7	3.2	2.2
Diseases of heart (I00-I09, I11, I13, I20-I51)	36	21	15	1.7	2.0	1.5
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0.0	0.0	0.0
Hypertensive heart disease (I11)	1	1	0	0.0	0.1	0.0

See footnotes at the end of the table.

Table 2-6 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	4	3	1	0.2	0.3	0.1
Acute myocardial infarction (I21-I22)	0	0	0	0.0	0.0	0.0
Other acute ischaemic heart diseases (I24)	1	1	0	0.0	0.1	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	3	2	1	0.1	0.2	0.1
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0.0	0.0	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3	2	1	0.1	0.2	0.1
Other heart diseases (I26-I51)	31	17	14	1.5	1.6	1.4
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	1	1	0.1	0.1	0.1
Heart failure (I50)	1	1	0	0.0	0.1	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	28	15	13	1.3	1.4	1.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1	0	1	0.0	0.0	0.1
Cerebrovascular diseases (I60-I69)	10	5	5	0.5	0.5	0.5
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	9	8	1	0.4	0.8	0.1
Aortic aneurysm and dissection (I71)	6	5	1	0.3	0.5	0.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	3	3	0	0.1	0.3	0.0
Other disorders of circulatory system (I80-I99)	3	0	3	0.1	0.0	0.3
Influenza and pneumonia (J10-J18)	7	1	6	0.3	0.1	0.6
Influenza (J10-J11)	1	0	1	0.0	0.0	0.1
Pneumonia (J12-J18)	6	1	5	0.3	0.1	0.5
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	13	7	6	0.6	0.7	0.6
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	1	0	1	0.0	0.0	0.1
Asthma (J45-J46)	10	6	4	0.5	0.6	0.4
Other chronic lower respiratory diseases (J44, J47)	2	1	1	0.1	0.1	0.1
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	2	2	0	0.1	0.2	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2	1	1	0.1	0.1	0.1
Peptic ulcer (K25-K28)	1	0	1	0.0	0.0	0.1
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	1	1	0	0.0	0.1	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	2	0	2	0.1	0.0	0.2
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
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
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	1	1	0	0.0	0.1	0.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0
Renal failure (N17-N19)	1	1	0	0.0	0.1	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)	2	1	1	0.1	0.1	0.1
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	2	...	...	0.2
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	2	...	...	0.2
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	31	13	18	1.5	1.2	1.8
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	61	48	13	2.9	4.5	1.3
All other diseases (residual) ¹¹	88	49	39	4.2	4.6	3.8
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	516	398	118	24.7	37.3	11.6
Transport accidents (V01-V99, Y85)	384	289	95	18.4	27.1	9.3
Motor vehicle accidents ¹²	338	254	84	16.2	23.8	8.2
Other land transport accidents ¹³	35	27	8	1.7	2.5	0.8

See footnotes at the end of the table.

Table 2-6 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	11	8	3	0.5	0.8	0.3
Nontransport accidents (W00-X59, Y86)	132	109	23	6.3	10.2	2.3
Falls (W00-W19)	11	11	0	0.5	1.0	0.0
Accidental discharge of firearms (W32-W34)	3	3	0	0.1	0.3	0.0
Accidental drowning and submersion (W65-W74)	21	17	4	1.0	1.6	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	8	4	4	0.4	0.4	0.4
Accidental poisoning and exposure to noxious substances (X40-X49)	45	35	10	2.2	3.3	1.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	44	39	5	2.1	3.7	0.5
Intentional self-harm (suicide) (X60-X84, Y87.0)	317	257	60	15.2	24.1	5.9
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	41	40	1	2.0	3.8	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	276	217	59	13.2	20.4	5.8
Assault (homicide) (X85-Y09, Y87.1)	50	39	11	2.4	3.7	1.1
Assault (homicide) by discharge of firearms (X93-X95)	21	17	4	1.0	1.6	0.4
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	29	22	7	1.4	2.1	0.7
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	22	18	4	1.1	1.7	0.4
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	22	18	4	1.1	1.7	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)	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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).

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

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

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

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

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

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

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

Note: See *Data quality, concepts and methodology* — 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, Canada¹ — 25 to 29 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	1,220	860	360	57.7	80.4	34.5
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0
Tuberculosis (A16-A19)	2	1	1	0.1	0.1	0.1
Respiratory tuberculosis (A16)	1	1	0	0.0	0.1	0.0
Other tuberculosis (A17-A19)	1	0	1	0.0	0.0	0.1
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	1	0	1	0.0	0.0	0.1
Septicaemia (A40-A41)	3	3	0	0.1	0.3	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)	20	11	9	0.9	1.0	0.9
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	6	3	3	0.3	0.3	0.3
Malignant neoplasms (C00-C97)	142	72	70	6.7	6.7	6.7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	3	2	1	0.1	0.2	0.1
Malignant neoplasm of oesophagus (C15)	1	0	1	0.0	0.0	0.1
Malignant neoplasm of stomach (C16)	5	2	3	0.2	0.2	0.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	6	4	2	0.3	0.4	0.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	3	1	2	0.1	0.1	0.2
Malignant neoplasm of pancreas (C25)	2	2	0	0.1	0.2	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)	6	3	3	0.3	0.3	0.3
Malignant melanoma of skin (C43)	8	5	3	0.4	0.5	0.3
Malignant neoplasm of breast (C50)	2	0	2	0.1	0.0	0.2
Malignant neoplasm of cervix uteri (C53)	...	...	5	...	...	0.5
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	1	...	...	0.1
Malignant neoplasm of ovary (C56)	...	...	5	...	...	0.5
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	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)	16	7	9	0.8	0.7	0.9
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	45	29	16	2.1	2.7	1.5
Hodgkin's disease (C81)	9	6	3	0.4	0.6	0.3
Non-Hodgkin's lymphoma (C82-C85)	14	9	5	0.7	0.8	0.5
Leukaemia (C91-C95)	22	14	8	1.0	1.3	0.8
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	30	14	16	1.4	1.3	1.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	4	1	3	0.2	0.1	0.3
Anaemias (D50-D64)	4	4	0	0.2	0.4	0.0
Diabetes mellitus (E10-E14)	13	8	5	0.6	0.7	0.5
Nutritional deficiencies (E40-E64)	1	0	1	0.0	0.0	0.1
Malnutrition (E40-E46)	1	0	1	0.0	0.0	0.1
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	0	0	0	0.0	0.0	0.0
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	72	48	24	3.4	4.5	2.3
Diseases of heart (I00-I09, I11, I13, I20-I51)	53	39	14	2.5	3.6	1.3
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0.0	0.0	0.0
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-7 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	19	12	7	0.9	1.1	0.7
Acute myocardial infarction (I21-I22)	10	7	3	0.5	0.7	0.3
Other acute ischaemic heart diseases (I24)	2	0	2	0.1	0.0	0.2
Other forms of chronic ischaemic heart disease (I20, I25)	7	5	2	0.3	0.5	0.2
Atherosclerotic cardiovascular disease, so described (I25.0)	1	1	0	0.0	0.1	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	6	4	2	0.3	0.4	0.2
Other heart diseases (I26-I51)	34	27	7	1.6	2.5	0.7
Acute and subacute endocarditis (I33)	1	0	1	0.0	0.0	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	2	0	0.1	0.2	0.0
Heart failure (I50)	2	1	1	0.1	0.1	0.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	29	24	5	1.4	2.2	0.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	16	7	9	0.8	0.7	0.9
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	3	2	1	0.1	0.2	0.1
Aortic aneurysm and dissection (I71)	3	2	1	0.1	0.2	0.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0.0	0.0	0.0
Other disorders of circulatory system (I80-I99)	2	1	1	0.1	0.1	0.1
Influenza and pneumonia (J10-J18)	7	4	3	0.3	0.4	0.3
Influenza (J10-J11)	1	1	0	0.0	0.1	0.0
Pneumonia (J12-J18)	6	3	3	0.3	0.3	0.3
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	6	1	5	0.3	0.1	0.5
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	1	0	1	0.0	0.0	0.1
Asthma (J45-J46)	5	1	4	0.2	0.1	0.4
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0.0	0.0	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	3	2	1	0.1	0.2	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	4	2	2	0.2	0.2	0.2
Peptic ulcer (K25-K28)	1	1	0	0.0	0.1	0.0
Diseases of appendix (K35-K38)	1	1	0	0.0	0.1	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	1	1	0	0.0	0.1	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	1	1	0	0.0	0.1	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	1	0	1	0.0	0.0	0.1
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	3	2	1	0.1	0.2	0.1
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0
Renal failure (N17-N19)	2	1	1	0.1	0.1	0.1
Other disorders of kidney (N25, N27)	1	1	0	0.0	0.1	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	2	...	...	0.2
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	2	...	...	0.2
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	18	8	10	0.9	0.7	1.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	61	45	16	2.9	4.2	1.5
All other diseases (residual) ¹¹	90	41	49	4.3	3.8	4.7
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	390	313	77	18.5	29.3	7.4
Transport accidents (V01-V99, Y85)	251	202	49	11.9	18.9	4.7
Motor vehicle accidents ¹²	207	168	39	9.8	15.7	3.7
Other land transport accidents ¹³	28	20	8	1.3	1.9	0.8

See footnotes at the end of the table.

Table 2-7 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	16	14	2	0.8	1.3	0.2
Nontransport accidents (W00-X59, Y86)	139	111	28	6.6	10.4	2.7
Falls (W00-W19)	6	4	2	0.3	0.4	0.2
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	15	15	0	0.7	1.4	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	9	6	3	0.4	0.6	0.3
Accidental poisoning and exposure to noxious substances (X40-X49)	70	50	20	3.3	4.7	1.9
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	39	36	3	1.8	3.4	0.3
Intentional self-harm (suicide) (X60-X84, Y87.0)	279	218	61	13.2	20.4	5.8
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	44	40	4	2.1	3.7	0.4
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	235	178	57	11.1	16.6	5.5
Assault (homicide) (X85-Y09, Y87.1)	52	43	9	2.5	4.0	0.9
Assault (homicide) by discharge of firearms (X93-X95)	22	21	1	1.0	2.0	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	30	22	8	1.4	2.1	0.8
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	26	22	4	1.2	2.1	0.4
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	26	22	4	1.2	2.1	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)	4	3	1	0.2	0.3	0.1

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

2. Age attained at the last birthday preceding death.

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

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

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

6. The population estimates used for the 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).

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

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

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

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

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

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

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

Note: See Data quality, concepts and methodology — 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, Canada¹ — 30 to 34 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	1,645	1,120	525	72.0	97.1	46.4
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0
Tuberculosis (A16-A19)	2	1	1	0.1	0.1	0.1
Respiratory tuberculosis (A16)	2	1	1	0.1	0.1	0.1
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	7	2	5	0.3	0.2	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)	1	1	0	0.0	0.1	0.0
Viral hepatitis (B15-B19)	3	1	2	0.1	0.1	0.2
Human immunodeficiency virus [HIV] disease (B20-B24)	58	47	11	2.5	4.1	1.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	4	3	1	0.2	0.3	0.1
Malignant neoplasms (C00-C97)	266	114	152	11.6	9.9	13.4
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	8	2	6	0.3	0.2	0.5
Malignant neoplasm of oesophagus (C15)	1	0	1	0.0	0.0	0.1
Malignant neoplasm of stomach (C16)	9	7	2	0.4	0.6	0.2
Malignant neoplasms of colon, rectum and anus (C18-C21)	16	8	8	0.7	0.7	0.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	3	3	0	0.1	0.3	0.0
Malignant neoplasm of pancreas (C25)	4	2	2	0.2	0.2	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)	8	3	5	0.3	0.3	0.4
Malignant melanoma of skin (C43)	14	7	7	0.6	0.6	0.6
Malignant neoplasm of breast (C50)	38	0	38	1.7	0.0	3.4
Malignant neoplasm of cervix uteri (C53)	...	...	16	...	...	1.4
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	1	...	...	0.1
Malignant neoplasm of ovary (C56)	...	...	9	...	...	0.8
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	4	2	2	0.2	0.2	0.2
Malignant neoplasm of bladder (C67)	2	2	0	0.1	0.2	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	38	25	13	1.7	2.2	1.1
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	54	29	25	2.4	2.5	2.2
Hodgkin's disease (C81)	3	1	2	0.1	0.1	0.2
Non-Hodgkin's lymphoma (C82-C85)	23	12	11	1.0	1.0	1.0
Leukaemia (C91-C95)	27	15	12	1.2	1.3	1.1
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)	41	24	17	1.8	2.1	1.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	11	5	6	0.5	0.4	0.5
Anaemias (D50-D64)	3	3	0	0.1	0.3	0.0
Diabetes mellitus (E10-E14)	26	19	7	1.1	1.6	0.6
Nutritional deficiencies (E40-E64)	1	0	1	0.0	0.0	0.1
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	1	0	1	0.0	0.0	0.1
Meningitis (G00, G03)	4	2	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)	0	0	0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	122	75	47	5.3	6.5	4.2
Diseases of heart (I00-I09, I11, I13, I20-I51)	89	59	30	3.9	5.1	2.7
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 2-8 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	40	29	11	1.7	2.5	1.0
Acute myocardial infarction (I21-I22)	18	12	6	0.8	1.0	0.5
Other acute ischaemic heart diseases (I24)	1	1	0	0.0	0.1	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	21	16	5	0.9	1.4	0.4
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)	21	16	5	0.9	1.4	0.4
Other heart diseases (I26-I51)	49	30	19	2.1	2.6	1.7
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	1	1	0.1	0.1	0.1
Heart failure (I50)	2	1	1	0.1	0.1	0.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	45	28	17	2.0	2.4	1.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	3	3	0	0.1	0.3	0.0
Cerebrovascular diseases (I60-I69)	18	11	7	0.8	1.0	0.6
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	12	2	10	0.5	0.2	0.9
Aortic aneurysm and dissection (I71)	8	2	6	0.3	0.2	0.5
Other diseases of arteries, arterioles and capillaries (I72-I78)	4	0	4	0.2	0.0	0.4
Other disorders of circulatory system (I80-I99)	0	0	0	0.0	0.0	0.0
Influenza and pneumonia (J10-J18)	11	8	3	0.5	0.7	0.3
Influenza (J10-J11)	1	1	0	0.0	0.1	0.0
Pneumonia (J12-J18)	10	7	3	0.4	0.6	0.3
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	6	1	5	0.3	0.1	0.4
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	4	1	3	0.2	0.1	0.3
Other chronic lower respiratory diseases (J44, J47)	2	0	2	0.1	0.0	0.2
Pneumoconioses and chemical effects (J60-J66, J68)	1	0	1	0.0	0.0	0.1
Pneumonitis due to solids and liquids (J69)	1	1	0	0.0	0.1	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	10	5	5	0.4	0.4	0.4
Peptic ulcer (K25-K28)	1	1	0	0.0	0.1	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	10	8	2	0.4	0.7	0.2
Alcoholic liver disease (K70)	7	5	2	0.3	0.4	0.2
Other chronic liver disease and cirrhosis (K73-K74)	3	3	0	0.1	0.3	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	9	2	7	0.4	0.2	0.6
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	1	0	1	0.0	0.0	0.1
Renal failure (N17-N19)	8	2	6	0.3	0.2	0.5
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	5	...	...	0.4
Pregnancy with abortive outcome (O00-O07)	...	...	1	...	...	0.1
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	4	...	...	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)	24	15	9	1.0	1.3	0.8
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	62	48	14	2.7	4.2	1.2
All other diseases (residual) ¹¹	133	75	58	5.8	6.5	5.1
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	457	354	103	20.0	30.7	9.1
Transport accidents (V01-V99, Y85)	229	179	50	10.0	15.5	4.4
Motor vehicle accidents ¹²	187	147	40	8.2	12.7	3.5
Other land transport accidents ¹³	28	20	8	1.2	1.7	0.7

See footnotes at the end of the table.

