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Mortality, Summary List of Causes

2004



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Statistics Canada
Health Statistics Division

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Note of appreciation

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User information

Symbols

The following standard symbols are used in Statistics Canada publications:

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

Acknowledgements

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

Introduction

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

Content note

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

History note

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

Publication, data year 2004 issue

This issue of the annual HTML/PDF publication contains tables for data year 2004 with the corresponding highlights and analysis.

CANSIM data for 2000 to 2004, available with the first issue of this publication

Free access to the 2000 to 2004 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

Number of deaths and age-standardized mortality rates, 1979 to 2004

- From 1979 to 2004, the annual number of male deaths rose slightly, from 96,532 to 114,513. Since 2000, the number of male deaths appears to be levelling off (Chart 1).
- During the same 25-year period, the annual number of female deaths rose sharply, from 71,651 to 112,071 female deaths in 2004.
- In 2004, the age-standardized mortality rate in Canada was 572 deaths per 100,000 population, down 2.6% from 587 in 2003.
- From 1979 to 2004, males' age-standardized mortality rate dropped 34%, from 1,083 to 710 per 100,000 population.
- From 1979 to 2004, females' age-standardized mortality rate went down 27%, from 627 to 466 per 100,000 population.
- The gap between male and female age-standardized rates decreased by almost half over the 25-year period, from 456 to 244 deaths per 100,000 (Chart 2).

Trends for two main causes of death, 1979 to 2004

- From 1979 to 2004, the number of deaths due to cardiovascular diseases fell sharply, while deaths due to cancer rose. The shares of deaths due to these diseases converged at around 30% in 2004 (Chart 3).
- The impact of these opposing trends is that the share of deaths due to cancer may soon catch up with, and eventually surpass, the share of deaths due to cardiovascular diseases.
- From 1979 to 2004, the sex ratio for deaths due to cardiovascular diseases decreased sharply, from 125 to 101 males per 100 females. During the same period, the sex ratio for deaths due to cancer declined gradually, from 126 to 111 males per 100 females (Chart 4).
- The narrowing of the gap between the number of overall male deaths and overall female deaths seen in Chart 1 may be partially explained by the narrowing of the gap between the number of deaths for each sex due to the two main causes of death: cardiovascular diseases and cancer (Chart 2, 3 and 4).

Cardiovascular diseases and cancer deaths, 2000 to 2004

- From 2000 to 2004, more females than males died of cardiovascular diseases: 2,297, or 1%, of excess female deaths.
- More males than females were killed by cancer from 2000 to 2004 - 18,824, or 12%, of excess male deaths.
- From 2000 to 2004, the age-standardized mortality rates for cardiovascular diseases and cancer have converged at around 175 per 100,000 population, mainly the result of a sharp drop in the age-standardized mortality rate for cardiovascular diseases.
- In 2000, both males and females had higher age-standardized mortality rates for cardiovascular diseases than for cancer; however, in 2003 and 2004, female rates for cancer were higher than those for cardiovascular diseases.

- In 2004, male age-standardized mortality rates for cardiovascular diseases were 62% higher than female rates (unchanged from 2000).
- In 2004, male age-standardized mortality rates for cancer were 44% higher than female rates, a decline in the 51% gap between the sexes posted in 2000.

Two main causes of cancer deaths, 2000 to 2004

- From 2000 to 2004, the cumulative five-year annual number of deaths due to the two main groups of cancers -- cancer of trachea, bronchus and lung; and cancer of colon, rectum and anus -- was 119,475, comprising 37% of all deaths due to cancer.
- During the same period, the cumulative deaths due to the main group of cancer of trachea, bronchus and lung were 84,921, comprising 26% of all deaths due to cancer. Meanwhile, the second main cause of deaths, represented by 34,554 deaths, due to cancer of colon, rectum and anus, comprising 11% of all deaths due to cancer.
- From 2000 to 2004, female deaths due to cancer of trachea, bronchus and lung rose three times faster than male deaths: 16% vs. 5%; while female deaths due to cancer of colon, rectum and anus increased slightly more than male deaths (11% and 9% respectively).
- During the same period, the sex ratio of annual number of deaths due to cancer of trachea, bronchus and lung declined from 149 to 135 males per 100 females – an indication of the narrowing gap between the sexes.
- In 2000, male age-standardized mortality rates for cancer of trachea, bronchus and lung were 87% higher than female rates; by 2004 this gap had dropped to 67%.

Selected cancer deaths by sex, 2000 to 2004

- From 2000 to 2004, 50.7% of male cancer deaths were due to the following three main groups of cancers: of trachea, bronchus and lungs; of colon, rectum and anus; and of prostate.
- Male deaths due to these three groups of cancer were concentrated in the cancer of trachea, bronchus and lung.
- During the same period, 49.6% of female cancer deaths were due to the following three main groups of cancers: of trachea, bronchus and lungs; of breast; and of colon, rectum and anus.
- Female deaths due to these three groups of cancer were more evenly distributed among cancer of trachea, bronchus and lung, and cancer of breast.
- Recent trends indicate that female deaths due to cancer of trachea, bronchus and lung, are rising to the level of male deaths.
- Recent trends in age-standardized mortality rates for cancer of trachea, bronchus and lung show a rising trend among females and a descending trend among males.
- Age-standardized mortality rates for male prostate cancer and for female breast cancer decreased in recent years. However, the drop was sharper for the male prostate cancer compared to the female breast cancer.

Analysis

A. Number of deaths and age-standardized mortality rates, 1979 to 2004

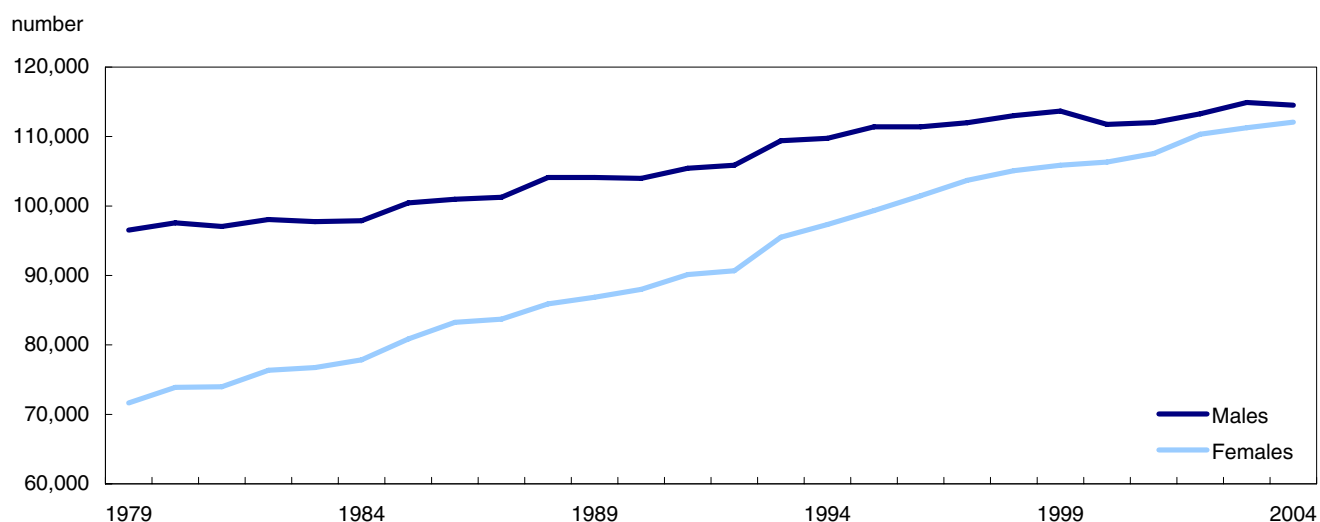
A.1. Annual number of deaths by sex

In 2004, 226,584 deaths were registered in Canada, 415 (or 0.2%) more, than in 2003.

From 1979 to 2004, the annual number of male deaths rose slightly, from 96,532 to 114,513. Since 2000, the number of male deaths appears to be levelling off. During the same 25-year period, the annual number of female deaths rose sharply, from 71,651 in 1979 to 112,071 in 2004.

In 1979, male deaths accounted for 57.4% of all deaths; female deaths accounted for only 42.6%. By 2004, the male share of deaths had fallen to 50.5%, and the female share had risen to 49.5%.

Chart 1
Annual number of deaths, by sex, Canada, 1979 to 2004



A.2. Age-standardized mortality rates by sex

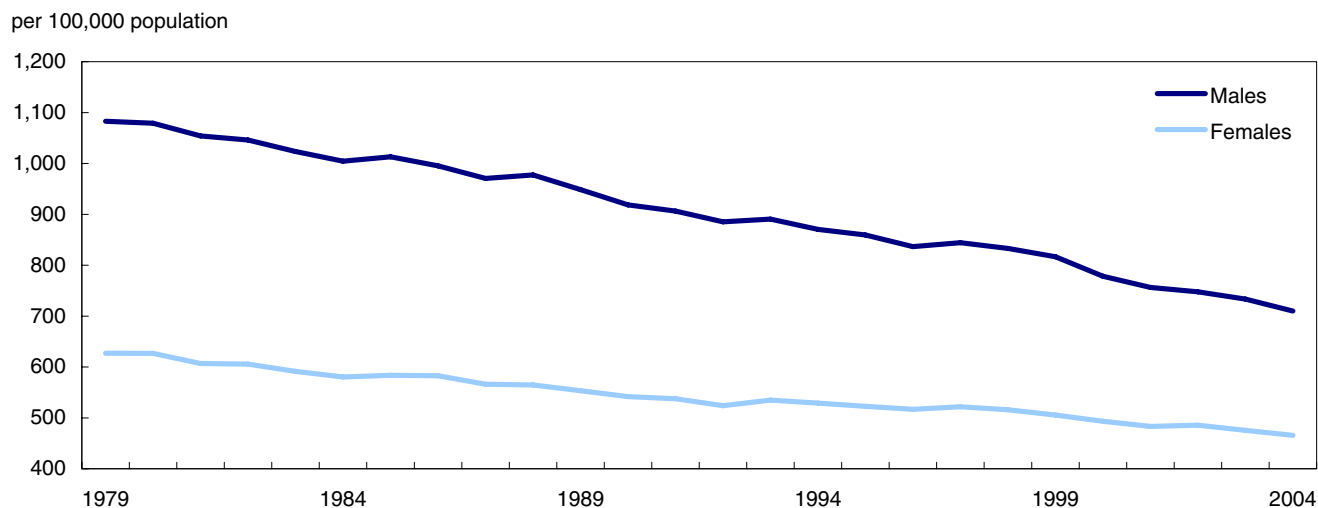
In 2004, Canada's age-standardized mortality rate was 572 deaths per 100,000 population, down 2.6% from 587 in 2003.

Males' age-standardized mortality rate was 710 deaths per 100,000 in 2004, down 3.1% from 2003 and down 34% from 1,083 in 1979.

Females' age-standardized mortality rate was 466 deaths per 100,000 in 2004, down 1.9% from 2003. It was also a 27% decrease from 1979, when females' age-standardized mortality rate was 627.

The gap between male and female age-standardized rates decreased by almost half over the period, from 456 deaths per 100,000 in 1979 to 244 in 2004 (Chart 2).

Chart 2
Age-standardized mortality rate, by sex, Canada, 1979 to 2004



B. Trends for two main causes of death by sex, 1979 to 2004

From 1979 to 1999, Statistics Canada used the Ninth Revision of the World Health Organization's International Classification of Diseases (ICD-9) to classify causes of death. Beginning in 2000 Statistics Canada and the provincial and territorial vital statistics registries implemented a new revision, ICD-10.

The implementation caused some ripples in the data series on causes of death. However, the trends for the two main groups of causes of death discussed in this study were little affected. The comparability ratios were close to 1 (see Comparability of ICD-10 and ICD-9 for Mortality Statistics in Canada, catalogue no. 84-548-XIE, 2005).

Major cardiovascular diseases and malignant neoplasm, the two main groups of causes of death, were selected for this analysis.

For major cardiovascular diseases, hereafter referred to as 'cardiovascular diseases', these categories of codes are used:

- ICD-9, codes 320-434, 436-448 (from 1979 to 1999)
- ICD-10, codes I00-I78 (from 2000 to 2004).

For malignant neoplasm, hereafter referred to as 'cancer', these categories of codes are used:

- ICD-9, codes 140-208 (from 1979 to 1999)
- ICD-10, codes C00-C97 (from 2000 to 2004).

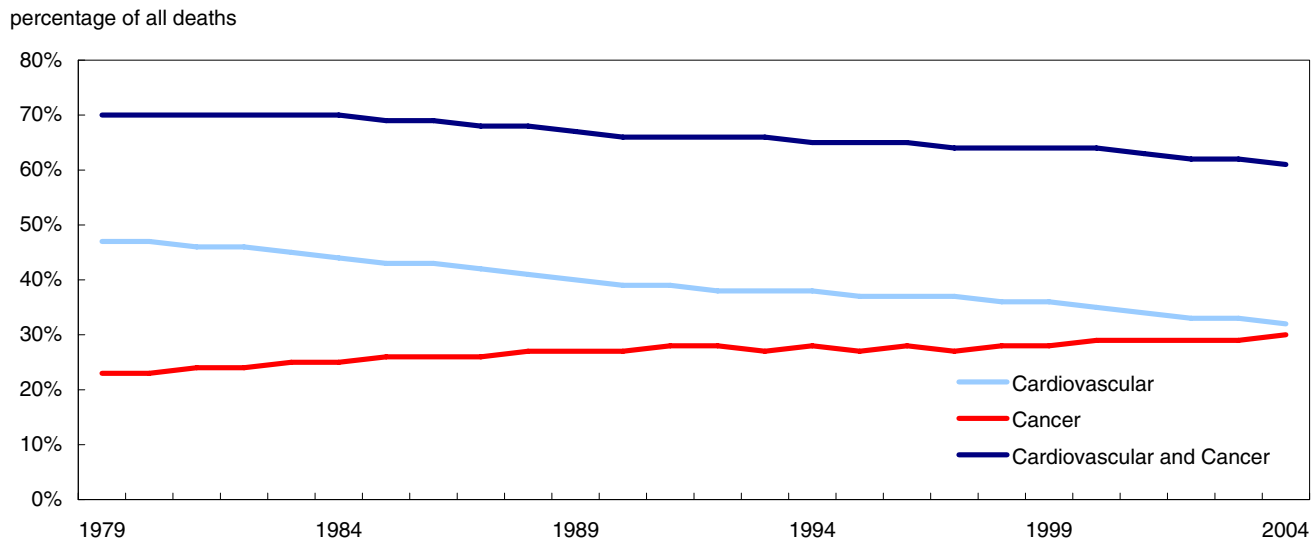
The analysis is differentiated by sex because cause-of-death trends vary considerably by sex.