Table 2-8 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	14	12	2	0.6	1.0	0.2
Nontransport accidents (W00-X59, Y86)	228	175	53	10.0	15.2	4.7
Falls (W00-W19)	18	16	2	0.8	1.4	0.2
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	16	15	1	0.7	1.3	0.1
Accidental exposure to smoke, fire and flames (X00-X09)	13	7	6	0.6	0.6	0.5
Accidental poisoning and exposure to noxious substances (X40-X49)	133	100	33	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)	48	37	11	2.1	3.2	1.0
Intentional self-harm (suicide) (X60-X84, Y87.0)	324	266	58	14.2	23.1	5.1
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	43	40	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)	281	226	55	12.3	19.6	4.9
Assault (homicide) (X85-Y09, Y87.1)	48	38	10	2.1	3.3	0.9
Assault (homicide) by discharge of firearms (X93-X95)	21	20	1	0.9	1.7	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	27	18	9	1.2	1.6	0.8
Legal intervention (Y35, Y89.0)	2	2	0	0.1	0.2	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	28	21	7	1.2	1.8	0.6
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	21	7	1.2	1.8	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)	5	2	3	0.2	0.2	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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).

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

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

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

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

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

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

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

Note: See *Data quality, concepts and methodology* — 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, Canada¹ — 35 to 39 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	2,681	1,740	941	99.4	128.0	70.4
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	1	1	0	0.0	0.1	0.0
Tuberculosis (A16-A19)	2	2	0	0.1	0.1	0.0
Respiratory tuberculosis (A16)	2	2	0	0.1	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)	1	1	0	0.0	0.1	0.0
Septicaemia (A40-A41)	11	6	5	0.4	0.4	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)	4	4	0	0.1	0.3	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	109	84	25	4.0	6.2	1.9
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	16	10	6	0.6	0.7	0.4
Malignant neoplasms (C00-C97)	606	229	377	22.5	16.9	28.2
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	14	6	8	0.5	0.4	0.6
Malignant neoplasm of oesophagus (C15)	13	12	1	0.5	0.9	0.1
Malignant neoplasm of stomach (C16)	14	6	8	0.5	0.4	0.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	43	21	22	1.6	1.5	1.6
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	11	6	5	0.4	0.4	0.4
Malignant neoplasm of pancreas (C25)	16	7	9	0.6	0.5	0.7
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	55	22	33	2.0	1.6	2.5
Malignant melanoma of skin (C43)	26	14	12	1.0	1.0	0.9
Malignant neoplasm of breast (C50)	121	1	120	4.5	0.1	9.0
Malignant neoplasm of cervix uteri (C53)	...	...	28	...	...	2.1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	5	...	...	0.4
Malignant neoplasm of ovary (C56)	...	...	17	...	...	1.3
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	15	11	4	0.6	0.8	0.3
Malignant neoplasm of bladder (C67)	6	2	4	0.2	0.1	0.3
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	54	31	23	2.0	2.3	1.7
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	83	44	39	3.1	3.2	2.9
Hodgkin's disease (C81)	6	5	1	0.2	0.4	0.1
Non-Hodgkin's lymphoma (C82-C85)	43	24	19	1.6	1.8	1.4
Leukaemia (C91-C95)	32	13	19	1.2	1.0	1.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	2	2	0	0.1	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)	85	46	39	3.2	3.4	2.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	8	6	2	0.3	0.4	0.1
Anaemias (D50-D64)	5	1	4	0.2	0.1	0.3
Diabetes mellitus (E10-E14)	46	32	14	1.7	2.4	1.0
Nutritional deficiencies (E40-E64)	1	0	1	0.0	0.0	0.1
Malnutrition (E40-E46)	1	0	1	0.0	0.0	0.1
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	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
Major cardiovascular diseases (I00-I78)	308	222	86	11.4	16.3	6.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	242	182	60	9.0	13.4	4.5
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	2	1	1	0.1	0.1	0.1
Hypertensive heart disease (I11)	4	3	1	0.1	0.2	0.1

See footnotes at the end of the table.

Table 2-9 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	2	2	0	0.1	0.1	0.0
Ischaemic heart diseases (I20-I25)	151	120	31	5.6	8.8	2.3
Acute myocardial infarction (I21-I22)	80	64	16	3.0	4.7	1.2
Other acute ischaemic heart diseases (I24)	1	1	0	0.0	0.1	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	70	55	15	2.6	4.0	1.1
Atherosclerotic cardiovascular disease, so described (I25.0)	1	1	0	0.0	0.1	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	69	54	15	2.6	4.0	1.1
Other heart diseases (I26-I51)	83	56	27	3.1	4.1	2.0
Acute and subacute endocarditis (I33)	1	1	0	0.0	0.1	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	1	1	0.1	0.1	0.1
Heart failure (I50)	7	6	1	0.3	0.4	0.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	73	48	25	2.7	3.5	1.9
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1	0	1	0.0	0.0	0.1
Cerebrovascular diseases (I60-I69)	54	31	23	2.0	2.3	1.7
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	11	9	2	0.4	0.7	0.1
Aortic aneurysm and dissection (I71)	6	6	0	0.2	0.4	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	5	3	2	0.2	0.2	0.1
Other disorders of circulatory system (I80-I99)	6	4	2	0.2	0.3	0.1
Influenza and pneumonia (J10-J18)	18	11	7	0.7	0.8	0.5
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	18	11	7	0.7	0.8	0.5
Other acute lower respiratory infections (J20-J22)	1	0	1	0.0	0.0	0.1
Acute bronchitis and bronchiolitis (J20-J21)	1	0	1	0.0	0.0	0.1
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	14	9	5	0.5	0.7	0.4
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)	11	8	3	0.4	0.6	0.2
Other chronic lower respiratory diseases (J44, J47)	3	1	2	0.1	0.1	0.1
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	5	5	0	0.2	0.4	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	25	18	7	0.9	1.3	0.5
Peptic ulcer (K25-K28)	3	1	2	0.1	0.1	0.1
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	49	28	21	1.8	2.1	1.6
Alcoholic liver disease (K70)	41	25	16	1.5	1.8	1.2
Other chronic liver disease and cirrhosis (K73-K74)	8	3	5	0.3	0.2	0.4
Cholelithiasis and other disorders of gallbladder (K80-K82)	1	0	1	0.0	0.0	0.1
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	15	6	9	0.6	0.4	0.7
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0
Renal failure (N17-N19)	15	6	9	0.6	0.4	0.7
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	2	0	2	0.1	0.0	0.1
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	1	...	...	0.1
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	1	...	...	0.1
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	29	14	15	1.1	1.0	1.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	106	82	24	3.9	6.0	1.8
All other diseases (residual) ¹¹	229	137	92	8.5	10.1	6.9
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	504	395	109	18.7	29.1	8.2
Transport accidents (V01-V99, Y85)	206	166	40	7.6	12.2	3.0
Motor vehicle accidents ¹²	170	133	37	6.3	9.8	2.8
Other land transport accidents ¹³	26	23	3	1.0	1.7	0.2

See footnotes at the end of the table.

Table 2-9 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	10	10	0	0.4	0.7	0.0
Nontransport accidents (W00-X59, Y86)	298	229	69	11.1	16.9	5.2
Falls (W00-W19)	33	29	4	1.2	2.1	0.3
Accidental discharge of firearms (W32-W34)	1	1	0	0.0	0.1	0.0
Accidental drowning and submersion (W65-W74)	23	20	3	0.9	1.5	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	14	10	4	0.5	0.7	0.3
Accidental poisoning and exposure to noxious substances (X40-X49)	150	105	45	5.6	7.7	3.4
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	77	64	13	2.9	4.7	1.0
Intentional self-harm (suicide) (X60-X84, Y87.0)	431	344	87	16.0	25.3	6.5
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	65	62	3	2.4	4.6	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	366	282	84	13.6	20.8	6.3
Assault (homicide) (X85-Y09, Y87.1)	63	45	18	2.3	3.3	1.3
Assault (homicide) by discharge of firearms (X93-X95)	23	19	4	0.9	1.4	0.3
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	40	26	14	1.5	1.9	1.0
Legal intervention (Y35, Y89.0)	2	2	0	0.1	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	53	37	16	2.0	2.7	1.2
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	53	37	16	2.0	2.7	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)	5	3	2	0.2	0.2	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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See Data quality, concepts and methodology — 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, Canada¹ — 40 to 44 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	3,888	2,432	1,456	148.9	186.2	111.6
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	1	0	1	0.0	0.0	0.1
Tuberculosis (A16-A19)	2	0	2	0.1	0.0	0.2
Respiratory tuberculosis (A16)	1	0	1	0.0	0.0	0.1
Other tuberculosis (A17-A19)	1	0	1	0.0	0.0	0.1
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	1	0	1	0.0	0.0	0.1
Septicaemia (A40-A41)	16	9	7	0.6	0.7	0.5
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)	14	14	0	0.5	1.1	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	113	100	13	4.3	7.7	1.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	23	16	7	0.9	1.2	0.5
Malignant neoplasms (C00-C97)	1,195	507	688	45.8	38.8	52.7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	32	22	10	1.2	1.7	0.8
Malignant neoplasm of oesophagus (C15)	14	13	1	0.5	1.0	0.1
Malignant neoplasm of stomach (C16)	42	23	19	1.6	1.8	1.5
Malignant neoplasms of colon, rectum and anus (C18-C21)	74	39	35	2.8	3.0	2.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	23	19	4	0.9	1.5	0.3
Malignant neoplasm of pancreas (C25)	47	30	17	1.8	2.3	1.3
Malignant neoplasm of larynx (C32)	5	5	0	0.2	0.4	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	242	103	139	9.3	7.9	10.7
Malignant melanoma of skin (C43)	40	22	18	1.5	1.7	1.4
Malignant neoplasm of breast (C50)	192	1	191	7.4	0.1	14.6
Malignant neoplasm of cervix uteri (C53)	...	...	32	...	...	2.5
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	9	...	...	0.7
Malignant neoplasm of ovary (C56)	...	...	31	...	...	2.4
Malignant neoplasm of prostate (C61)	...	3	...	...	0.2	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	22	15	7	0.8	1.1	0.5
Malignant neoplasm of bladder (C67)	12	9	3	0.5	0.7	0.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	97	58	39	3.7	4.4	3.0
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	114	69	45	4.4	5.3	3.4
Hodgkin's disease (C81)	7	5	2	0.3	0.4	0.2
Non-Hodgkin's lymphoma (C82-C85)	54	31	23	2.1	2.4	1.8
Leukaemia (C91-C95)	48	31	17	1.8	2.4	1.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	5	2	3	0.2	0.2	0.2
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	164	76	88	6.3	5.8	6.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	28	9	19	1.1	0.7	1.5
Anaemias (D50-D64)	2	0	2	0.1	0.0	0.2
Diabetes mellitus (E10-E14)	85	57	28	3.3	4.4	2.1
Nutritional deficiencies (E40-E64)	2	0	2	0.1	0.0	0.2
Malnutrition (E40-E46)	2	0	2	0.1	0.0	0.2
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	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
Major cardiovascular diseases (I00-I78)	610	443	167	23.4	33.9	12.8
Diseases of heart (I00-I09, I11, I13, I20-I51)	493	378	115	18.9	28.9	8.8
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	4	1	3	0.2	0.1	0.2
Hypertensive heart disease (I11)	9	7	2	0.3	0.5	0.2

See footnotes at the end of the table.

Table 2-10 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	1	1	0	0.0	0.1	0.0
Ischaemic heart diseases (I20-I25)	370	305	65	14.2	23.4	5.0
Acute myocardial infarction (I21-I22)	192	158	34	7.4	12.1	2.6
Other acute ischaemic heart diseases (I24)	11	9	2	0.4	0.7	0.2
Other forms of chronic ischaemic heart disease (I20, I25)	167	138	29	6.4	10.6	2.2
Atherosclerotic cardiovascular disease, so described (I25.0)	12	11	1	0.5	0.8	0.1
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	155	127	28	5.9	9.7	2.1
Other heart diseases (I26-I51)	109	64	45	4.2	4.9	3.4
Acute and subacute endocarditis (I33)	3	3	0	0.1	0.2	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	4	2	2	0.2	0.2	0.2
Heart failure (I50)	7	6	1	0.3	0.5	0.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	95	53	42	3.6	4.1	3.2
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	3	2	1	0.1	0.2	0.1
Cerebrovascular diseases (I60-I69)	94	47	47	3.6	3.6	3.6
Atherosclerosis (I70)	2	2	0	0.1	0.2	0.0
Other diseases of circulatory system (I71-I78)	18	14	4	0.7	1.1	0.3
Aortic aneurysm and dissection (I71)	12	11	1	0.5	0.8	0.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	6	3	3	0.2	0.2	0.2
Other disorders of circulatory system (I80-I99)	9	4	5	0.3	0.3	0.4
Influenza and pneumonia (J10-J18)	31	16	15	1.2	1.2	1.1
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	31	16	15	1.2	1.2	1.1
Other acute lower respiratory infections (J20-J22)	3	1	2	0.1	0.1	0.2
Acute bronchitis and bronchiolitis (J20-J21)	3	1	2	0.1	0.1	0.2
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	16	4	12	0.6	0.3	0.9
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	1	0	1	0.0	0.0	0.1
Asthma (J45-J46)	6	2	4	0.2	0.2	0.3
Other chronic lower respiratory diseases (J44, J47)	9	2	7	0.3	0.2	0.5
Pneumoconioses and chemical effects (J60-J66, J68)	1	0	1	0.0	0.0	0.1
Pneumonitis due to solids and liquids (J69)	6	4	2	0.2	0.3	0.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	28	20	8	1.1	1.5	0.6
Peptic ulcer (K25-K28)	8	7	1	0.3	0.5	0.1
Diseases of appendix (K35-K38)	2	0	2	0.1	0.0	0.2
Hernia (K40-K46)	3	2	1	0.1	0.2	0.1
Chronic liver disease and cirrhosis (K70, K73-K74)	101	73	28	3.9	5.6	2.1
Alcoholic liver disease (K70)	70	51	19	2.7	3.9	1.5
Other chronic liver disease and cirrhosis (K73-K74)	31	22	9	1.2	1.7	0.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	1	0	1	0.0	0.0	0.1
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	16	9	7	0.6	0.7	0.5
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	1	0	1	0.0	0.0	0.1
Renal failure (N17-N19)	15	9	6	0.6	0.7	0.5
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	1	0	1	0.0	0.0	0.1
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	2	...	...	0.2
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	33	17	16	1.3	1.3	1.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	118	89	29	4.5	6.8	2.2
All other diseases (residual) ¹¹	291	173	118	11.1	13.2	9.0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	513	385	128	19.6	29.5	9.8
Transport accidents (V01-V99, Y85)	242	169	73	9.3	12.9	5.6
Motor vehicle accidents ¹²	193	127	66	7.4	9.7	5.1
Other land transport accidents ¹³	25	20	5	1.0	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, Canada¹ — 40 to 44 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	24	22	2	0.9	1.7	0.2
Nontransport accidents (W00-X59, Y86)	271	216	55	10.4	16.5	4.2
Falls (W00-W19)	18	14	4	0.7	1.1	0.3
Accidental discharge of firearms (W32-W34)	1	1	0	0.0	0.1	0.0
Accidental drowning and submersion (W65-W74)	23	18	5	0.9	1.4	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	15	11	4	0.6	0.8	0.3
Accidental poisoning and exposure to noxious substances (X40-X49)	160	123	37	6.1	9.4	2.8
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	54	49	5	2.1	3.8	0.4
Intentional self-harm (suicide) (X60-X84, Y87.0)	492	387	105	18.8	29.6	8.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	79	74	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)	413	313	100	15.8	24.0	7.7
Assault (homicide) (X85-Y09, Y87.1)	58	41	17	2.2	3.1	1.3
Assault (homicide) by discharge of firearms (X93-X95)	20	14	6	0.8	1.1	0.5
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	38	27	11	1.5	2.1	0.8
Legal intervention (Y35, Y89.0)	2	2	0	0.1	0.2	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	55	41	14	2.1	3.1	1.1
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	55	41	14	2.1	3.1	1.1
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	5	2	3	0.2	0.2	0.2