B.1. Cardiovascular and cancer deaths

In 2004, cardiovascular and cancer deaths accounted for 61.5% of all deaths. Cardiovascular diseases accounted for 31.9% of deaths and cancer, 29.5%.

Cardiovascular diseases have been the main cause of death in Canada in the last 25 years. However, their share declined to 32% in 2004 from 47% in 1979. The second main cause of death has been cancer, and its share has been growing. Cancer was responsible for 23% of deaths in 1979, and 30% in 2004. With the declining trend of the former and the rising trend of the latter, cancer may soon catch up with — and eventually surpass — cardiovascular diseases as the main cause of death (Chart 3).

Chart 3
Percentage share of deaths due to cardiovascular diseases, cancer and both causes, Canada, 1979 to 2004



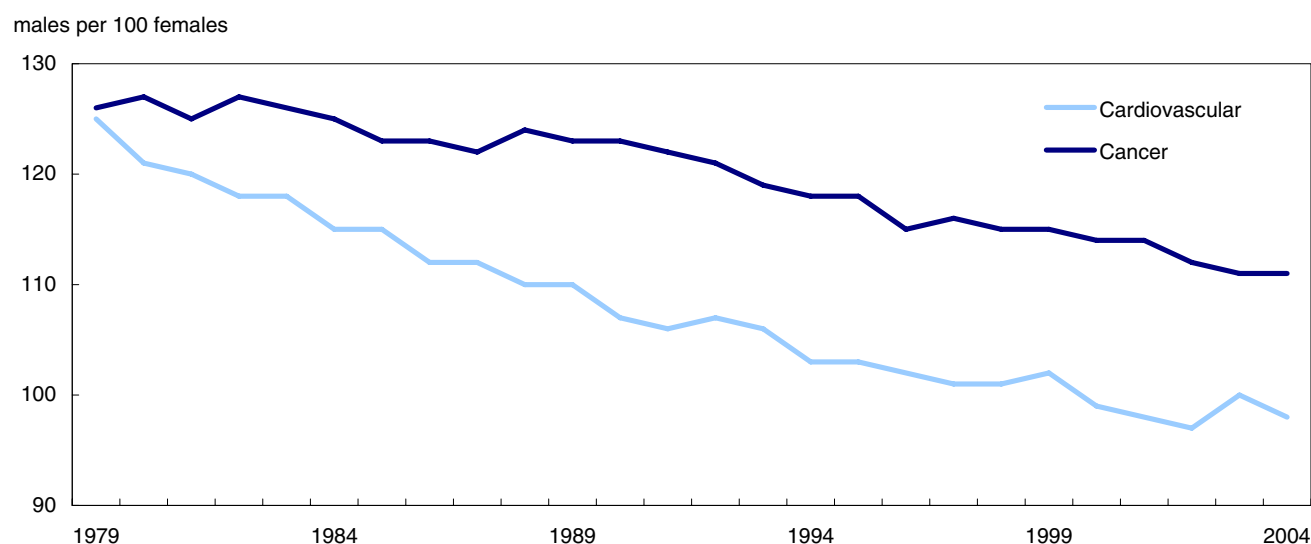
B.2. Sex ratios of cardiovascular and cancer deaths

From 1979 to 2004, the sex ratio for deaths due to cardiovascular diseases decreased sharply, from 125 to 101 males per 100 females. Thus, in 2004 the number of male and female deaths due to cardiovascular diseases were almost equal — a trend seen since 1997.

From 1979 to 2004, the sex ratio for deaths due to cancer declined gradually, from 126 to 111 males per 100 females.

In 2004, 53% of the people who died due to cancer were males.

Chart 4
Sex ratio of deaths due to cardiovascular diseases and cancer, Canada, 1979 to 2004



C. Cardiovascular and cancer deaths, 2000 to 2004

C.1. Cardiovascular deaths (I00-I78)

From 2000 to 2004, the main cause of death in Canada was cardiovascular diseases.

C.1.1. Annual number of cardiovascular deaths by sex

From 2000 to 2004, a cumulative total of 370,861 died of cardiovascular diseases: 184,282 were males and 186,579 were females (Table 1).

During this period, annual deaths due to cardiovascular diseases fell 4.9%, from 76,046 to 72,338 deaths. Male deaths fell by 5.5%, while female deaths fell by 4.3%.

Text table 1

Number of annual deaths due to cardiovascular diseases and cancer, by sex, Canada, 2000 to 2004

Year	Cardiovascular diseases			Cancer		
	Both sexes	Males	Females	Both sexes	Males	Females
	number					
2000	76,046	37,914	38,132	62,672	33,360	29,312
2001	74,441	36,912	37,529	63,774	34,023	29,751
2002	74,209	36,605	37,604	65,103	34,415	30,688
2003	73,827	37,004	36,823	65,990	34,701	31,289
2004	72,338	35,847	36,491	66,947	35,156	31,791
2000 to 2004	370,861	184,282	186,579	324,486	171,655	152,831

C.1.2. Age-standardized mortality rates for cardiovascular diseases by sex

From 2000 to 2004, the age-standardized mortality rate for cardiovascular diseases dropped 16%, from 209 to 176 deaths per 100,000. The rates for each sex also dropped 16%, from 268 to 224 deaths per 100,000 for males and from 164 to 138 deaths per 100,000 for females (Table 2).

In 2000, the male age-standardized mortality rate for cardiovascular diseases was 64% higher than the female rate; by 2004, this gap had narrowed slightly to 62%.

Text table 2

Age-standardized mortality rates¹ for cardiovascular diseases and cancer, by sex, Canada, 2000 to 2004

Year	Cardiovascular diseases			Cancer		
	Both sexes	Males	Females	Both sexes	Males	Females
	rate ¹					
2000	209.1	268.3	164.0	180.4	225.3	149.4
2001	197.5	252.6	155.4	178.7	223.8	147.6
2002	192.1	244.9	151.9	178.2	220.5	149.3
2003	185.0	238.4	144.0	175.6	215.3	148.1
2004	175.6	223.7	137.9	173.7	212.1	147.0

1. Age-standardized mortality rate per 100,000 population.

C.2. Cancer (C00-C97)

From 2000 to 2004, the second main cause of death for Canadians was cancer.

C.2.1. Annual number of cancer deaths by sex

The cumulative number of cancer deaths from 2000 to 2004 was 324,486: 171,655 were males and 152,831 were females.

Annual deaths due to cancer increased 6.8% in this period, from 62,672 to 66,947. The rise was greater for females, 8.5%, than for males, 5.4%.

From 2000 to 2004, the gap between — or, more precisely, the ratio of — male to female age-standardized mortality rates for cancer narrowed a slight 7%, from 151 to 144 males per 100 females.

C.2.2. Age-standardized mortality rates for cancer by sex

From 2000 to 2004, the age-standardized mortality rate for cancer dropped 3%, from 180 to 174 deaths per 100,000 population. The rate for males fell 8%, from 225 to 212 per 100,000. For females, it slipped just 1%, from 149 to 147 deaths per 100,000.

In 2000, the male age-standardized mortality rate for cancer was 51% higher than the female rate; by 2004, this gap had narrowed to 44%.

C.3. Comparison between cardiovascular and cancer deaths by sex

The cumulative total of annual deaths from 2000 to 2004 due to cardiovascular diseases was 14% lower than the cumulative deaths due to cancer.

Analysis of the two main causes of deaths in Canada shows the following.

- From 1979 to 2004, the number of deaths due to cardiovascular diseases fell sharply, while deaths due to cancer rose. The shares of deaths due to these diseases converged at around 30% in 2004 (Chart 3).
- From 2000 to 2004, more females than males died of cardiovascular diseases — 2,297 (or 1%) of excess female deaths (Table 1).
- More males than females were killed by cancer from 2000 to 2004 — 18,824 (or 12%) of excess male deaths (Table 1).

- From 2000 to 2004, the age-standardized mortality rates for cardiovascular diseases and cancer converged at around 175 deaths per 100,000 population, mainly the result of a sharp drop in the age-standardized mortality rate for cardiovascular diseases (Table 2).
- In 2000, both males and females had higher age-standardized mortality rates for cardiovascular diseases than for cancer; however, in 2003 and 2004, female standardized rates for cancer were higher than those for cardiovascular diseases.
- In 2004, male age-standardized mortality rates for cardiovascular diseases were 62% higher than female rates (unchanged from 2000).
- In 2004, male age-standardized mortality rates for cancer were 44% higher than female rates, a decline in the 51% gap posted in 2000.

D. The two main causes of cancer deaths, 2000 to 2004

Cancer of the trachea, bronchus and lung, and cancer of the colon, rectum and anus were the two main groups of cancer deaths in Canada, from 2000 to 2004 (Table 3).

During this period, the cumulative five-year annual number of deaths due to these two cancers was 119,475, comprising 37% of all deaths due to cancer. Of these deaths, 68,476 (57%) were males and 50,999 (43%) were females.

D.1. Cancer of trachea, bronchus and lung

Cancer of the trachea, bronchus and lung was the main cause of death due to cancer from 2000 to 2004.

D.1.1. Annual number of deaths by sex

From 2000 to 2004, the cumulative number of deaths due to cancer of the trachea, bronchus and lung was 84,921, comprising 26% of all cancer deaths. Of these deaths, 50,115 (59%) were males and 34,806 (41%) were females (Table 3).

During this period, annual deaths due to cancer of the trachea, bronchus and lung increased 9%, from 16,134 to 17,653. Annual number of male deaths due to cancer of the trachea, bronchus and lung rose 5%, from 9,650 to 10,136. Female deaths of this cancer were up 16%, from 6,484 to 7,517 — three times the rate of increase of male deaths.

More men than women died of cancer of the trachea, bronchus and lung during the period. The sex ratio of annual number of deaths due to this cancer decreased from 149 to 135 males per 100 females. This indicates that the gap between the sexes is narrowing for the number of deaths due to this cancer.

D.1.2. Age-standardized mortality rates by sex

From 2000 to 2004, the age-standardized mortality rate for cancer of the trachea, bronchus and lung decreased 1%, from 47.1 to 46.6 deaths per 100,000 population (Table 3).

During this period, the male age-standardized mortality rate for cancer of the trachea, bronchus and lung decreased 6%, from 64.3 to 60.6 deaths per 100,000. The female rate increased 5%, from 34.4 to 36.2 per 100,000.

In 2000, male age-standardized mortality rates for cancer of the trachea, bronchus and lung were 87% higher than female rates; by 2004, this gap had narrowed considerably to 67%.

Text table 3

Annual number of deaths and age-standardized mortality rates¹ for two main cancer deaths, by sex, Canada, 2000 to 2004

Causes of deaths	2000		2001		2002		2003		2004		2000 to 2004
	number	rate	number	rate	number	rate	number	rate	number	rate	
Both sexes											
All cancers	62,672	180.4	63,774	178.7	65,103	178.2	65,990	175.6	66,947	173.7	324,486
Cancer of trachea, bronchus and lung	16,134	47.1	16,572	47.3	17,188	47.8	17,374	47.0	17,653	46.6	84,921
Cancer of colon, rectum and anus	6,643	19.0	6,631	18.4	7,023	19.1	6,938	18.3	7,319	18.7	34,554
Males											
All cancers	33,360	225.3	34,023	223.8	34,415	220.5	34,701	215.3	35,156	212.1	171,655
Cancer of trachea, bronchus and lung	9,650	64.3	9,931	64.6	10,195	64.5	10,203	62.7	10,136	60.6	50,115
Cancer of colon, rectum and anus	3,549	24.0	3,465	22.8	3,754	24.1	3,711	23.0	3,882	23.5	18,361
Females											
All cancers	29,312	149.4	29,751	147.6	30,688	149.3	31,289	148.1	31,791	147.0	152,831
Cancer of trachea, bronchus and lung	6,484	34.4	6,641	34.4	6,993	35.3	7,171	35.4	7,517	36.2	34,806
Cancer of colon, rectum and anus	3,094	15.1	3,166	14.9	3,269	15.2	3,227	14.6	3,437	15.0	16,193

1. Age-standardized mortality rate per 100,000 population.

D.2. Cancer of colon, rectum and anus

Cancer of the colon, rectum and anus was the second main cause of deaths due to cancer from 2000 to 2004.

D.2.1. Annual number of deaths by sex

The cumulative number of deaths over the five-year period due to cancer of colon, rectum and anus was 34,554: 18,361 males and 16,193 females (Table 3).

During this period, annual deaths due to cancer of the colon, rectum and anus rose 10%, from 6,643 to 7,319. Annual male deaths increased 9%, from 3,549 to 3,882. Female deaths rose 11%, from 3,094 to 3,437.

From 2000 to 2004, more men than women died due to cancer of the colon, rectum and anus. During this period, the sex ratio of annual number deaths for this cancer remained relatively stable, at around 113 males per 100 females.

D.2.2. Age-standardized mortality rates by sex

From 2000 to 2004, the age-standardized mortality rate for cancer of the colon, rectum and anus decreased slightly, from 19.0 to 18.7 deaths per 100,000 population (Table 3).