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

2. Age attained at the last birthday preceding death.

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

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

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

6. The population estimates used for the 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).

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

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

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

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

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

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

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

Note: See *Data quality, concepts and methodology* — 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, Canada¹ — 45 to 49 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	5,214	3,205	2,009	224.9	277.3	172.9
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	0.2
Tuberculosis (A16-A19)	3	0	3	0.1	0.0	0.3
Respiratory tuberculosis (A16)	2	0	2	0.1	0.0	0.2
Other tuberculosis (A17-A19)	1	0	1	0.0	0.0	0.1
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	1	1	0	0.0	0.1	0.0
Septicaemia (A40-A41)	19	10	9	0.8	0.9	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	18	1	0.8	1.6	0.1
Human immunodeficiency virus [HIV] disease (B20-B24)	77	72	5	3.3	6.2	0.4
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	50	35	15	2.2	3.0	1.3
Malignant neoplasms (C00-C97)	1,914	849	1,065	82.6	73.4	91.7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	32	27	5	1.4	2.3	0.4
Malignant neoplasm of oesophagus (C15)	45	37	8	1.9	3.2	0.7
Malignant neoplasm of stomach (C16)	62	34	28	2.7	2.9	2.4
Malignant neoplasms of colon, rectum and anus (C18-C21)	165	95	70	7.1	8.2	6.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	55	42	13	2.4	3.6	1.1
Malignant neoplasm of pancreas (C25)	71	45	26	3.1	3.9	2.2
Malignant neoplasm of larynx (C32)	12	12	0	0.5	1.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	464	220	244	20.0	19.0	21.0
Malignant melanoma of skin (C43)	50	26	24	2.2	2.2	2.1
Malignant neoplasm of breast (C50)	284	2	282	12.3	0.2	24.3
Malignant neoplasm of cervix uteri (C53)	...	...	38	...	...	3.3
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	18	...	...	1.5
Malignant neoplasm of ovary (C56)	...	...	64	...	...	5.5
Malignant neoplasm of prostate (C61)	...	6	...	...	0.5	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	34	20	14	1.5	1.7	1.2
Malignant neoplasm of bladder (C67)	13	11	2	0.6	1.0	0.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	97	63	34	4.2	5.4	2.9
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	176	109	67	7.6	9.4	5.8
Hodgkin's disease (C81)	5	4	1	0.2	0.3	0.1
Non-Hodgkin's lymphoma (C82-C85)	95	60	35	4.1	5.2	3.0
Leukaemia (C91-C95)	60	37	23	2.6	3.2	2.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	16	8	8	0.7	0.7	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)	228	100	128	9.8	8.7	11.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	24	13	11	1.0	1.1	0.9
Anaemias (D50-D64)	2	2	0	0.1	0.2	0.0
Diabetes mellitus (E10-E14)	99	67	32	4.3	5.8	2.8
Nutritional deficiencies (E40-E64)	2	2	0	0.1	0.2	0.0
Malnutrition (E40-E46)	2	2	0	0.1	0.2	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	2	2	0	0.1	0.2	0.0
Parkinson's disease (G20-G21)	2	1	1	0.1	0.1	0.1
Alzheimer's disease (G30)	4	2	2	0.2	0.2	0.2
Major cardiovascular diseases (I00-I78)	1,019	770	249	44.0	66.6	21.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	807	643	164	34.8	55.6	14.1
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	11	6	5	0.5	0.5	0.4
Hypertensive heart disease (I11)	9	5	4	0.4	0.4	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, Canada¹ — 45 to 49 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	1	0	1	0.0	0.0	0.1
Ischaemic heart diseases (I20-I25)	627	524	103	27.1	45.3	8.9
Acute myocardial infarction (I21-I22)	345	287	58	14.9	24.8	5.0
Other acute ischaemic heart diseases (I24)	17	12	5	0.7	1.0	0.4
Other forms of chronic ischaemic heart disease (I20, I25)	265	225	40	11.4	19.5	3.4
Atherosclerotic cardiovascular disease, so described (I25.0)	15	15	0	0.6	1.3	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	250	210	40	10.8	18.2	3.4
Other heart diseases (I26-I51)	159	108	51	6.9	9.3	4.4
Acute and subacute endocarditis (I33)	8	4	4	0.3	0.3	0.3
Diseases of pericardium and acute myocarditis (I30-I31, I40)	7	6	1	0.3	0.5	0.1
Heart failure (I50)	15	13	2	0.6	1.1	0.2
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	129	85	44	5.6	7.4	3.8
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	5	4	1	0.2	0.3	0.1
Cerebrovascular diseases (I60-I69)	174	100	74	7.5	8.7	6.4
Atherosclerosis (I70)	6	6	0	0.3	0.5	0.0
Other diseases of circulatory system (I71-I78)	27	17	10	1.2	1.5	0.9
Aortic aneurysm and dissection (I71)	19	12	7	0.8	1.0	0.6
Other diseases of arteries, arterioles and capillaries (I72-I78)	8	5	3	0.3	0.4	0.3
Other disorders of circulatory system (I80-I99)	14	8	6	0.6	0.7	0.5
Influenza and pneumonia (J10-J18)	43	28	15	1.9	2.4	1.3
Influenza (J10-J11)	4	3	1	0.2	0.3	0.1
Pneumonia (J12-J18)	39	25	14	1.7	2.2	1.2
Other acute lower respiratory infections (J20-J22)	1	1	0	0.0	0.1	0.0
Acute bronchitis and bronchiolitis (J20-J21)	1	1	0	0.0	0.1	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	44	23	21	1.9	2.0	1.8
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	7	3	4	0.3	0.3	0.3
Asthma (J45-J46)	13	4	9	0.6	0.3	0.8
Other chronic lower respiratory diseases (J44, J47)	24	16	8	1.0	1.4	0.7
Pneumoconioses and chemical effects (J60-J66, J68)	2	1	1	0.1	0.1	0.1
Pneumonitis due to solids and liquids (J69)	10	7	3	0.4	0.6	0.3
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	30	18	12	1.3	1.6	1.0
Peptic ulcer (K25-K28)	12	9	3	0.5	0.8	0.3
Diseases of appendix (K35-K38)	1	1	0	0.0	0.1	0.0
Hernia (K40-K46)	2	1	1	0.1	0.1	0.1
Chronic liver disease and cirrhosis (K70, K73-K74)	163	123	40	7.0	10.6	3.4
Alcoholic liver disease (K70)	109	83	26	4.7	7.2	2.2
Other chronic liver disease and cirrhosis (K73-K74)	54	40	14	2.3	3.5	1.2
Cholelithiasis and other disorders of gallbladder (K80-K82)	2	2	0	0.1	0.2	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	34	21	13	1.5	1.8	1.1
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)	31	19	12	1.3	1.6	1.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	3	3	0	0.1	0.3	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	37	21	16	1.6	1.8	1.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	141	98	43	6.1	8.5	3.7
All other diseases (residual) ¹¹	420	235	185	18.1	20.3	15.9
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	531	413	118	22.9	35.7	10.2
Transport accidents (V01-V99, Y85)	227	169	58	9.8	14.6	5.0
Motor vehicle accidents ¹²	189	140	49	8.2	12.1	4.2
Other land transport accidents ¹³	24	17	7	1.0	1.5	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, Canada¹ — 45 to 49 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	14	12	2	0.6	1.0	0.2
Nontransport accidents (W00-X59, Y86)	304	244	60	13.1	21.1	5.2
Falls (W00-W19)	50	39	11	2.2	3.4	0.9
Accidental discharge of firearms (W32-W34)	1	1	0	0.0	0.1	0.0
Accidental drowning and submersion (W65-W74)	28	25	3	1.2	2.2	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	18	14	4	0.8	1.2	0.3
Accidental poisoning and exposure to noxious substances (X40-X49)	126	95	31	5.4	8.2	2.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	81	70	11	3.5	6.1	0.9
Intentional self-harm (suicide) (X60-X84, Y87.0)	399	286	113	17.2	24.7	9.7
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	79	74	5	3.4	6.4	0.4
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	320	212	108	13.8	18.3	9.3
Assault (homicide) (X85-Y09, Y87.1)	31	20	11	1.3	1.7	0.9
Assault (homicide) by discharge of firearms (X93-X95)	10	5	5	0.4	0.4	0.4
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	21	15	6	0.9	1.3	0.5
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	47	38	9	2.0	3.3	0.8
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)	46	37	9	2.0	3.2	0.8
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	6	3	3	0.3	0.3	0.3

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

2. Age attained at the last birthday preceding death.

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

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

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

6. The population estimates used for the 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).

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

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

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

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

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

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

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

Note: See Data quality, concepts and methodology — 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, Canada¹ — 50 to 54 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	7,475	4,482	2,993	365.9	440.3	291.9
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	3	2	1	0.1	0.2	0.1
Tuberculosis (A16-A19)	4	2	2	0.2	0.2	0.2
Respiratory tuberculosis (A16)	4	2	2	0.2	0.2	0.2
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	1	0	1	0.0	0.0	0.1
Septicaemia (A40-A41)	45	30	15	2.2	2.9	1.5
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)	22	20	2	1.1	2.0	0.2
Human immunodeficiency virus [HIV] disease (B20-B24)	58	53	5	2.8	5.2	0.5
Malaria (B50-B54)	1	1	0	0.0	0.1	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	39	20	19	1.9	2.0	1.9
Malignant neoplasms (C00-C97)	3,409	1,669	1,740	166.9	164.0	169.7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	75	57	18	3.7	5.6	1.8
Malignant neoplasm of oesophagus (C15)	102	87	15	5.0	8.5	1.5
Malignant neoplasm of stomach (C16)	90	51	39	4.4	5.0	3.8
Malignant neoplasms of colon, rectum and anus (C18-C21)	315	175	140	15.4	17.2	13.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	63	50	13	3.1	4.9	1.3
Malignant neoplasm of pancreas (C25)	160	86	74	7.8	8.4	7.2
Malignant neoplasm of larynx (C32)	25	21	4	1.2	2.1	0.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	875	488	387	42.8	47.9	37.7
Malignant melanoma of skin (C43)	56	36	20	2.7	3.5	2.0
Malignant neoplasm of breast (C50)	477	4	473	23.3	0.4	46.1
Malignant neoplasm of cervix uteri (C53)	...	...	45	...	...	4.4
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	36	...	...	3.5
Malignant neoplasm of ovary (C56)	...	...	94	...	...	9.2
Malignant neoplasm of prostate (C61)	...	28	...	...	2.8	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	90	64	26	4.4	6.3	2.5
Malignant neoplasm of bladder (C67)	49	37	12	2.4	3.6	1.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	155	102	53	7.6	10.0	5.2
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	268	155	113	13.1	15.2	11.0
Hodgkin's disease (C81)	10	8	2	0.5	0.8	0.2
Non-Hodgkin's lymphoma (C82-C85)	143	77	66	7.0	7.6	6.4
Leukaemia (C91-C95)	81	52	29	4.0	5.1	2.8
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	33	18	15	1.6	1.8	1.5
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	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)	406	228	178	19.9	22.4	17.4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	40	23	17	2.0	2.3	1.7
Anaemias (D50-D64)	3	2	1	0.1	0.2	0.1
Diabetes mellitus (E10-E14)	183	113	70	9.0	11.1	6.8
Nutritional deficiencies (E40-E64)	2	0	2	0.1	0.0	0.2
Malnutrition (E40-E46)	2	0	2	0.1	0.0	0.2
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	3	2	1	0.1	0.2	0.1
Parkinson's disease (G20-G21)	3	1	2	0.1	0.1	0.2
Alzheimer's disease (G30)	9	2	7	0.4	0.2	0.7
Major cardiovascular diseases (I00-I78)	1,630	1,214	416	79.8	119.3	40.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	1,351	1,067	284	66.1	104.8	27.7
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	12	6	6	0.6	0.6	0.6
Hypertensive heart disease (I11)	11	10	1	0.5	1.0	0.1

See footnotes at the end of the table.

Table 2-12 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0
Ischaemic heart diseases (I20-I25)	1,097	898	199	53.7	88.2	19.4
Acute myocardial infarction (I21-I22)	579	484	95	28.3	47.6	9.3
Other acute ischaemic heart diseases (I24)	31	23	8	1.5	2.3	0.8
Other forms of chronic ischaemic heart disease (I20, I25)	487	391	96	23.8	38.4	9.4
Atherosclerotic cardiovascular disease, so described (I25.0)	35	27	8	1.7	2.7	0.8
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	452	364	88	22.1	35.8	8.6
Other heart diseases (I26-I51)	231	153	78	11.3	15.0	7.6
Acute and subacute endocarditis (I33)	2	2	0	0.1	0.2	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	4	2	2	0.2	0.2	0.2
Heart failure (I50)	41	25	16	2.0	2.5	1.6
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	184	124	60	9.0	12.2	5.9
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	7	2	5	0.3	0.2	0.5
Cerebrovascular diseases (I60-I69)	224	112	112	11.0	11.0	10.9
Atherosclerosis (I70)	7	5	2	0.3	0.5	0.2
Other diseases of circulatory system (I71-I78)	41	28	13	2.0	2.8	1.3
Aortic aneurysm and dissection (I71)	25	17	8	1.2	1.7	0.8
Other diseases of arteries, arterioles and capillaries (I72-I78)	16	11	5	0.8	1.1	0.5
Other disorders of circulatory system (I80-I99)	21	11	10	1.0	1.1	1.0
Influenza and pneumonia (J10-J18)	58	40	18	2.8	3.9	1.8
Influenza (J10-J11)	3	2	1	0.1	0.2	0.1
Pneumonia (J12-J18)	55	38	17	2.7	3.7	1.7
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	102	48	54	5.0	4.7	5.3
Bronchitis, chronic and unspecified (J40-J42)	1	0	1	0.0	0.0	0.1
Emphysema (J43)	14	7	7	0.7	0.7	0.7
Asthma (J45-J46)	13	3	10	0.6	0.3	1.0
Other chronic lower respiratory diseases (J44, J47)	74	38	36	3.6	3.7	3.5
Pneumoconioses and chemical effects (J60-J66, J68)	1	0	1	0.0	0.0	0.1
Pneumonitis due to solids and liquids (J69)	5	2	3	0.2	0.2	0.3
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	54	34	20	2.6	3.3	2.0
Peptic ulcer (K25-K28)	13	11	2	0.6	1.1	0.2
Diseases of appendix (K35-K38)	1	0	1	0.0	0.0	0.1
Hernia (K40-K46)	6	3	3	0.3	0.3	0.3
Chronic liver disease and cirrhosis (K70, K73-K74)	204	142	62	10.0	14.0	6.0
Alcoholic liver disease (K70)	133	95	38	6.5	9.3	3.7
Other chronic liver disease and cirrhosis (K73-K74)	71	47	24	3.5	4.6	2.3
Cholelithiasis and other disorders of gallbladder (K80-K82)	5	2	3	0.2	0.2	0.3
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	37	21	16	1.8	2.1	1.6
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)	36	20	16	1.8	2.0	1.6
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	3	1	2	0.1	0.1	0.2
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	41	18	23	2.0	1.8	2.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	122	86	36	6.0	8.4	3.5
All other diseases (residual) ¹¹	535	318	217	26.2	31.2	21.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	419	305	114	20.5	30.0	11.1
Transport accidents (V01-V99, Y85)	178	128	50	8.7	12.6	4.9
Motor vehicle accidents ¹²	138	95	43	6.8	9.3	4.2
Other land transport accidents ¹³	20	16	4	1.0	1.6	0.4

See footnotes at the end of the table.