During this period, the male age-standardized mortality rate for cancer of the colon, rectum and anus fell 2%, from 24.0 to 23.5 deaths per 100,000, while female rates hovered around 15.0 deaths per 100,000.

E. Selected cancer deaths by sex, 2000 to 2004

E.1. Selected male cancer deaths

The three main cancers responsible for male deaths were cancer of the trachea, bronchus and lung; cancer of the colon, rectum and anus; and cancer of the prostate.

E.1.1. Annual number of male deaths due to cancer

From 2000 to 2004, these three groups of cancer killed 87,070 males in Canada — 50.7% of all male deaths due to cancer (Table 4).

The shares of each category of cancer deaths during this period were:

- cancer of the trachea, bronchus and lung accounted for 29.2% of all male cancer deaths;

- cancer of the colon, rectum and anus accounted for 10.7% of all male cancer deaths;
- cancer of the prostate accounted for 10.8% of all male cancer deaths.

From 2000 to 2004, the annual number of deaths due to prostate cancer remained relatively stable at approximately 3,700.

E.1.2. Age-standardized mortality rates for males

The age-standardized mortality rate for male prostate cancer decreased from 2000 to 2004 from 26.7 to 23.4 deaths per 100,000 population (Table 4).

Text table 4

Annual number of deaths and age-standardized mortality rates¹ for selected male and female cancer deaths, Canada, 2000 to 2004

Causes of deaths	2000		2001		2002		2003		2004		2000 to 2004
	number	rate	number	rate	number	rate	number	rate	number	rate	
Males											
All cancers	33,360	225.3	34,023	223.8	34,415	220.5	34,701	215.3	35,156	212.1	171,655
Cancer of trachea, bronchus and lung	9,650	64.3	9,931	64.6	10,195	64.5	10,203	62.7	10,136	60.6	50,115
Cancer of colon, rectum and anus	3,549	24.0	3,465	22.8	3,754	24.1	3,711	23.0	3,882	23.5	18,361
Cancer of prostate	3,718	26.7	3,825	26.6	3,708	25.2	3,658	24.1	3,685	23.4	18,594
Females											
All cancers	29,312	149.4	29,751	147.6	30,688	149.3	31,289	148.1	31,791	147.0	152,831
Cancer of trachea, bronchus and lung	6,484	34.4	6,641	34.4	6,993	35.3	7,171	35.4	7,517	36.2	34,806
Cancer of colon, rectum and anus	4,857	25.0	4,968	24.9	4,977	24.4	5,060	24.1	4,964	23.1	24,826
Cancer of prostate	3,094	15.1	3,166	14.9	3,269	15.2	3,227	14.6	3,437	15.0	16,193

1. Age-standardized mortality rate per 100,000 population.

E.2. Selected female cancer deaths

The three main cancers responsible for female deaths were cancer of the trachea, bronchus and lung; cancer of the breast; and cancer of the colon, rectum and anus.

E.2.1. Annual number of female deaths due to cancer

From 2000 to 2004, the three main categories of cancers killed 75,825 females in Canada — 49.6% of all female deaths due to cancer (Table 4).

The share of each category of cancer deaths during this period were:

- cancer of the trachea, bronchus and lung caused 22.8% of all female cancer deaths;
- breast cancer caused 16.2% of all female cancer deaths;
- cancer of the colon, rectum and anus caused 10.6% of all female cancer deaths.

The annual number of deaths from 2000 to 2004 due to breast cancer increased a slight 2%, from 4,857 to 4,964.

E.2.2. Age-standardized mortality rates for females

The age-standardized mortality rate for female breast cancer fell 8%, from 25.0 deaths per 100,000 population in 2000 to 23.1 in 2004 (Table 4).

E.3. Comparison of male versus female deaths due to selected cancers

The following are the main differences in the number of male and female deaths due to selected cancers:

- The relative share of all three main categories combined of male cancer deaths, 50.9%, was similar to the relative share of all three main categories combined of female cancer deaths, 49.6%. However, the relative share of each individual category of cancer varied between the sexes.
- Male deaths due to cancer were concentrated in cancer of the trachea, bronchus and lung.
- Female deaths due to cancer were more evenly distributed among cancer of the trachea, bronchus and lung, and breast cancer.
- Recent trends indicate that female deaths due to cancer of the trachea, bronchus and lung, are getting closer to the level of male deaths.
- Deaths due to male-specific prostate cancer and female-specific breast cancer were relatively stable from 2000 to 2004.
- The narrowing of the gap between the number of overall male deaths and overall female deaths seen in Chart 1 may be partly explained by the narrowing of the gap between the number of deaths for each sex due to the two main causes of death: cardiovascular diseases and cancer (Charts 2, 3 and 4).

The following are the main differences in the male and female age-standardized mortality rates for selected cancers:

- Recent trends in age-standardized mortality rates for cancer of the trachea, bronchus and lung show a rising trend among females and a descending trend among males.
- Age-standardized mortality rates for male prostate cancer and female breast cancer decreased in recent years. However, the drop was sharper for the male prostate cancer rate than for female breast cancer.

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

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

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, Provinces and Territories

Selected summary tables 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 province*
- *Age-standardized mortality rates by selected causes, by sex*

Statistical tables

Table 1-1
Deaths by selected grouped causes, sex and geography — Canada¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{3, 4, 5}	226,584	114,513	112,071	708.6	723.2	694.4	571.9	710.0	465.6
Salmonella infections (A01-A02)	5	3	2	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	1,022	424	598	3.2	2.7	3.7	2.5	2.7	2.3
Tuberculosis (A16-A19)	70	42	28	0.2	0.3	0.2	0.2	0.2	0.1
Respiratory tuberculosis (A16)	59	36	23	0.2	0.2	0.1	0.1	0.2	0.1
Other tuberculosis (A17-A19)	11	6	5	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)	14	6	8	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	1,608	737	871	5.0	4.7	5.4	4.0	4.6	3.6
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)	409	267	142	1.3	1.7	0.9	1.0	1.4	0.7
Human immunodeficiency virus [HIV] disease (B20-B24)	420	345	75	1.3	2.2	0.5	1.2	1.9	0.4
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	443	207	236	1.4	1.3	1.5	1.1	1.3	1.0
Malignant neoplasms (C00-C97)	66,947	35,156	31,791	209.4	222.0	197.0	173.7	212.1	147.0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1,067	699	368	3.3	4.4	2.3	2.8	4.1	1.7
Malignant neoplasm of oesophagus (C15)	1,488	1,112	376	4.7	7.0	2.3	3.9	6.5	1.7
Malignant neoplasm of stomach (C16)	1,919	1,163	756	6.0	7.3	4.7	5.0	7.0	3.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	7,319	3,882	3,437	22.9	24.5	21.3	18.7	23.5	15.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1,510	974	536	4.7	6.2	3.3	4.0	5.7	2.5
Malignant neoplasm of pancreas (C25)	3,577	1,751	1,826	11.2	11.1	11.3	9.3	10.4	8.2
Malignant neoplasm of larynx (C32)	446	360	86	1.4	2.3	0.5	1.2	2.2	0.4
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	17,653	10,136	7,517	55.2	64.0	46.6	46.6	60.6	36.2
Malignant melanoma of skin (C43)	790	489	301	2.5	3.1	1.9	2.1	2.9	1.5
Malignant neoplasm of breast (C50)	4,998	34	4,964	15.6	0.2	30.8	12.8	0.2	23.1
Malignant neoplasm of cervix uteri (C53)	...	...	388	...	...	2.4	...	...	2.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	734	...	...	4.5	...	...	3.4
Malignant neoplasm of ovary (C56)	...	...	1,590	...	...	9.9	...	...	7.5
Malignant neoplasm of prostate (C61)	...	3,685	...	...	23.3	...	...	23.4	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	1,486	937	549	4.6	5.9	3.4	3.8	5.5	2.5
Malignant neoplasm of bladder (C67)	1,634	1,131	503	5.1	7.1	3.1	4.1	7.1	2.1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	1,609	925	684	5.0	5.8	4.2	4.4	5.4	3.5
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	6,287	3,449	2,838	19.7	21.8	17.6	16.4	20.8	13.0
Hodgkin's disease (C81)	127	73	54	0.4	0.5	0.3	0.4	0.4	0.3
Non-Hodgkin's lymphoma (C82-C85)	2,650	1,394	1,256	8.3	8.8	7.8	6.9	8.3	5.8
Leukaemia (C91-C95)	2,256	1,309	947	7.1	8.3	5.9	5.9	8.1	4.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	1,244	668	576	3.9	4.2	3.6	3.2	4.0	2.6
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	10	5	5	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)	8,767	4,429	4,338	27.4	28.0	26.9	22.6	26.9	19.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	1,375	708	667	4.3	4.5	4.1	3.5	4.4	2.8
Anaemias (D50-D64)	417	145	272	1.3	0.9	1.7	1.0	0.9	1.0
Diabetes mellitus (E10-E14)	7,823	4,020	3,803	24.5	25.4	23.6	19.6	24.8	15.8
Nutritional deficiencies (E40-E64)	246	97	149	0.8	0.6	0.9	0.6	0.6	0.6
Malnutrition (E40-E46)	213	83	130	0.7	0.5	0.8	0.5	0.6	0.5
Other nutritional deficiencies (E50-E64)	33	14	19	0.1	0.1	0.1	0.1	0.1	0.1
Meningitis (G00, G03)	53	29	24	0.2	0.2	0.1	0.2	0.2	0.1
Parkinson's disease (G20-G21)	1,657	917	740	5.2	5.8	4.6	4.0	5.8	2.8
Alzheimer's disease (G30)	5,536	1,596	3,940	17.3	10.1	24.4	12.7	10.5	13.7
Major cardiovascular diseases (I00-I78)	72,338	35,847	36,491	226.2	226.4	226.1	175.6	223.7	137.9
Diseases of heart (I00-I09, I11, I13, I20-I51)	52,000	27,076	24,924	162.6	171.0	154.4	126.8	168.1	94.6
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	429	145	284	1.3	0.9	1.8	1.1	0.9	1.2
Hypertensive heart disease (I11)	662	260	402	2.1	1.6	2.5	1.6	1.6	1.4
Hypertensive heart and renal disease (I13)	103	42	61	0.3	0.3	0.4	0.2	0.3	0.2
Ischaemic heart diseases (I20-I25)	39,311	21,571	17,740	122.9	136.2	109.9	96.2	133.3	67.6
Acute myocardial infarction (I21-I22)	18,125	10,232	7,893	56.7	64.6	48.9	44.7	62.7	30.9
Other acute ischaemic heart diseases (I24)	699	380	319	2.2	2.4	2.0	1.7	2.3	1.2

See footnotes at the end of the table.

Table 1-1 – continued

Deaths by selected grouped causes, sex and geography — Canada¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	20,487	10,959	9,528	64.1	69.2	59.0	49.8	68.3	35.5
Atherosclerotic cardiovascular disease, so described (I25.0)	1,493	875	618	4.7	5.5	3.8	3.8	5.3	2.5
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	18,994	10,084	8,910	59.4	63.7	55.2	46.0	62.9	33.0
Other heart diseases (I26-I51)	11,495	5,058	6,437	36.0	31.9	39.9	27.7	32.0	24.1
Acute and subacute endocarditis (I33)	71	38	33	0.2	0.2	0.2	0.2	0.2	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	100	58	42	0.3	0.4	0.3	0.3	0.3	0.2
Heart failure (I50)	4,430	1,766	2,664	13.9	11.2	16.5	10.2	11.7	9.2
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	6,894	3,196	3,698	21.6	20.2	22.9	17.0	19.8	14.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1,356	490	866	4.2	3.1	5.4	3.2	3.2	3.2
Cerebrovascular diseases (I60-I69)	14,626	5,959	8,667	45.7	37.6	53.7	34.9	37.9	32.4
Atherosclerosis (I70)	1,454	678	776	4.5	4.3	4.8	3.5	4.4	2.8
Other diseases of circulatory system (I71-I78)	2,902	1,644	1,258	9.1	10.4	7.8	7.2	10.2	5.0
Aortic aneurysm and dissection (I71)	1,861	1,131	730	5.8	7.1	4.5	4.7	7.0	3.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	1,041	513	528	3.3	3.2	3.3	2.5	3.3	2.0
Other disorders of circulatory system (I80-I99)	405	201	204	1.3	1.3	1.3	1.0	1.2	0.9
Influenza and pneumonia (J10-J18)	5,729	2,557	3,172	17.9	16.1	19.7	13.4	17.0	11.3
Influenza (J10-J11)	296	115	181	0.9	0.7	1.1	0.7	0.8	0.6
Pneumonia (J12-J18)	5,433	2,442	2,991	17.0	15.4	18.5	12.7	16.2	10.6
Other acute lower respiratory infections (J20-J22)	98	36	62	0.3	0.2	0.4	0.2	0.2	0.2
Acute bronchitis and bronchiolitis (J20-J21)	62	21	41	0.2	0.1	0.3	0.1	0.1	0.1
Unspecified acute lower respiratory infection (J22)	36	15	21	0.1	0.1	0.1	0.1	0.1	0.1
Chronic lower respiratory diseases (J40-J47)	10,041	5,324	4,717	31.4	33.6	29.2	24.8	33.8	19.4
Bronchitis, chronic and unspecified (J40-J42)	159	69	90	0.5	0.4	0.6	0.4	0.5	0.3
Emphysema (J43)	643	375	268	2.0	2.4	1.7	1.6	2.3	1.2
Asthma (J45-J46)	268	109	159	0.8	0.7	1.0	0.7	0.7	0.7
Other chronic lower respiratory diseases (J44, J47)	8,971	4,771	4,200	28.1	30.1	26.0	22.1	30.4	17.2
Pneumoconioses and chemical effects (J60-J66, J68)	78	73	5	0.2	0.5	0.0	0.2	0.4	0.0
Pneumonitis due to solids and liquids (J69)	1,209	670	539	3.8	4.2	3.3	2.9	4.4	2.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2,452	1,325	1,127	7.7	8.4	7.0	6.1	8.2	4.7
Peptic ulcer (K25-K28)	436	229	207	1.4	1.4	1.3	1.1	1.4	0.9
Diseases of appendix (K35-K38)	52	29	23	0.2	0.2	0.1	0.1	0.2	0.1
Hernia (K40-K46)	268	120	148	0.8	0.8	0.9	0.7	0.8	0.6
Chronic liver disease and cirrhosis (K70, K73-K74)	2,269	1,476	793	7.1	9.3	4.9	6.0	8.4	3.9
Alcoholic liver disease (K70)	1,116	811	305	3.5	5.1	1.9	3.0	4.5	1.6
Other chronic liver disease and cirrhosis (K73-K74)	1,153	665	488	3.6	4.2	3.0	3.0	3.9	2.3
Cholelithiasis and other disorders of gallbladder (K80-K82)	337	157	180	1.1	1.0	1.1	0.8	1.0	0.7
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	3,541	1,816	1,725	11.1	11.5	10.7	8.5	11.8	6.6
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	17	9	8	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)	49	24	25	0.2	0.2	0.2	0.1	0.2	0.1
Renal failure (N17-N19)	3,475	1,783	1,692	10.9	11.3	10.5	8.3	11.6	6.5
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	123	42	81	0.4	0.3	0.5	0.3	0.3	0.3
Hyperplasia of prostate (N40)	...	70	...	...	0.4	...	...	0.5	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	11	...	...	0.1	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	20	...	...	0.1	...	...	0.2
Pregnancy with abortive outcome (O00-O07)	...	...	1	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	19	...	...	0.1	...	...	0.1
Certain conditions originating in the perinatal period (P00-P96)	1,024	543	481	3.2	3.4	3.0	4.3	4.5	4.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	865	424	441	2.7	2.7	2.7	3.1	3.1	3.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	2,685	1,392	1,293	8.4	8.8	8.0	7.2	8.8	5.6
All other diseases (residual) ⁷	20,545	8,462	12,083	64.3	53.4	74.9	50.4	52.9	47.3
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	8,986	5,416	3,570	28.1	34.2	22.1	24.7	33.8	16.0
Transport accidents (V01-V99, Y85)	3,084	2,228	856	9.6	14.1	5.3	9.4	14.0	5.0
Motor vehicle accidents ⁸	2,834	2,006	828	8.9	12.7	5.1	8.7	12.7	4.9
Other land transport accidents ⁹	62	56	6	0.2	0.4	0.0	0.2	0.4	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	188	166	22	0.6	1.0	0.1	0.5	1.0	0.1
Nontransport accidents (W00-X59, Y86)	5,902	3,188	2,714	18.5	20.1	16.8	15.2	19.9	11.0
Falls (W00-W19)	2,229	1,080	1,149	7.0	6.8	7.1	5.4	6.8	4.3
Accidental discharge of firearms (W32-W34)	23	21	2	0.1	0.1	0.0	0.1	0.1	0.0
Accidental drowning and submersion (W65-W74)	251	201	50	0.8	1.3	0.3	0.8	1.3	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	235	139	96	0.7	0.9	0.6	0.7	0.8	0.6
Accidental poisoning and exposure to noxious substances (X40-X49)	954	681	273	3.0	4.3	1.7	2.8	4.1	1.6