Table 2-12 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	20	17	3	1.0	1.7	0.3
Nontransport accidents (W00-X59, Y86)	241	177	64	11.8	17.4	6.2
Falls (W00-W19)	46	33	13	2.3	3.2	1.3
Accidental discharge of firearms (W32-W34)	3	3	0	0.1	0.3	0.0
Accidental drowning and submersion (W65-W74)	17	13	4	0.8	1.3	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	16	14	2	0.8	1.4	0.2
Accidental poisoning and exposure to noxious substances (X40-X49)	90	60	30	4.4	5.9	2.9
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	69	54	15	3.4	5.3	1.5
Intentional self-harm (suicide) (X60-X84, Y87.0)	325	237	88	15.9	23.3	8.6
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	68	64	4	3.3	6.3	0.4
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	257	173	84	12.6	17.0	8.2
Assault (homicide) (X85-Y09, Y87.1)	21	17	4	1.0	1.7	0.4
Assault (homicide) by discharge of firearms (X93-X95)	5	5	0	0.2	0.5	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	16	12	4	0.8	1.2	0.4
Legal intervention (Y35, Y89.0)	2	2	0	0.1	0.2	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	41	28	13	2.0	2.8	1.3
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)	39	26	13	1.9	2.6	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)	3	2	1	0.1	0.2	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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).

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

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

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

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

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

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

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

Note: See *Data quality, concepts and methodology* — 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, Canada¹ — 55 to 59 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	9,339	5,762	3,577	600.7	749.4	455.2
Salmonella infections (A01-A02)	1	0	1	0.1	0.0	0.1
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	3	2	1	0.2	0.3	0.1
Tuberculosis (A16-A19)	2	1	1	0.1	0.1	0.1
Respiratory tuberculosis (A16)	1	0	1	0.1	0.0	0.1
Other tuberculosis (A17-A19)	1	1	0	0.1	0.1	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	50	26	24	3.2	3.4	3.1
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	12	11	1	0.8	1.4	0.1
Human immunodeficiency virus [HIV] disease (B20-B24)	33	30	3	2.1	3.9	0.4
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	47	24	23	3.0	3.1	2.9
Malignant neoplasms (C00-C97)	4,440	2,369	2,071	285.6	308.1	263.5
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	81	67	14	5.2	8.7	1.8
Malignant neoplasm of oesophagus (C15)	121	111	10	7.8	14.4	1.3
Malignant neoplasm of stomach (C16)	109	79	30	7.0	10.3	3.8
Malignant neoplasms of colon, rectum and anus (C18-C21)	447	264	183	28.8	34.3	23.3
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	104	66	38	6.7	8.6	4.8
Malignant neoplasm of pancreas (C25)	191	109	82	12.3	14.2	10.4
Malignant neoplasm of larynx (C32)	42	36	6	2.7	4.7	0.8
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,375	765	610	88.4	99.5	77.6
Malignant melanoma of skin (C43)	66	46	20	4.2	6.0	2.5
Malignant neoplasm of breast (C50)	400	2	398	25.7	0.3	50.6
Malignant neoplasm of cervix uteri (C53)	...	...	31	...	...	3.9
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	42	...	...	5.3
Malignant neoplasm of ovary (C56)	...	...	130	...	...	16.5
Malignant neoplasm of prostate (C61)	...	78	...	...	10.1	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	119	80	39	7.7	10.4	5.0
Malignant neoplasm of bladder (C67)	52	40	12	3.3	5.2	1.5
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	160	100	60	10.3	13.0	7.6
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	369	237	132	23.7	30.8	16.8
Hodgkin's disease (C81)	12	8	4	0.8	1.0	0.5
Non-Hodgkin's lymphoma (C82-C85)	195	124	71	12.5	16.1	9.0
Leukaemia (C91-C95)	98	66	32	6.3	8.6	4.1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	64	39	25	4.1	5.1	3.2
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
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)	523	289	234	33.6	37.6	29.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	54	33	21	3.5	4.3	2.7
Anaemias (D50-D64)	6	3	3	0.4	0.4	0.4
Diabetes mellitus (E10-E14)	276	194	82	17.8	25.2	10.4
Nutritional deficiencies (E40-E64)	2	1	1	0.1	0.1	0.1
Malnutrition (E40-E46)	2	1	1	0.1	0.1	0.1
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	3	2	1	0.2	0.3	0.1
Parkinson's disease (G20-G21)	5	4	1	0.3	0.5	0.1
Alzheimer's disease (G30)	16	6	10	1.0	0.8	1.3
Major cardiovascular diseases (I00-I78)	2,324	1,733	591	149.5	225.4	75.2
Diseases of heart (I00-I09, I11, I13, I20-I51)	1,913	1,474	439	123.0	191.7	55.9
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	13	5	8	0.8	0.7	1.0
Hypertensive heart disease (I11)	13	8	5	0.8	1.0	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, Canada¹ — 55 to 59 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	1	1	0	0.1	0.1	0.0
Ischaemic heart diseases (I20-I25)	1,577	1,264	313	101.4	164.4	39.8
Acute myocardial infarction (I21-I22)	871	687	184	56.0	89.4	23.4
Other acute ischaemic heart diseases (I24)	26	21	5	1.7	2.7	0.6
Other forms of chronic ischaemic heart disease (I20, I25)	680	556	124	43.7	72.3	15.8
Atherosclerotic cardiovascular disease, so described (I25.0)	48	43	5	3.1	5.6	0.6
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	632	513	119	40.7	66.7	15.1
Other heart diseases (I26-I51)	309	196	113	19.9	25.5	14.4
Acute and subacute endocarditis (I33)	4	3	1	0.3	0.4	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	4	2	2	0.3	0.3	0.3
Heart failure (I50)	54	36	18	3.5	4.7	2.3
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	247	155	92	15.9	20.2	11.7
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	15	7	8	1.0	0.9	1.0
Cerebrovascular diseases (I60-I69)	297	179	118	19.1	23.3	15.0
Atherosclerosis (I70)	25	18	7	1.6	2.3	0.9
Other diseases of circulatory system (I71-I78)	74	55	19	4.8	7.2	2.4
Aortic aneurysm and dissection (I71)	53	44	9	3.4	5.7	1.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	21	11	10	1.4	1.4	1.3
Other disorders of circulatory system (I80-I99)	18	10	8	1.2	1.3	1.0
Influenza and pneumonia (J10-J18)	81	54	27	5.2	7.0	3.4
Influenza (J10-J11)	5	3	2	0.3	0.4	0.3
Pneumonia (J12-J18)	76	51	25	4.9	6.6	3.2
Other acute lower respiratory infections (J20-J22)	2	0	2	0.1	0.0	0.3
Acute bronchitis and bronchiolitis (J20-J21)	1	0	1	0.1	0.0	0.1
Unspecified acute lower respiratory infection (J22)	1	0	1	0.1	0.0	0.1
Chronic lower respiratory diseases (J40-J47)	188	98	90	12.1	12.7	11.5
Bronchitis, chronic and unspecified (J40-J42)	3	1	2	0.2	0.1	0.3
Emphysema (J43)	35	21	14	2.3	2.7	1.8
Asthma (J45-J46)	18	9	9	1.2	1.2	1.1
Other chronic lower respiratory diseases (J44, J47)	132	67	65	8.5	8.7	8.3
Pneumoconioses and chemical effects (J60-J66, J68)	5	5	0	0.3	0.7	0.0
Pneumonitis due to solids and liquids (J69)	15	4	11	1.0	0.5	1.4
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	57	36	21	3.7	4.7	2.7
Peptic ulcer (K25-K28)	8	5	3	0.5	0.7	0.4
Diseases of appendix (K35-K38)	2	1	1	0.1	0.1	0.1
Hernia (K40-K46)	4	4	0	0.3	0.5	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	229	176	53	14.7	22.9	6.7
Alcoholic liver disease (K70)	148	114	34	9.5	14.8	4.3
Other chronic liver disease and cirrhosis (K73-K74)	81	62	19	5.2	8.1	2.4
Cholelithiasis and other disorders of gallbladder (K80-K82)	11	5	6	0.7	0.7	0.8
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	57	40	17	3.7	5.2	2.2
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	1	0	0.1	0.1	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	1	0	1	0.1	0.0	0.1
Renal failure (N17-N19)	55	39	16	3.5	5.1	2.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	5	3	2	0.3	0.4	0.3
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	29	14	15	1.9	1.8	1.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	107	81	26	6.9	10.5	3.3
All other diseases (residual) ¹¹	626	338	288	40.3	44.0	36.6
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	360	257	103	23.2	33.4	13.1
Transport accidents (V01-V99, Y85)	157	112	45	10.1	14.6	5.7
Motor vehicle accidents ¹²	134	93	41	8.6	12.1	5.2
Other land transport accidents ¹³	17	13	4	1.1	1.7	0.5

See footnotes at the end of the table.

Table 2-13 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	6	6	0	0.4	0.8	0.0
Nontransport accidents (W00-X59, Y86)	203	145	58	13.1	18.9	7.4
Falls (W00-W19)	44	34	10	2.8	4.4	1.3
Accidental discharge of firearms (W32-W34)	2	2	0	0.1	0.3	0.0
Accidental drowning and submersion (W65-W74)	15	9	6	1.0	1.2	0.8
Accidental exposure to smoke, fire and flames (X00-X09)	17	12	5	1.1	1.6	0.6
Accidental poisoning and exposure to noxious substances (X40-X49)	54	33	21	3.5	4.3	2.7
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	71	55	16	4.6	7.2	2.0
Intentional self-harm (suicide) (X60-X84, Y87.0)	213	164	49	13.7	21.3	6.2
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	46	44	2	3.0	5.7	0.3
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	167	120	47	10.7	15.6	6.0
Assault (homicide) (X85-Y09, Y87.1)	11	8	3	0.7	1.0	0.4
Assault (homicide) by discharge of firearms (X93-X95)	5	4	1	0.3	0.5	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	6	4	2	0.4	0.5	0.3
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	29	18	11	1.9	2.3	1.4
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)	28	17	11	1.8	2.2	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)	8	2	6	0.5	0.3	0.8

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See Data quality, concepts and methodology — 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, Canada¹ — 60 to 64 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	12,206	7,607	4,599	970.2	1,235.9	715.7
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	6	1	5	0.5	0.2	0.8
Tuberculosis (A16-A19)	5	4	1	0.4	0.6	0.2
Respiratory tuberculosis (A16)	2	2	0	0.2	0.3	0.0
Other tuberculosis (A17-A19)	3	2	1	0.2	0.3	0.2
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	3	1	2	0.2	0.2	0.3
Septicaemia (A40-A41)	72	36	36	5.7	5.8	5.6
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)	5	2	3	0.4	0.3	0.5
Human immunodeficiency virus [HIV] disease (B20-B24)	14	12	2	1.1	1.9	0.3
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	47	26	21	3.7	4.2	3.3
Malignant neoplasms (C00-C97)	5,799	3,312	2,487	460.9	538.1	387.1
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	100	75	25	7.9	12.2	3.9
Malignant neoplasm of oesophagus (C15)	134	111	23	10.7	18.0	3.6
Malignant neoplasm of stomach (C16)	177	125	52	14.1	20.3	8.1
Malignant neoplasms of colon, rectum and anus (C18-C21)	597	389	208	47.5	63.2	32.4
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	114	77	37	9.1	12.5	5.8
Malignant neoplasm of pancreas (C25)	308	185	123	24.5	30.1	19.1
Malignant neoplasm of larynx (C32)	60	54	6	4.8	8.8	0.9
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,867	1,156	711	148.4	187.8	110.7
Malignant melanoma of skin (C43)	61	40	21	4.8	6.5	3.3
Malignant neoplasm of breast (C50)	469	3	466	37.3	0.5	72.5
Malignant neoplasm of cervix uteri (C53)	...	...	35	...	...	5.4
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	47	...	...	7.3
Malignant neoplasm of ovary (C56)	...	...	144	...	...	22.4
Malignant neoplasm of prostate (C61)	...	153	...	...	24.9	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	112	69	43	8.9	11.2	6.7
Malignant neoplasm of bladder (C67)	95	75	20	7.6	12.2	3.1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	188	112	76	14.9	18.2	11.8
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	458	290	168	36.4	47.1	26.1
Hodgkin's disease (C81)	9	7	2	0.7	1.1	0.3
Non-Hodgkin's lymphoma (C82-C85)	210	137	73	16.7	22.3	11.4
Leukaemia (C91-C95)	142	92	50	11.3	14.9	7.8
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	96	53	43	7.6	8.6	6.7
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)	680	398	282	54.1	64.7	43.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	92	56	36	7.3	9.1	5.6
Anaemias (D50-D64)	12	6	6	1.0	1.0	0.9
Diabetes mellitus (E10-E14)	388	252	136	30.8	40.9	21.2
Nutritional deficiencies (E40-E64)	8	5	3	0.6	0.8	0.5
Malnutrition (E40-E46)	3	2	1	0.2	0.3	0.2
Other nutritional deficiencies (E50-E64)	5	3	2	0.4	0.5	0.3
Meningitis (G00, G03)	2	2	0	0.2	0.3	0.0
Parkinson's disease (G20-G21)	22	14	8	1.7	2.3	1.2
Alzheimer's disease (G30)	43	18	25	3.4	2.9	3.9
Major cardiovascular diseases (I00-I78)	3,273	2,337	936	260.2	379.7	145.7
Diseases of heart (I00-I09, I11, I13, I20-I51)	2,641	1,933	708	209.9	314.0	110.2
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	35	10	25	2.8	1.6	3.9
Hypertensive heart disease (I11)	25	18	7	2.0	2.9	1.1

See footnotes at the end of the table.