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 and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	2,210	1,066	1,144	6.9	6.7	7.1	5.5	6.7	4.2
Intentional self-harm (suicide) (X60-X84, Y87.0)	3,613	2,734	879	11.3	17.3	5.4	10.8	16.6	5.1
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	568	541	27	1.8	3.4	0.2	1.6	3.2	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	3,045	2,193	852	9.5	13.8	5.3	9.2	13.4	5.0
Assault (homicide) (X85-Y09, Y87.1)	515	367	148	1.6	2.3	0.9	1.7	2.4	0.9
Assault (homicide) by discharge of firearms (X93-X95)	149	125	24	0.5	0.8	0.1	0.5	0.9	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	366	242	124	1.1	1.5	0.8	1.2	1.5	0.8
Legal intervention (Y35, Y89.0)	13	13	0	0.0	0.1	0.0	0.0	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	637	406	231	2.0	2.6	1.4	1.9	2.4	1.3
Discharge of firearms, undetermined intent (Y22-Y24)	3	3	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)	634	403	231	2.0	2.5	1.4	1.8	2.4	1.3
Operations of war and their sequelae (Y36, Y89.1)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	176	83	93	0.6	0.5	0.6	0.5	0.5	0.4

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	4,308	2,300	2,008	832.8	904.3	763.6	687.4	884.0	540.0
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)	3	1	2	0.6	0.4	0.8	0.5	0.4	0.6
Tuberculosis (A16-A19)	7	4	3	1.4	1.6	1.1	1.1	1.4	0.8
Respiratory tuberculosis (A16)	5	2	3	1.0	0.8	1.1	0.9	0.8	0.8
Other tuberculosis (A17-A19)	2	2	0	0.4	0.8	0.0	0.3	0.6	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)	21	11	10	4.1	4.3	3.8	3.3	4.4	2.6
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)	1	1	0	0.2	0.4	0.0	0.2	0.4	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	4	4	0	0.8	1.6	0.0	0.8	1.6	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	4	2	2	0.8	0.8	0.8	0.6	0.8	0.5
Malignant neoplasms (C00-C97)	1,131	630	501	218.6	247.7	190.5	181.2	231.1	146.0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	11	8	3	2.1	3.1	1.1	1.7	3.1	0.8
Malignant neoplasm of oesophagus (C15)	19	13	6	3.7	5.1	2.3	2.8	3.9	1.8
Malignant neoplasm of stomach (C16)	57	28	29	11.0	11.0	11.0	9.0	10.1	7.9
Malignant neoplasms of colon, rectum and anus (C18-C21)	173	96	77	33.4	37.7	29.3	27.5	35.0	22.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	25	13	12	4.8	5.1	4.6	4.1	4.7	3.3
Malignant neoplasm of pancreas (C25)	43	23	20	8.3	9.0	7.6	6.9	8.6	5.5
Malignant neoplasm of larynx (C32)	6	5	1	1.2	2.0	0.4	1.0	1.9	0.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	274	169	105	53.0	66.4	39.9	44.5	62.0	31.3
Malignant melanoma of skin (C43)	9	7	2	1.7	2.8	0.8	1.4	2.5	0.6
Malignant neoplasm of breast (C50)	64	0	64	12.4	0.0	24.3	10.1	0.0	18.8
Malignant neoplasm of cervix uteri (C53)	...	...	12	...	...	4.6	...	...	3.7
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	8	...	...	3.0	...	...	2.4
Malignant neoplasm of ovary (C56)	...	...	20	...	...	7.6	...	...	6.2
Malignant neoplasm of prostate (C61)	...	76	...	...	29.9	...	...	30.5	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	35	22	13	6.8	8.7	4.9	5.5	8.4	3.5
Malignant neoplasm of bladder (C67)	16	13	3	3.1	5.1	1.1	2.5	4.8	0.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	19	12	7	3.7	4.7	2.7	2.9	3.9	1.9
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	70	41	29	13.5	16.1	11.0	11.4	14.2	8.9
Hodgkin's disease (C81)	2	1	1	0.4	0.4	0.4	0.4	0.4	0.2
Non-Hodgkin's lymphoma (C82-C85)	27	14	13	5.2	5.5	4.9	4.3	4.6	4.1
Leukaemia (C91-C95)	24	17	7	4.6	6.7	2.7	4.0	6.1	2.2
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	16	9	7	3.1	3.5	2.7	2.5	3.1	1.9
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	0	1	0.2	0.0	0.4	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)	194	104	90	37.5	40.9	34.2	31.0	37.3	25.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	20	12	8	3.9	4.7	3.0	3.1	4.3	2.0
Anaemias (D50-D64)	6	3	3	1.2	1.2	1.1	1.0	1.3	0.7
Diabetes mellitus (E10-E14)	256	124	132	49.5	48.8	50.2	40.2	47.9	34.0
Nutritional deficiencies (E40-E64)	2	2	0	0.4	0.8	0.0	0.3	0.9	0.0
Malnutrition (E40-E46)	2	2	0	0.4	0.8	0.0	0.3	0.9	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)	23	16	7	4.4	6.3	2.7	3.6	6.6	2.0
Alzheimer's disease (G30)	133	40	93	25.7	15.7	35.4	20.6	16.2	23.1
Major cardiovascular diseases (I00-I78)	1,629	861	768	314.9	338.5	292.1	254.5	330.0	195.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	1,153	635	518	222.9	249.7	197.0	180.1	239.6	132.0
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	6	1	5	1.2	0.4	1.9	1.1	0.4	1.7
Hypertensive heart disease (I11)	25	11	14	4.8	4.3	5.3	3.7	4.1	3.0
Hypertensive heart and renal disease (I13)	3	0	3	0.6	0.0	1.1	0.5	0.0	0.8
Ischaemic heart diseases (I20-I25)	903	519	384	174.6	204.1	146.0	141.3	194.1	99.2
Acute myocardial infarction (I21-I22)	343	193	150	66.3	75.9	57.0	54.1	72.9	39.8
Other acute ischaemic heart diseases (I24)	6	5	1	1.2	2.0	0.4	0.9	1.7	0.2