Table 2-14 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	3	2	1	0.2	0.3	0.2
Ischaemic heart diseases (I20-I25)	2,196	1,656	540	174.6	269.0	84.0
Acute myocardial infarction (I21-I22)	1,171	877	294	93.1	142.5	45.8
Other acute ischaemic heart diseases (I24)	40	28	12	3.2	4.5	1.9
Other forms of chronic ischaemic heart disease (I20, I25)	985	751	234	78.3	122.0	36.4
Atherosclerotic cardiovascular disease, so described (I25.0)	94	72	22	7.5	11.7	3.4
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	891	679	212	70.8	110.3	33.0
Other heart diseases (I26-I51)	382	247	135	30.4	40.1	21.0
Acute and subacute endocarditis (I33)	5	4	1	0.4	0.6	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	9	4	5	0.7	0.6	0.8
Heart failure (I50)	80	51	29	6.4	8.3	4.5
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	288	188	100	22.9	30.5	15.6
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	21	9	12	1.7	1.5	1.9
Cerebrovascular diseases (I60-I69)	443	272	171	35.2	44.2	26.6
Atherosclerosis (I70)	13	9	4	1.0	1.5	0.6
Other diseases of circulatory system (I71-I78)	155	114	41	12.3	18.5	6.4
Aortic aneurysm and dissection (I71)	112	87	25	8.9	14.1	3.9
Other diseases of arteries, arterioles and capillaries (I72-I78)	43	27	16	3.4	4.4	2.5
Other disorders of circulatory system (I80-I99)	26	15	11	2.1	2.4	1.7
Influenza and pneumonia (J10-J18)	89	48	41	7.1	7.8	6.4
Influenza (J10-J11)	7	1	6	0.6	0.2	0.9
Pneumonia (J12-J18)	82	47	35	6.5	7.6	5.4
Other acute lower respiratory infections (J20-J22)	4	3	1	0.3	0.5	0.2
Acute bronchitis and bronchiolitis (J20-J21)	4	3	1	0.3	0.5	0.2
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	355	200	155	28.2	32.5	24.1
Bronchitis, chronic and unspecified (J40-J42)	1	1	0	0.1	0.2	0.0
Emphysema (J43)	44	23	21	3.5	3.7	3.3
Asthma (J45-J46)	14	7	7	1.1	1.1	1.1
Other chronic lower respiratory diseases (J44, J47)	296	169	127	23.5	27.5	19.8
Pneumoconioses and chemical effects (J60-J66, J68)	3	3	0	0.2	0.5	0.0
Pneumonitis due to solids and liquids (J69)	14	6	8	1.1	1.0	1.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	105	65	40	8.3	10.6	6.2
Peptic ulcer (K25-K28)	18	14	4	1.4	2.3	0.6
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	6	3	3	0.5	0.5	0.5
Chronic liver disease and cirrhosis (K70, K73-K74)	289	208	81	23.0	33.8	12.6
Alcoholic liver disease (K70)	161	124	37	12.8	20.1	5.8
Other chronic liver disease and cirrhosis (K73-K74)	128	84	44	10.2	13.6	6.8
Cholelithiasis and other disorders of gallbladder (K80-K82)	8	5	3	0.6	0.8	0.5
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	111	71	40	8.8	11.5	6.2
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	1	0	0.1	0.2	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	2	2	0	0.2	0.3	0.0
Renal failure (N17-N19)	108	68	40	8.6	11.0	6.2
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	2	1	1	0.2	0.2	0.2
Hyperplasia of prostate (N40)	...	2	...	...	0.3	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	21	7	14	1.7	1.1	2.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	118	80	38	9.4	13.0	5.9
All other diseases (residual) ¹¹	775	455	320	61.6	73.9	49.8
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	276	188	88	21.9	30.5	13.7
Transport accidents (V01-V99, Y85)	120	82	38	9.5	13.3	5.9
Motor vehicle accidents ¹²	105	70	35	8.3	11.4	5.4
Other land transport accidents ¹³	9	6	3	0.7	1.0	0.5

See footnotes at the end of the table.

Table 2-14 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	6	6	0	0.5	1.0	0.0
Nontransport accidents (W00-X59, Y86)	156	106	50	12.4	17.2	7.8
Falls (W00-W19)	42	31	11	3.3	5.0	1.7
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	10	10	0	0.8	1.6	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	7	4	3	0.6	0.6	0.5
Accidental poisoning and exposure to noxious substances (X40-X49)	33	17	16	2.6	2.8	2.5
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	64	44	20	5.1	7.1	3.1
Intentional self-harm (suicide) (X60-X84, Y87.0)	153	121	32	12.2	19.7	5.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	43	41	2	3.4	6.7	0.3
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	110	80	30	8.7	13.0	4.7
Assault (homicide) (X85-Y09, Y87.1)	14	10	4	1.1	1.6	0.6
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)	12	9	3	1.0	1.5	0.5
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	20	16	4	1.6	2.6	0.6
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)	19	15	4	1.5	2.4	0.6
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	5	2	3	0.4	0.3	0.5

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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).

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

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

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

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

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

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

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

Note: See *Data quality, concepts and methodology* — 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, Canada¹ — 65 to 69 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	17,878	11,086	6,792	1,570.4	2,024.1	1,149.8
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)	11	7	4	1.0	1.3	0.7
Tuberculosis (A16-A19)	8	8	0	0.7	1.5	0.0
Respiratory tuberculosis (A16)	5	5	0	0.4	0.9	0.0
Other tuberculosis (A17-A19)	3	3	0	0.3	0.5	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)	96	54	42	8.4	9.9	7.1
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)	14	7	7	1.2	1.3	1.2
Human immunodeficiency virus [HIV] disease (B20-B24)	11	8	3	1.0	1.5	0.5
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	70	47	23	6.1	8.6	3.9
Malignant neoplasms (C00-C97)	7,693	4,476	3,217	675.8	817.2	544.6
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	109	81	28	9.6	14.8	4.7
Malignant neoplasm of oesophagus (C15)	220	170	50	19.3	31.0	8.5
Malignant neoplasm of stomach (C16)	232	154	78	20.4	28.1	13.2
Malignant neoplasms of colon, rectum and anus (C18-C21)	768	472	296	67.5	86.2	50.1
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	173	119	54	15.2	21.7	9.1
Malignant neoplasm of pancreas (C25)	370	214	156	32.5	39.1	26.4
Malignant neoplasm of larynx (C32)	85	61	24	7.5	11.1	4.1
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2,477	1,546	931	217.6	282.3	157.6
Malignant melanoma of skin (C43)	80	55	25	7.0	10.0	4.2
Malignant neoplasm of breast (C50)	477	8	469	41.9	1.5	79.4
Malignant neoplasm of cervix uteri (C53)	...	...	28	...	...	4.7
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	68	...	...	11.5
Malignant neoplasm of ovary (C56)	...	...	158	...	...	26.7
Malignant neoplasm of prostate (C61)	...	347	...	...	63.4	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	162	104	58	14.2	19.0	9.8
Malignant neoplasm of bladder (C67)	155	124	31	13.6	22.6	5.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	158	93	65	13.9	17.0	11.0
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	669	411	258	58.8	75.0	43.7
Hodgkin's disease (C81)	9	6	3	0.8	1.1	0.5
Non-Hodgkin's lymphoma (C82-C85)	329	189	140	28.9	34.5	23.7
Leukaemia (C91-C95)	197	142	55	17.3	25.9	9.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	134	74	60	11.8	13.5	10.2
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	957	517	440	84.1	94.4	74.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	118	70	48	10.4	12.8	8.1
Anaemias (D50-D64)	17	10	7	1.5	1.8	1.2
Diabetes mellitus (E10-E14)	628	370	258	55.2	67.6	43.7
Nutritional deficiencies (E40-E64)	10	5	5	0.9	0.9	0.8
Malnutrition (E40-E46)	7	3	4	0.6	0.5	0.7
Other nutritional deficiencies (E50-E64)	3	2	1	0.3	0.4	0.2
Meningitis (G00, G03)	2	1	1	0.2	0.2	0.2
Parkinson's disease (G20-G21)	58	42	16	5.1	7.7	2.7
Alzheimer's disease (G30)	90	51	39	7.9	9.3	6.6
Major cardiovascular diseases (I00-I78)	5,348	3,657	1,691	469.8	667.7	286.3
Diseases of heart (I00-I09, I11, I13, I20-I51)	4,183	2,917	1,266	367.4	532.6	214.3
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	34	5	29	3.0	0.9	4.9
Hypertensive heart disease (I11)	26	19	7	2.3	3.5	1.2

See footnotes at the end of the table.

Table 2-15 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	2	2	0	0.2	0.4	0.0
Ischaemic heart diseases (I20-I25)	3,502	2,519	983	307.6	459.9	166.4
Acute myocardial infarction (I21-I22)	1,801	1,265	536	158.2	231.0	90.7
Other acute ischaemic heart diseases (I24)	62	44	18	5.4	8.0	3.0
Other forms of chronic ischaemic heart disease (I20, I25)	1,639	1,210	429	144.0	220.9	72.6
Atherosclerotic cardiovascular disease, so described (I25.0)	141	101	40	12.4	18.4	6.8
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1,498	1,109	389	131.6	202.5	65.9
Other heart diseases (I26-I51)	619	372	247	54.4	67.9	41.8
Acute and subacute endocarditis (I33)	7	6	1	0.6	1.1	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	8	4	4	0.7	0.7	0.7
Heart failure (I50)	167	108	59	14.7	19.7	10.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	437	254	183	38.4	46.4	31.0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	54	40	14	4.7	7.3	2.4
Cerebrovascular diseases (I60-I69)	780	463	317	68.5	84.5	53.7
Atherosclerosis (I70)	47	33	14	4.1	6.0	2.4
Other diseases of circulatory system (I71-I78)	284	204	80	24.9	37.2	13.5
Aortic aneurysm and dissection (I71)	209	154	55	18.4	28.1	9.3
Other diseases of arteries, arterioles and capillaries (I72-I78)	75	50	25	6.6	9.1	4.2
Other disorders of circulatory system (I80-I99)	35	20	15	3.1	3.7	2.5
Influenza and pneumonia (J10-J18)	161	94	67	14.1	17.2	11.3
Influenza (J10-J11)	22	9	13	1.9	1.6	2.2
Pneumonia (J12-J18)	139	85	54	12.2	15.5	9.1
Other acute lower respiratory infections (J20-J22)	2	1	1	0.2	0.2	0.2
Acute bronchitis and bronchiolitis (J20-J21)	1	0	1	0.1	0.0	0.2
Unspecified acute lower respiratory infection (J22)	1	1	0	0.1	0.2	0.0
Chronic lower respiratory diseases (J40-J47)	770	467	303	67.6	85.3	51.3
Bronchitis, chronic and unspecified (J40-J42)	15	7	8	1.3	1.3	1.4
Emphysema (J43)	88	58	30	7.7	10.6	5.1
Asthma (J45-J46)	16	9	7	1.4	1.6	1.2
Other chronic lower respiratory diseases (J44, J47)	651	393	258	57.2	71.8	43.7
Pneumoconioses and chemical effects (J60-J66, J68)	5	5	0	0.4	0.9	0.0
Pneumonitis due to solids and liquids (J69)	37	25	12	3.3	4.6	2.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	177	105	72	15.5	19.2	12.2
Peptic ulcer (K25-K28)	30	19	11	2.6	3.5	1.9
Diseases of appendix (K35-K38)	4	2	2	0.4	0.4	0.3
Hernia (K40-K46)	14	8	6	1.2	1.5	1.0
Chronic liver disease and cirrhosis (K70, K73-K74)	375	266	109	32.9	48.6	18.5
Alcoholic liver disease (K70)	187	148	39	16.4	27.0	6.6
Other chronic liver disease and cirrhosis (K73-K74)	188	118	70	16.5	21.5	11.8
Cholelithiasis and other disorders of gallbladder (K80-K82)	18	8	10	1.6	1.5	1.7
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	205	126	79	18.0	23.0	13.4
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	1	0	0.1	0.2	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	1	0	1	0.1	0.0	0.2
Renal failure (N17-N19)	202	125	77	17.7	22.8	13.0
Other disorders of kidney (N25, N27)	1	0	1	0.1	0.0	0.2
Infections of kidney (N10-N12, N13.6, N15.1)	11	2	9	1.0	0.4	1.5
Hyperplasia of prostate (N40)	...	1	...	...	0.2	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	23	14	9	2.0	2.6	1.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	161	99	62	14.1	18.1	10.5
All other diseases (residual) ¹¹	1,160	643	517	101.9	117.4	87.5
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	347	243	104	30.5	44.4	17.6
Transport accidents (V01-V99, Y85)	135	91	44	11.9	16.6	7.4
Motor vehicle accidents ¹²	119	80	39	10.5	14.6	6.6
Other land transport accidents ¹³	7	3	4	0.6	0.5	0.7

See footnotes at the end of the table.

Table 2-15 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	9	8	1	0.8	1.5	0.2
Nontransport accidents (W00-X59, Y86)	212	152	60	18.6	27.8	10.2
Falls (W00-W19)	94	71	23	8.3	13.0	3.9
Accidental discharge of firearms (W32-W34)	4	4	0	0.4	0.7	0.0
Accidental drowning and submersion (W65-W74)	10	7	3	0.9	1.3	0.5
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)	15	8	7	1.3	1.5	1.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	76	53	23	6.7	9.7	3.9
Intentional self-harm (suicide) (X60-X84, Y87.0)	125	92	33	11.0	16.8	5.6
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	39	38	1	3.4	6.9	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	86	54	32	7.6	9.9	5.4
Assault (homicide) (X85-Y09, Y87.1)	10	9	1	0.9	1.6	0.2
Assault (homicide) by discharge of firearms (X93-X95)	4	3	1	0.4	0.5	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	6	6	0	0.5	1.1	0.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	20	14	6	1.8	2.6	1.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	20	14	6	1.8	2.6	1.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	11	9	2	1.0	1.6	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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See Data quality, concepts and methodology — 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, Canada¹ — 70 to 74 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	25,412	15,074	10,338	2,541.0	3,312.2	1,897.0
Salmonella infections (A01-A02)	1	1	0	0.1	0.2	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	26	9	17	2.6	2.0	3.1
Tuberculosis (A16-A19)	8	5	3	0.8	1.1	0.6
Respiratory tuberculosis (A16)	7	4	3	0.7	0.9	0.6
Other tuberculosis (A17-A19)	1	1	0	0.1	0.2	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	164	90	74	16.4	19.8	13.6
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)	13	8	5	1.3	1.8	0.9
Human immunodeficiency virus [HIV] disease (B20-B24)	6	6	0	0.6	1.3	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	111	57	54	11.1	12.5	9.9
Malignant neoplasms (C00-C97)	9,992	5,851	4,141	999.1	1,285.6	759.9
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	135	91	44	13.5	20.0	8.1
Malignant neoplasm of oesophagus (C15)	242	188	54	24.2	41.3	9.9
Malignant neoplasm of stomach (C16)	306	205	101	30.6	45.0	18.5
Malignant neoplasms of colon, rectum and anus (C18-C21)	986	608	378	98.6	133.6	69.4
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	224	156	68	22.4	34.3	12.5
Malignant neoplasm of pancreas (C25)	500	245	255	50.0	53.8	46.8
Malignant neoplasm of larynx (C32)	102	85	17	10.2	18.7	3.1
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	3,056	1,928	1,128	305.6	423.6	207.0
Malignant melanoma of skin (C43)	83	56	27	8.3	12.3	5.0
Malignant neoplasm of breast (C50)	580	6	574	58.0	1.3	105.3
Malignant neoplasm of cervix uteri (C53)	...	...	31	...	...	5.7
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	88	...	...	16.1
Malignant neoplasm of ovary (C56)	...	...	202	...	...	37.1
Malignant neoplasm of prostate (C61)	...	589	...	...	129.4	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	189	118	71	18.9	25.9	13.0
Malignant neoplasm of bladder (C67)	243	188	55	24.3	41.3	10.1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	178	97	81	17.8	21.3	14.9
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	919	520	399	91.9	114.3	73.2
Hodgkin's disease (C81)	14	11	3	1.4	2.4	0.6
Non-Hodgkin's lymphoma (C82-C85)	399	215	184	39.9	47.2	33.8
Leukaemia (C91-C95)	309	184	125	30.9	40.4	22.9
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	197	110	87	19.7	24.2	16.0
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)	1,339	771	568	133.9	169.4	104.2
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	159	88	71	15.9	19.3	13.0
Anaemias (D50-D64)	40	22	18	4.0	4.8	3.3
Diabetes mellitus (E10-E14)	945	539	406	94.5	118.4	74.5
Nutritional deficiencies (E40-E64)	25	8	17	2.5	1.8	3.1
Malnutrition (E40-E46)	23	7	16	2.3	1.5	2.9
Other nutritional deficiencies (E50-E64)	2	1	1	0.2	0.2	0.2
Meningitis (G00, G03)	6	5	1	0.6	1.1	0.2
Parkinson's disease (G20-G21)	169	104	65	16.9	22.9	11.9
Alzheimer's disease (G30)	286	131	155	28.6	28.8	28.4
Major cardiovascular diseases (I00-I78)	8,234	5,149	3,085	823.3	1,131.4	566.1
Diseases of heart (I00-I09, I11, I13, I20-I51)	6,175	3,965	2,210	617.5	871.2	405.5
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	55	13	42	5.5	2.9	7.7
Hypertensive heart disease (I11)	45	23	22	4.5	5.1	4.0

See footnotes at the end of the table.

Table 2-16 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	12	4	8	1.2	0.9	1.5
Ischaemic heart diseases (I20-I25)	5,000	3,306	1,694	500.0	726.4	310.8
Acute myocardial infarction (I21-I22)	2,577	1,682	895	257.7	369.6	164.2
Other acute ischaemic heart diseases (I24)	82	57	25	8.2	12.5	4.6
Other forms of chronic ischaemic heart disease (I20, I25)	2,341	1,567	774	234.1	344.3	142.0
Atherosclerotic cardiovascular disease, so described (I25.0)	184	117	67	18.4	25.7	12.3
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	2,157	1,450	707	215.7	318.6	129.7
Other heart diseases (I26-I51)	1,063	619	444	106.3	136.0	81.5
Acute and subacute endocarditis (I33)	9	5	4	0.9	1.1	0.7
Diseases of pericardium and acute myocarditis (I30-I31, I40)	10	3	7	1.0	0.7	1.3
Heart failure (I50)	352	197	155	35.2	43.3	28.4
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	692	414	278	69.2	91.0	51.0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	96	54	42	9.6	11.9	7.7
Cerebrovascular diseases (I60-I69)	1,480	819	661	148.0	180.0	121.3
Atherosclerosis (I70)	86	50	36	8.6	11.0	6.6
Other diseases of circulatory system (I71-I78)	397	261	136	39.7	57.3	25.0
Aortic aneurysm and dissection (I71)	303	197	106	30.3	43.3	19.5
Other diseases of arteries, arterioles and capillaries (I72-I78)	94	64	30	9.4	14.1	5.5
Other disorders of circulatory system (I80-I99)	41	23	18	4.1	5.1	3.3
Influenza and pneumonia (J10-J18)	312	189	123	31.2	41.5	22.6
Influenza (J10-J11)	28	13	15	2.8	2.9	2.8
Pneumonia (J12-J18)	284	176	108	28.4	38.7	19.8
Other acute lower respiratory infections (J20-J22)	6	3	3	0.6	0.7	0.6
Acute bronchitis and bronchiolitis (J20-J21)	5	2	3	0.5	0.4	0.6
Unspecified acute lower respiratory infection (J22)	1	1	0	0.1	0.2	0.0
Chronic lower respiratory diseases (J40-J47)	1,375	797	578	137.5	175.1	106.1
Bronchitis, chronic and unspecified (J40-J42)	9	5	4	0.9	1.1	0.7
Emphysema (J43)	152	89	63	15.2	19.6	11.6
Asthma (J45-J46)	24	8	16	2.4	1.8	2.9
Other chronic lower respiratory diseases (J44, J47)	1,190	695	495	119.0	152.7	90.8
Pneumoconioses and chemical effects (J60-J66, J68)	11	10	1	1.1	2.2	0.2
Pneumonitis due to solids and liquids (J69)	54	36	18	5.4	7.9	3.3
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	273	164	109	27.3	36.0	20.0
Peptic ulcer (K25-K28)	56	39	17	5.6	8.6	3.1
Diseases of appendix (K35-K38)	5	4	1	0.5	0.9	0.2
Hernia (K40-K46)	27	13	14	2.7	2.9	2.6
Chronic liver disease and cirrhosis (K70, K73-K74)	317	206	111	31.7	45.3	20.4
Alcoholic liver disease (K70)	139	108	31	13.9	23.7	5.7
Other chronic liver disease and cirrhosis (K73-K74)	178	98	80	17.8	21.5	14.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	37	23	14	3.7	5.1	2.6
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	362	211	151	36.2	46.4	27.7
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)	3	0	3	0.3	0.0	0.6
Renal failure (N17-N19)	357	210	147	35.7	46.1	27.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	8	2	6	0.8	0.4	1.1
Hyperplasia of prostate (N40)	...	1	...	...	0.2	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	3	...	...	0.6
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	1	0	1	0.1	0.0	0.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	28	10	18	2.8	2.2	3.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	160	93	67	16.0	20.4	12.3
All other diseases (residual) ¹¹	1,594	828	766	159.4	181.9	140.6
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	417	248	169	41.7	54.5	31.0
Transport accidents (V01-V99, Y85)	116	59	57	11.6	13.0	10.5
Motor vehicle accidents ¹²	97	51	46	9.7	11.2	8.4
Other land transport accidents ¹³	12	4	8	1.2	0.9	1.5

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, Canada¹ — 70 to 74 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	7	4	3	0.7	0.9	0.6
Nontransport accidents (W00-X59, Y86)	301	189	112	30.1	41.5	20.6
Falls (W00-W19)	110	72	38	11.0	15.8	7.0
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	14	9	5	1.4	2.0	0.9
Accidental exposure to smoke, fire and flames (X00-X09)	11	3	8	1.1	0.7	1.5
Accidental poisoning and exposure to noxious substances (X40-X49)	17	10	7	1.7	2.2	1.3
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	149	95	54	14.9	20.9	9.9
Intentional self-harm (suicide) (X60-X84, Y87.0)	101	78	23	10.1	17.1	4.2
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	38	38	0	3.8	8.3	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	63	40	23	6.3	8.8	4.2
Assault (homicide) (X85-Y09, Y87.1)	12	7	5	1.2	1.5	0.9
Assault (homicide) by discharge of firearms (X93-X95)	3	0	3	0.3	0.0	0.6
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	9	7	2	0.9	1.5	0.4
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	14	9	5	1.4	2.0	0.9
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	14	9	5	1.4	2.0	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)	12	7	5	1.2	1.5	0.9

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology* — 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, Canada¹ — 75 to 79 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	32,893	17,947	14,946	4,086.6	5,382.6	3,170.0
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	29	13	16	3.6	3.9	3.4
Tuberculosis (A16-A19)	14	10	4	1.7	3.0	0.8
Respiratory tuberculosis (A16)	9	8	1	1.1	2.4	0.2
Other tuberculosis (A17-A19)	5	2	3	0.6	0.6	0.6
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	1	1	0	0.1	0.3	0.0
Septicaemia (A40-A41)	221	119	102	27.5	35.7	21.6
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)	14	8	6	1.7	2.4	1.3
Human immunodeficiency virus [HIV] disease (B20-B24)	4	2	2	0.5	0.6	0.4
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	91	45	46	11.3	13.5	9.8
Malignant neoplasms (C00-C97)	10,464	5,799	4,665	1,300.0	1,739.2	989.4
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	126	72	54	15.7	21.6	11.5
Malignant neoplasm of oesophagus (C15)	213	153	60	26.5	45.9	12.7
Malignant neoplasm of stomach (C16)	317	193	124	39.4	57.9	26.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	1,135	595	540	141.0	178.4	114.5
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	211	132	79	26.2	39.6	16.8
Malignant neoplasm of pancreas (C25)	569	281	288	70.7	84.3	61.1
Malignant neoplasm of larynx (C32)	89	77	12	11.1	23.1	2.5
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2,790	1,716	1,074	346.6	514.7	227.8
Malignant melanoma of skin (C43)	98	61	37	12.2	18.3	7.8
Malignant neoplasm of breast (C50)	614	6	608	76.3	1.8	129.0
Malignant neoplasm of cervix uteri (C53)	...	...	43	...	...	9.1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	118	...	...	25.0
Malignant neoplasm of ovary (C56)	...	...	219	...	...	46.4
Malignant neoplasm of prostate (C61)	...	829	...	...	248.6	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	200	127	73	24.8	38.1	15.5
Malignant neoplasm of bladder (C67)	268	198	70	33.3	59.4	14.8
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	156	78	78	19.4	23.4	16.5
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	973	508	465	120.9	152.4	98.6
Hodgkin's disease (C81)	16	5	11	2.0	1.5	2.3
Non-Hodgkin's lymphoma (C82-C85)	393	189	204	48.8	56.7	43.3
Leukaemia (C91-C95)	327	186	141	40.6	55.8	29.9
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	235	128	107	29.2	38.4	22.7
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	2	0	2	0.2	0.0	0.4
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)	1,496	773	723	185.9	231.8	153.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	242	137	105	30.1	41.1	22.3
Anaemias (D50-D64)	48	20	28	6.0	6.0	5.9
Diabetes mellitus (E10-E14)	1,198	586	612	148.8	175.7	129.8
Nutritional deficiencies (E40-E64)	28	13	15	3.5	3.9	3.2
Malnutrition (E40-E46)	22	10	12	2.7	3.0	2.5
Other nutritional deficiencies (E50-E64)	6	3	3	0.7	0.9	0.6
Meningitis (G00, G03)	8	4	4	1.0	1.2	0.8
Parkinson's disease (G20-G21)	315	190	125	39.1	57.0	26.5
Alzheimer's disease (G30)	700	299	401	87.0	89.7	85.1
Major cardiovascular diseases (I00-I78)	12,062	6,689	5,373	1,498.6	2,006.1	1,139.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	8,673	4,963	3,710	1,077.5	1,488.5	786.9
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	82	31	51	10.2	9.3	10.8
Hypertensive heart disease (I11)	62	27	35	7.7	8.1	7.4

See footnotes at the end of the table.

Table 2-17 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	9	7	2	1.1	2.1	0.4
Ischaemic heart diseases (I20-I25)	6,966	4,119	2,847	865.4	1,235.3	603.8
Acute myocardial infarction (I21-I22)	3,440	1,992	1,448	427.4	597.4	307.1
Other acute ischaemic heart diseases (I24)	98	56	42	12.2	16.8	8.9
Other forms of chronic ischaemic heart disease (I20, I25)	3,428	2,071	1,357	425.9	621.1	287.8
Atherosclerotic cardiovascular disease, so described (I25.0)	205	129	76	25.5	38.7	16.1
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,223	1,942	1,281	400.4	582.4	271.7
Other heart diseases (I26-I51)	1,554	779	775	193.1	233.6	164.4
Acute and subacute endocarditis (I33)	6	5	1	0.7	1.5	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	7	5	2	0.9	1.5	0.4
Heart failure (I50)	581	304	277	72.2	91.2	58.8
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	960	465	495	119.3	139.5	105.0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	157	64	93	19.5	19.2	19.7
Cerebrovascular diseases (I60-I69)	2,464	1,227	1,237	306.1	368.0	262.4
Atherosclerosis (I70)	170	78	92	21.1	23.4	19.5
Other diseases of circulatory system (I71-I78)	598	357	241	74.3	107.1	51.1
Aortic aneurysm and dissection (I71)	416	258	158	51.7	77.4	33.5
Other diseases of arteries, arterioles and capillaries (I72-I78)	182	99	83	22.6	29.7	17.6
Other disorders of circulatory system (I80-I99)	49	23	26	6.1	6.9	5.5
Influenza and pneumonia (J10-J18)	572	306	266	71.1	91.8	56.4
Influenza (J10-J11)	61	31	30	7.6	9.3	6.4
Pneumonia (J12-J18)	511	275	236	63.5	82.5	50.1
Other acute lower respiratory infections (J20-J22)	10	6	4	1.2	1.8	0.8
Acute bronchitis and bronchiolitis (J20-J21)	4	2	2	0.5	0.6	0.4
Unspecified acute lower respiratory infection (J22)	6	4	2	0.7	1.2	0.4
Chronic lower respiratory diseases (J40-J47)	2,028	1,196	832	252.0	358.7	176.5
Bronchitis, chronic and unspecified (J40-J42)	27	17	10	3.4	5.1	2.1
Emphysema (J43)	208	124	84	25.8	37.2	17.8
Asthma (J45-J46)	47	15	32	5.8	4.5	6.8
Other chronic lower respiratory diseases (J44, J47)	1,746	1,040	706	216.9	311.9	149.7
Pneumoconioses and chemical effects (J60-J66, J68)	12	12	0	1.5	3.6	0.0
Pneumonitis due to solids and liquids (J69)	86	49	37	10.7	14.7	7.8
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	360	214	146	44.7	64.2	31.0
Peptic ulcer (K25-K28)	55	35	20	6.8	10.5	4.2
Diseases of appendix (K35-K38)	5	2	3	0.6	0.6	0.6
Hernia (K40-K46)	23	17	6	2.9	5.1	1.3
Chronic liver disease and cirrhosis (K70, K73-K74)	247	143	104	30.7	42.9	22.1
Alcoholic liver disease (K70)	71	55	16	8.8	16.5	3.4
Other chronic liver disease and cirrhosis (K73-K74)	176	88	88	21.9	26.4	18.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	51	19	32	6.3	5.7	6.8
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	563	300	263	69.9	90.0	55.8
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	2	1	1	0.2	0.3	0.2
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	13	7	6	1.6	2.1	1.3
Renal failure (N17-N19)	547	292	255	68.0	87.6	54.1
Other disorders of kidney (N25, N27)	1	0	1	0.1	0.0	0.2
Infections of kidney (N10-N12, N13.6, N15.1)	23	8	15	2.9	2.4	3.2
Hyperplasia of prostate (N40)	...	7	...	...	2.1	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	27	13	14	3.4	3.9	3.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	183	100	83	22.7	30.0	17.6
All other diseases (residual) ¹¹	2,427	1,136	1,291	301.5	340.7	273.8
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	581	323	258	72.2	96.9	54.7
Transport accidents (V01-V99, Y85)	161	87	74	20.0	26.1	15.7
Motor vehicle accidents ¹²	147	78	69	18.3	23.4	14.6
Other land transport accidents ¹³	12	7	5	1.5	2.1	1.1

See footnotes at the end of the table.

Table 2-17 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	2	2	0	0.2	0.6	0.0
Nontransport accidents (W00-X59, Y86)	420	236	184	52.2	70.8	39.0
Falls (W00-W19)	181	107	74	22.5	32.1	15.7
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	9	6	3	1.1	1.8	0.6
Accidental exposure to smoke, fire and flames (X00-X09)	21	16	5	2.6	4.8	1.1
Accidental poisoning and exposure to noxious substances (X40-X49)	14	5	9	1.7	1.5	1.9
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	195	102	93	24.2	30.6	19.7
Intentional self-harm (suicide) (X60-X84, Y87.0)	94	78	16	11.7	23.4	3.4
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	26	26	0	3.2	7.8	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	68	52	16	8.4	15.6	3.4
Assault (homicide) (X85-Y09, Y87.1)	9	6	3	1.1	1.8	0.6
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	9	6	3	1.1	1.8	0.6
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	14	7	7	1.7	2.1	1.5
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	14	7	7	1.7	2.1	1.5
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	28	12	16	3.5	3.6	3.4

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See Data quality, concepts and methodology — 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, Canada¹ — 80 to 84 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	33,592	16,326	17,266	6,766.3	8,824.4	5,543.8
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)	48	16	32	9.7	8.6	10.3
Tuberculosis (A16-A19)	13	9	4	2.6	4.9	1.3
Respiratory tuberculosis (A16)	13	9	4	2.6	4.9	1.3
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)	248	113	135	50.0	61.1	43.3
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	6	0	6	1.2	0.0	1.9
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 ¹⁰	89	40	49	17.9	21.6	15.7
Malignant neoplasms (C00-C97)	8,030	4,208	3,822	1,617.5	2,274.5	1,227.2
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	92	53	39	18.5	28.6	12.5
Malignant neoplasm of oesophagus (C15)	144	99	45	29.0	53.5	14.4
Malignant neoplasm of stomach (C16)	297	169	128	59.8	91.3	41.1
Malignant neoplasms of colon, rectum and anus (C18-C21)	944	451	493	190.1	243.8	158.3
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	145	77	68	29.2	41.6	21.8
Malignant neoplasm of pancreas (C25)	429	176	253	86.4	95.1	81.2
Malignant neoplasm of larynx (C32)	60	42	18	12.1	22.7	5.8
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,712	1,048	664	344.8	566.5	213.2
Malignant melanoma of skin (C43)	66	33	33	13.3	17.8	10.6
Malignant neoplasm of breast (C50)	530	6	524	106.8	3.2	168.2
Malignant neoplasm of cervix uteri (C53)	...	...	30	...	...	9.6
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	93	...	...	29.9
Malignant neoplasm of ovary (C56)	...	...	152	...	...	48.8
Malignant neoplasm of prostate (C61)	...	745	...	...	402.7	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	154	80	74	31.0	43.2	23.8
Malignant neoplasm of bladder (C67)	238	168	70	47.9	90.8	22.5
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	110	63	47	22.2	34.1	15.1
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	813	397	416	163.8	214.6	133.6
Hodgkin's disease (C81)	9	3	6	1.8	1.6	1.9
Non-Hodgkin's lymphoma (C82-C85)	312	140	172	62.8	75.7	55.2
Leukaemia (C91-C95)	309	170	139	62.2	91.9	44.6
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	182	83	99	36.7	44.9	31.8
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	1	0	0.2	0.5	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)	1,276	601	675	257.0	324.8	216.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	265	136	129	53.4	73.5	41.4
Anaemias (D50-D64)	91	40	51	18.3	21.6	16.4
Diabetes mellitus (E10-E14)	1,172	525	647	236.1	283.8	207.7
Nutritional deficiencies (E40-E64)	29	5	24	5.8	2.7	7.7
Malnutrition (E40-E46)	21	4	17	4.2	2.2	5.5
Other nutritional deficiencies (E50-E64)	8	1	7	1.6	0.5	2.2
Meningitis (G00, G03)	1	0	1	0.2	0.0	0.3
Parkinson's disease (G20-G21)	400	229	171	80.6	123.8	54.9
Alzheimer's disease (G30)	1,091	383	708	219.8	207.0	227.3
Major cardiovascular diseases (I00-I78)	13,773	6,494	7,279	2,774.3	3,510.1	2,337.1
Diseases of heart (I00-I09, I11, I13, I20-I51)	9,646	4,692	4,954	1,943.0	2,536.1	1,590.6
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	84	24	60	16.9	13.0	19.3
Hypertensive heart disease (I11)	72	26	46	14.5	14.1	14.8

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, Canada¹ — 80 to 84 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	30	12	18	6.0	6.5	5.8
Ischaemic heart diseases (I20-I25)	7,482	3,772	3,710	1,507.1	2,038.8	1,191.2
Acute myocardial infarction (I21-I22)	3,515	1,757	1,758	708.0	949.7	564.5
Other acute ischaemic heart diseases (I24)	98	38	60	19.7	20.5	19.3
Other forms of chronic ischaemic heart disease (I20, I25)	3,869	1,977	1,892	779.3	1,068.6	607.5
Atherosclerotic cardiovascular disease, so described (I25.0)	186	98	88	37.5	53.0	28.3
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,683	1,879	1,804	741.9	1,015.6	579.2
Other heart diseases (I26-I51)	1,978	858	1,120	398.4	463.8	359.6
Acute and subacute endocarditis (I33)	5	2	3	1.0	1.1	1.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	9	2	7	1.8	1.1	2.2
Heart failure (I50)	859	394	465	173.0	213.0	149.3
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,105	460	645	222.6	248.6	207.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	190	69	121	38.3	37.3	38.9
Cerebrovascular diseases (I60-I69)	3,137	1,315	1,822	631.9	710.8	585.0
Atherosclerosis (I70)	233	103	130	46.9	55.7	41.7
Other diseases of circulatory system (I71-I78)	567	315	252	114.2	170.3	80.9
Aortic aneurysm and dissection (I71)	385	224	161	77.5	121.1	51.7
Other diseases of arteries, arterioles and capillaries (I72-I78)	182	91	91	36.7	49.2	29.2
Other disorders of circulatory system (I80-I99)	51	19	32	10.3	10.3	10.3
Influenza and pneumonia (J10-J18)	854	435	419	172.0	235.1	134.5
Influenza (J10-J11)	95	39	56	19.1	21.1	18.0
Pneumonia (J12-J18)	759	396	363	152.9	214.0	116.6
Other acute lower respiratory infections (J20-J22)	18	8	10	3.6	4.3	3.2
Acute bronchitis and bronchiolitis (J20-J21)	12	5	7	2.4	2.7	2.2
Unspecified acute lower respiratory infection (J22)	6	3	3	1.2	1.6	1.0
Chronic lower respiratory diseases (J40-J47)	2,069	1,195	874	416.8	645.9	280.6
Bronchitis, chronic and unspecified (J40-J42)	33	16	17	6.6	8.6	5.5
Emphysema (J43)	143	98	45	28.8	53.0	14.4
Asthma (J45-J46)	42	18	24	8.5	9.7	7.7
Other chronic lower respiratory diseases (J44, J47)	1,851	1,063	788	372.8	574.6	253.0
Pneumoconioses and chemical effects (J60-J66, J68)	10	10	0	2.0	5.4	0.0
Pneumonitis due to solids and liquids (J69)	146	85	61	29.4	45.9	19.6
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	367	186	181	73.9	100.5	58.1
Peptic ulcer (K25-K28)	76	40	36	15.3	21.6	11.6
Diseases of appendix (K35-K38)	7	4	3	1.4	2.2	1.0
Hernia (K40-K46)	34	17	17	6.8	9.2	5.5
Chronic liver disease and cirrhosis (K70, K73-K74)	134	64	70	27.0	34.6	22.5
Alcoholic liver disease (K70)	26	20	6	5.2	10.8	1.9
Other chronic liver disease and cirrhosis (K73-K74)	108	44	64	21.8	23.8	20.5
Cholelithiasis and other disorders of gallbladder (K80-K82)	61	29	32	12.3	15.7	10.3
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	626	314	312	126.1	169.7	100.2
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	3	1	2	0.6	0.5	0.6
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	11	4	7	2.2	2.2	2.2
Renal failure (N17-N19)	611	309	302	123.1	167.0	97.0
Other disorders of kidney (N25, N27)	1	0	1	0.2	0.0	0.3
Infections of kidney (N10-N12, N13.6, N15.1)	17	5	12	3.4	2.7	3.9
Hyperplasia of prostate (N40)	...	10	...	...	5.4	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	4	...	...	1.3
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	15	10	5	3.0	5.4	1.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	227	110	117	45.7	59.5	37.6
All other diseases (residual) ¹¹	2,789	1,185	1,604	561.8	640.5	515.0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	723	336	387	145.6	181.6	124.3
Transport accidents (V01-V99, Y85)	110	68	42	22.2	36.8	13.5
Motor vehicle accidents ¹²	91	53	38	18.3	28.6	12.2
Other land transport accidents ¹³	13	10	3	2.6	5.4	1.0

See footnotes at the end of the table.

Table 2-18 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	6	5	1	1.2	2.7	0.3
Nontransport accidents (W00-X59, Y86)	613	268	345	123.5	144.9	110.8
Falls (W00-W19)	253	122	131	51.0	65.9	42.1
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	5	2	3	1.0	1.1	1.0
Accidental exposure to smoke, fire and flames (X00-X09)	19	10	9	3.8	5.4	2.9
Accidental poisoning and exposure to noxious substances (X40-X49)	7	5	2	1.4	2.7	0.6
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	329	129	200	66.3	69.7	64.2
Intentional self-harm (suicide) (X60-X84, Y87.0)	47	38	9	9.5	20.5	2.9
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	15	15	0	3.0	8.1	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	32	23	9	6.4	12.4	2.9
Assault (homicide) (X85-Y09, Y87.1)	8	4	4	1.6	2.2	1.3
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	8	4	4	1.6	2.2	1.3
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	9	4	5	1.8	2.2	1.6
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	9	4	5	1.8	2.2	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)	31	19	12	6.2	10.3	3.9

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology* — 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, Canada¹ — 85 to 89 years^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	31,616	12,737	18,879	11,264.5	13,935.3	9,974.7
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	60	19	41	21.4	20.8	21.7
Tuberculosis (A16-A19)	11	6	5	3.9	6.6	2.6
Respiratory tuberculosis (A16)	8	5	3	2.9	5.5	1.6
Other tuberculosis (A17-A19)	3	1	2	1.1	1.1	1.1
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	1	0	1	0.4	0.0	0.5
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	203	85	118	72.3	93.0	62.3
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	7	0	7	2.5	0.0	3.7
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	77	37	40	27.4	40.5	21.1
Malignant neoplasms (C00-C97)	5,386	2,538	2,848	1,919.0	2,776.8	1,504.7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	64	25	39	22.8	27.4	20.6
Malignant neoplasm of oesophagus (C15)	96	47	49	34.2	51.4	25.9
Malignant neoplasm of stomach (C16)	214	102	112	76.2	111.6	59.2
Malignant neoplasms of colon, rectum and anus (C18-C21)	703	290	413	250.5	317.3	218.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	104	48	56	37.1	52.5	29.6
Malignant neoplasm of pancreas (C25)	285	80	205	101.5	87.5	108.3
Malignant neoplasm of larynx (C32)	11	9	2	3.9	9.8	1.1
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	872	484	388	310.7	529.5	205.0
Malignant melanoma of skin (C43)	31	19	12	11.0	20.8	6.3
Malignant neoplasm of breast (C50)	407	4	403	145.0	4.4	212.9
Malignant neoplasm of cervix uteri (C53)	...	...	16	...	...	8.5
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	63	...	...	33.3
Malignant neoplasm of ovary (C56)	...	...	103	...	...	54.4
Malignant neoplasm of prostate (C61)	...	618	...	...	676.1	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	99	45	54	35.3	49.2	28.5
Malignant neoplasm of bladder (C67)	248	152	96	88.4	166.3	50.7
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	46	21	25	16.4	23.0	13.2
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	510	228	282	181.7	249.5	149.0
Hodgkin's disease (C81)	4	1	3	1.4	1.1	1.6
Non-Hodgkin's lymphoma (C82-C85)	222	95	127	79.1	103.9	67.1
Leukaemia (C91-C95)	191	91	100	68.1	99.6	52.8
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	93	41	52	33.1	44.9	27.5
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)	896	366	530	319.2	400.4	280.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	212	97	115	75.5	106.1	60.8
Anaemias (D50-D64)	89	31	58	31.7	33.9	30.6
Diabetes mellitus (E10-E14)	1,008	375	633	359.1	410.3	334.4
Nutritional deficiencies (E40-E64)	48	16	32	17.1	17.5	16.9
Malnutrition (E40-E46)	42	13	29	15.0	14.2	15.3
Other nutritional deficiencies (E50-E64)	6	3	3	2.1	3.3	1.6
Meningitis (G00, G03)	3	2	1	1.1	2.2	0.5
Parkinson's disease (G20-G21)	327	150	177	116.5	164.1	93.5
Alzheimer's disease (G30)	1,445	411	1,034	514.8	449.7	546.3
Major cardiovascular diseases (I00-I78)	14,057	5,427	8,630	5,008.4	5,937.6	4,559.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	9,732	3,912	5,820	3,467.4	4,280.0	3,075.0
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	67	16	51	23.9	17.5	26.9
Hypertensive heart disease (I11)	111	19	92	39.5	20.8	48.6

See footnotes at the end of the table.

Table 2-19 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	37	11	26	13.2	12.0	13.7
Ischaemic heart diseases (I20-I25)	7,217	3,002	4,215	2,571.3	3,284.4	2,227.0
Acute myocardial infarction (I21-I22)	3,113	1,325	1,788	1,109.1	1,449.7	944.7
Other acute ischaemic heart diseases (I24)	93	39	54	33.1	42.7	28.5
Other forms of chronic ischaemic heart disease (I20, I25)	4,011	1,638	2,373	1,429.1	1,792.1	1,253.8
Atherosclerotic cardiovascular disease, so described (I25.0)	156	58	98	55.6	63.5	51.8
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,855	1,580	2,275	1,373.5	1,728.6	1,202.0
Other heart diseases (I26-I51)	2,300	864	1,436	819.5	945.3	758.7
Acute and subacute endocarditis (I33)	1	1	0	0.4	1.1	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	1	1	0.7	1.1	0.5
Heart failure (I50)	1,127	439	688	401.5	480.3	363.5
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,170	423	747	416.9	462.8	394.7
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	218	54	164	77.7	59.1	86.6
Cerebrovascular diseases (I60-I69)	3,293	1,111	2,182	1,173.3	1,215.5	1,152.9
Atherosclerosis (I70)	306	110	196	109.0	120.3	103.6
Other diseases of circulatory system (I71-I78)	508	240	268	181.0	262.6	141.6
Aortic aneurysm and dissection (I71)	314	165	149	111.9	180.5	78.7
Other diseases of arteries, arterioles and capillaries (I72-I78)	194	75	119	69.1	82.1	62.9
Other disorders of circulatory system (I80-I99)	58	17	41	20.7	18.6	21.7
Influenza and pneumonia (J10-J18)	1,173	502	671	417.9	549.2	354.5
Influenza (J10-J11)	144	56	88	51.3	61.3	46.5
Pneumonia (J12-J18)	1,029	446	583	366.6	488.0	308.0
Other acute lower respiratory infections (J20-J22)	33	15	18	11.8	16.4	9.5
Acute bronchitis and bronchiolitis (J20-J21)	20	9	11	7.1	9.8	5.8
Unspecified acute lower respiratory infection (J22)	13	6	7	4.6	6.6	3.7
Chronic lower respiratory diseases (J40-J47)	1,702	925	777	606.4	1,012.0	410.5
Bronchitis, chronic and unspecified (J40-J42)	43	24	19	15.3	26.3	10.0
Emphysema (J43)	102	61	41	36.3	66.7	21.7
Asthma (J45-J46)	37	10	27	13.2	10.9	14.3
Other chronic lower respiratory diseases (J44, J47)	1,520	830	690	541.6	908.1	364.6
Pneumoconioses and chemical effects (J60-J66, J68)	8	7	1	2.9	7.7	0.5
Pneumonitis due to solids and liquids (J69)	149	76	73	53.1	83.2	38.6
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	294	142	152	104.7	155.4	80.3
Peptic ulcer (K25-K28)	82	32	50	29.2	35.0	26.4
Diseases of appendix (K35-K38)	4	1	3	1.4	1.1	1.6
Hernia (K40-K46)	48	13	35	17.1	14.2	18.5
Chronic liver disease and cirrhosis (K70, K73-K74)	64	35	29	22.8	38.3	15.3
Alcoholic liver disease (K70)	9	8	1	3.2	8.8	0.5
Other chronic liver disease and cirrhosis (K73-K74)	55	27	28	19.6	29.5	14.8
Cholelithiasis and other disorders of gallbladder (K80-K82)	57	26	31	20.3	28.4	16.4
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	564	268	296	200.9	293.2	156.4
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	5	3	2	1.8	3.3	1.1
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	6	1	5	2.1	1.1	2.6
Renal failure (N17-N19)	553	264	289	197.0	288.8	152.7
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	20	5	15	7.1	5.5	7.9
Hyperplasia of prostate (N40)	...	17	...	...	18.6	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.5
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	15	5	10	5.3	5.5	5.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	310	93	217	110.4	101.7	114.7
All other diseases (residual) ¹¹	3,224	1,033	2,191	1,148.7	1,130.2	1,157.6
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	811	296	515	289.0	323.8	272.1
Transport accidents (V01-V99, Y85)	60	37	23	21.4	40.5	12.2
Motor vehicle accidents ¹²	55	35	20	19.6	38.3	10.6
Other land transport accidents ¹³	4	1	3	1.4	1.1	1.6

See footnotes at the end of the table.

Table 2-19 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	1	1	0	0.4	1.1	0.0
Nontransport accidents (W00-X59, Y86)	751	259	492	267.6	283.4	259.9
Falls (W00-W19)	288	102	186	102.6	111.6	98.3
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	4	3	1	1.4	3.3	0.5
Accidental exposure to smoke, fire and flames (X00-X09)	17	6	11	6.1	6.6	5.8
Accidental poisoning and exposure to noxious substances (X40-X49)	10	5	5	3.6	5.5	2.6
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	432	143	289	153.9	156.5	152.7
Intentional self-harm (suicide) (X60-X84, Y87.0)	22	20	2	7.8	21.9	1.1
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	6	6	0	2.1	6.6	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	16	14	2	5.7	15.3	1.1
Assault (homicide) (X85-Y09, Y87.1)	3	2	1	1.1	2.2	0.5
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	3	2	1	1.1	2.2	0.5
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	3	3	0	1.1	3.3	0.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	3	3	0	1.1	3.3	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)	20	10	10	7.1	10.9	5.3

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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See Data quality, concepts and methodology — 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, Canada¹ — 90 years and over^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	28,009	8,193	19,816	21,021.9	23,705.2	20,082.1
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	50	20	30	37.5	57.9	30.4
Tuberculosis (A16-A19)	5	3	2	3.8	8.7	2.0
Respiratory tuberculosis (A16)	5	3	2	3.8	8.7	2.0
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)	178	59	119	133.6	170.7	120.6
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)	3	2	1	2.3	5.8	1.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	52	20	32	39.0	57.9	32.4
Malignant neoplasms (C00-C97)	3,003	1,166	1,837	2,253.9	3,373.6	1,861.7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	28	12	16	21.0	34.7	16.2
Malignant neoplasm of oesophagus (C15)	46	24	22	34.5	69.4	22.3
Malignant neoplasm of stomach (C16)	112	44	68	84.1	127.3	68.9
Malignant neoplasms of colon, rectum and anus (C18-C21)	440	135	305	330.2	390.6	309.1
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	50	16	34	37.5	46.3	34.5
Malignant neoplasm of pancreas (C25)	138	46	92	103.6	133.1	93.2
Malignant neoplasm of larynx (C32)	15	14	1	11.3	40.5	1.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	330	165	165	247.7	477.4	167.2
Malignant melanoma of skin (C43)	26	9	17	19.5	26.0	17.2
Malignant neoplasm of breast (C50)	310	1	309	232.7	2.9	313.1
Malignant neoplasm of cervix uteri (C53)	...	...	17	...	...	17.2
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	51	...	...	51.7
Malignant neoplasm of ovary (C56)	...	...	58	...	...	58.8
Malignant neoplasm of prostate (C61)	...	322	...	...	931.7	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	46	20	26	34.5	57.9	26.3
Malignant neoplasm of bladder (C67)	138	76	62	103.6	219.9	62.8
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	19	6	13	14.3	17.4	13.2
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	239	87	152	179.4	251.7	154.0
Hodgkin's disease (C81)	2	1	1	1.5	2.9	1.0
Non-Hodgkin's lymphoma (C82-C85)	81	30	51	60.8	86.8	51.7
Leukaemia (C91-C95)	109	35	74	81.8	101.3	75.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	47	21	26	35.3	60.8	26.3
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)	618	189	429	463.8	546.8	434.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	145	48	97	108.8	138.9	98.3
Anaemias (D50-D64)	117	36	81	87.8	104.2	82.1
Diabetes mellitus (E10-E14)	636	179	457	477.3	517.9	463.1
Nutritional deficiencies (E40-E64)	61	9	52	45.8	26.0	52.7
Malnutrition (E40-E46)	52	9	43	39.0	26.0	43.6
Other nutritional deficiencies (E50-E64)	9	0	9	6.8	0.0	9.1
Meningitis (G00, G03)	1	0	1	0.8	0.0	1.0
Parkinson's disease (G20-G21)	179	76	103	134.3	219.9	104.4
Alzheimer's disease (G30)	1,323	245	1,078	993.0	708.9	1,092.5
Major cardiovascular diseases (I00-I78)	13,064	3,575	9,489	9,805.1	10,343.7	9,616.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	8,962	2,571	6,391	6,726.4	7,438.8	6,476.8
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	26	3	23	19.5	8.7	23.3
Hypertensive heart disease (I11)	138	16	122	103.6	46.3	123.6

See footnotes at the end of the table.

Table 2-20 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Hypertensive heart and renal disease (I13)	34	8	26	25.5	23.1	26.3
Ischaemic heart diseases (I20-I25)	6,165	1,825	4,340	4,627.1	5,280.4	4,398.3
Acute myocardial infarction (I21-I22)	2,229	709	1,520	1,673.0	2,051.4	1,540.4
Other acute ischaemic heart diseases (I24)	88	21	67	66.0	60.8	67.9
Other forms of chronic ischaemic heart disease (I20, I25)	3,848	1,095	2,753	2,888.1	3,168.2	2,790.0
Atherosclerotic cardiovascular disease, so described (I25.0)	123	37	86	92.3	107.1	87.2
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,725	1,058	2,667	2,795.8	3,061.2	2,702.8
Other heart diseases (I26-I51)	2,599	719	1,880	1,950.7	2,080.3	1,905.2
Acute and subacute endocarditis (I33)	3	1	2	2.3	2.9	2.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	4	1	3	3.0	2.9	3.0
Heart failure (I50)	1,536	420	1,116	1,152.8	1,215.2	1,131.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,056	297	759	792.6	859.3	769.2
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	263	52	211	197.4	150.5	213.8
Cerebrovascular diseases (I60-I69)	3,075	716	2,359	2,307.9	2,071.6	2,390.7
Atherosclerosis (I70)	418	105	313	313.7	303.8	317.2
Other diseases of circulatory system (I71-I78)	346	131	215	259.7	379.0	217.9
Aortic aneurysm and dissection (I71)	156	66	90	117.1	191.0	91.2
Other diseases of arteries, arterioles and capillaries (I72-I78)	190	65	125	142.6	188.1	126.7
Other disorders of circulatory system (I80-I99)	46	10	36	34.5	28.9	36.5
Influenza and pneumonia (J10-J18)	1,526	485	1,041	1,145.3	1,403.3	1,055.0
Influenza (J10-J11)	195	50	145	146.4	144.7	146.9
Pneumonia (J12-J18)	1,331	435	896	999.0	1,258.6	908.0
Other acute lower respiratory infections (J20-J22)	38	11	27	28.5	31.8	27.4
Acute bronchitis and bronchiolitis (J20-J21)	18	5	13	13.5	14.5	13.2
Unspecified acute lower respiratory infection (J22)	20	6	14	15.0	17.4	14.2
Chronic lower respiratory diseases (J40-J47)	1,111	533	578	833.9	1,542.2	585.8
Bronchitis, chronic and unspecified (J40-J42)	50	12	38	37.5	34.7	38.5
Emphysema (J43)	36	23	13	27.0	66.5	13.2
Asthma (J45-J46)	38	9	29	28.5	26.0	29.4
Other chronic lower respiratory diseases (J44, J47)	987	489	498	740.8	1,414.8	504.7
Pneumoconioses and chemical effects (J60-J66, J68)	1	1	0	0.8	2.9	0.0
Pneumonitis due to solids and liquids (J69)	168	69	99	126.1	199.6	100.3
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	268	84	184	201.1	243.0	186.5
Peptic ulcer (K25-K28)	75	25	50	56.3	72.3	50.7
Diseases of appendix (K35-K38)	7	2	5	5.3	5.8	5.1
Hernia (K40-K46)	37	12	25	27.8	34.7	25.3
Chronic liver disease and cirrhosis (K70, K73-K74)	21	8	13	15.8	23.1	13.2
Alcoholic liver disease (K70)	3	2	1	2.3	5.8	1.0
Other chronic liver disease and cirrhosis (K73-K74)	18	6	12	13.5	17.4	12.2
Cholelithiasis and other disorders of gallbladder (K80-K82)	67	15	52	50.3	43.4	52.7
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	529	190	339	397.0	549.7	343.6
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	2	1	1	1.5	2.9	1.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	2	0	2	1.5	0.0	2.0
Renal failure (N17-N19)	525	189	336	394.0	546.8	340.5
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	19	3	16	14.3	8.7	16.2
Hyperplasia of prostate (N40)	...	13	...	...	37.6	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	1.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	6	0	6	4.5	0.0	6.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	568	109	459	426.3	315.4	465.2
All other diseases (residual) ¹¹	3,741	897	2,844	2,807.8	2,595.3	2,882.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	916	272	644	687.5	787.0	652.6
Transport accidents (V01-V99, Y85)	13	9	4	9.8	26.0	4.1
Motor vehicle accidents ¹²	10	7	3	7.5	20.3	3.0
Other land transport accidents ¹³	3	2	1	2.3	5.8	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, Canada¹ — 90 years and over^{2, 3, 4, 5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0.0	0.0	0.0
Nontransport accidents (W00-X59, Y86)	903	263	640	677.7	761.0	648.6
Falls (W00-W19)	345	124	221	258.9	358.8	224.0
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	1	0	1	0.8	0.0	1.0
Accidental exposure to smoke, fire and flames (X00-X09)	9	2	7	6.8	5.8	7.1
Accidental poisoning and exposure to noxious substances (X40-X49)	6	3	3	4.5	8.7	3.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	542	134	408	406.8	387.7	413.5
Intentional self-harm (suicide) (X60-X84, Y87.0)	13	10	3	9.8	28.9	3.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	4	4	0	3.0	11.6	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	9	6	3	6.8	17.4	3.0
Assault (homicide) (X85-Y09, Y87.1)	1	1	0	0.8	2.9	0.0
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	1	1	0	0.8	2.9	0.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	2	0	2	1.5	0.0	2.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	2	0	2	1.5	0.0	2.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	18	5	13	13.5	14.5	13.2

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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).
7. The cause of death tabulated is the underlying cause of death. This is defined as (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. The underlying cause is selected from the conditions listed on the medical certificate of cause of death.
8. World Health Organization (WHO), International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10)
9. National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics", available at www.cdc.gov/nchs/data/dvs/im9_2002.pdf.
10. Other and unspecified infectious and parasitic diseases, and their sequelae A00, A05, A20 to A36, A42 to A44, A48 to A49, A54 to A79, A81 to A82, A85.0 to A85.1, A85.8, A86 to B04, B06 to B09, B25 to B49, B55 to B99.
11. All other diseases (residual) D65 to E07, E15 to E34, E65 to F99, G04 to G12, G23 to G25, G31 to H93, K00 to K22, K29 to K31, K50 to K66, K71 to K72, K75 to K76, K83 to M99, N13.0 to N13.5, N13.7 to N13.9, N14, N15.0, N15.8 to N15.9, N20 to N23, N28 to N39, N41 to N64, N80 to N98. As of 2003, also includes U04.
12. Motor vehicle accidents V02 to V04, V09.0, V09.2, V12 to V14, V19.0 to V19.2, V19.4 to V19.6, V20 to V79, V80.3 to V80.5, V81.0 to V81.1, V82.0 to V82.1, V83 to V86, V87.0 to V87.8, V88.0 to V88.8, V89.0, V89.2.
13. Other land transport accidents V01, V05 to V06, V09.1, V09.3 to V09.9, V10 to V11, V15 to V18, V19.3, V19.8 to V19.9, V80.0 to V80.2, V80.6 to V80.9, V81.2 to V81.9, V82.2 to V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Note: See *Data quality, concepts and methodology* — 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 Organization¹ and the United Nations.²

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

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

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

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

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

Death rates

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

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

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

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

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

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

For age group i :

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Text table 1

Age-standardized death rates

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

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

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

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

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

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

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

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

Vital Statistics — Death Database

Survey description

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

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

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

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

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

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

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

Data sources and methodology

Survey population

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

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

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

Sampling

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

Data sources

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

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

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

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

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

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

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

Error detection

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

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

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

Imputation

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

Quality evaluation

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

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

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

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

Disclosure control

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

Data accuracy

Coverage

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

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

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

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

Response rates

Item response

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

Other accuracy issues

Age at death of persons over 100 years old

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

Cause of death certification

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

Vital Statistics — Birth Database

Survey description

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

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

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

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

Data sources and methodology

Survey population

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

Sampling

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

Collection

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

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

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

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

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

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

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

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

Error detection

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

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

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

Imputation

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

Quality evaluation

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

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

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

Disclosure control

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

Data accuracy

Coverage

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

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

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

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

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

Response rates

Item response

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

Other accuracy issues

Ontario birth weights and gestation data

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

Low birth weight/low gestation data

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

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

Survey description

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

Data sources and methodology

Sampling

This survey is a census.

Collection

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

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

Estimation

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

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

Disclosure control

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

Revisions and seasonal adjustments

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

Data accuracy

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

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.

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 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (catalogue number 91-213-XIB/XPB).

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

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

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

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

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

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

Age attained at the last birthday preceding death.

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

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

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

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

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

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

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

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

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

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

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

The population estimates used for the 2000 mortality rate calculations are July 1, 2000 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2001" (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.