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)	554	321	233	107.1	126.2	88.6	86.2	119.6	59.2
Atherosclerotic cardiovascular disease, so described (I25.0)	151	96	55	29.2	37.7	20.9	23.8	34.6	15.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	403	225	178	77.9	88.5	67.7	62.4	85.0	44.1
Other heart diseases (I26-I51)	216	104	112	41.8	40.9	42.6	33.6	41.0	27.4
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)	93	36	57	18.0	14.2	21.7	14.3	14.9	13.3
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	123	68	55	23.8	26.7	20.9	19.3	26.1	14.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	63	28	35	12.2	11.0	13.3	9.6	11.8	8.2
Cerebrovascular diseases (I60-I69)	308	135	173	59.5	53.1	65.8	48.1	53.6	44.1
Atherosclerosis (I70)	24	13	11	4.6	5.1	4.2	3.7	5.1	2.8
Other diseases of circulatory system (I71-I78)	81	50	31	15.7	19.7	11.8	12.9	19.9	8.3
Aortic aneurysm and dissection (I71)	57	36	21	11.0	14.2	8.0	9.2	13.9	5.9
Other diseases of arteries, arterioles and capillaries (I72-I78)	24	14	10	4.6	5.5	3.8	3.7	6.0	2.3
Other disorders of circulatory system (I80-I99)	11	5	6	2.1	2.0	2.3	1.8	1.7	2.1
Influenza and pneumonia (J10-J18)	82	44	38	15.9	17.3	14.5	12.7	19.3	9.3
Influenza (J10-J11)	2	0	2	0.4	0.0	0.8	0.3	0.0	0.5
Pneumonia (J12-J18)	80	44	36	15.5	17.3	13.7	12.4	19.3	8.8
Other acute lower respiratory infections (J20-J22)	8	6	2	1.5	2.4	0.8	1.3	2.2	0.4
Acute bronchitis and bronchiolitis (J20-J21)	2	1	1	0.4	0.4	0.4	0.3	0.4	0.2
Unspecified acute lower respiratory infection (J22)	6	5	1	1.2	2.0	0.4	1.0	1.9	0.2
Chronic lower respiratory diseases (J40-J47)	181	115	66	35.0	45.2	25.1	28.6	46.7	18.2
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Emphysema (J43)	9	3	6	1.7	1.2	2.3	1.4	1.1	1.7
Asthma (J45-J46)	7	3	4	1.4	1.2	1.5	1.0	1.2	1.0
Other chronic lower respiratory diseases (J44, J47)	165	109	56	31.9	42.9	21.3	26.1	44.4	15.5
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)	16	10	6	3.1	3.9	2.3	2.5	3.9	1.7
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	44	19	25	8.5	7.5	9.5	6.7	6.7	6.6
Peptic ulcer (K25-K28)	5	3	2	1.0	1.2	0.8	0.8	1.1	0.6
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	3	0	3	0.6	0.0	1.1	0.5	0.0	1.0
Chronic liver disease and cirrhosis (K70, K73-K74)	25	20	5	4.8	7.9	1.9	4.2	7.2	1.5
Alcoholic liver disease (K70)	10	9	1	1.9	3.5	0.4	1.7	3.0	0.4
Other chronic liver disease and cirrhosis (K73-K74)	15	11	4	2.9	4.3	1.5	2.6	4.2	1.1
Cholelithiasis and other disorders of gallbladder (K80-K82)	8	3	5	1.5	1.2	1.9	1.3	1.3	1.5
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	91	43	48	17.6	16.9	18.3	14.1	17.1	12.3
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	0	1	0.2	0.0	0.4	0.1	0.0	0.2
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	1	0	1	0.2	0.0	0.4	0.1	0.0	0.2
Renal failure (N17-N19)	89	43	46	17.2	16.9	17.5	13.8	17.1	11.8
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	1	1	0	0.2	0.4	0.0	0.2	0.6	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	...	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	1	...	...	0.4	...	...	0.4
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	1	...	...	0.4	...	...	0.4
Certain conditions originating in the perinatal period (P00-P96)	11	5	6	2.1	2.0	2.3	3.5	3.1	4.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	17	7	10	3.3	2.8	3.8	3.4	2.4	4.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	52	21	31	10.1	8.3	11.8	8.8	10.8	7.1
All other diseases (residual) ⁷	322	150	172	62.2	59.0	65.4	52.0	59.5	45.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	127	88	39	24.6	34.6	14.8	22.2	34.4	10.9
Transport accidents (V01-V99, Y85)	42	33	9	8.1	13.0	3.4	8.1	13.1	3.3
Motor vehicle accidents ⁸	39	30	9	7.5	11.8	3.4	7.6	12.1	3.3
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)	3	3	0	0.6	1.2	0.0	0.5	1.0	0.0
Nontransport accidents (W00-X59, Y86)	85	55	30	16.4	21.6	11.4	14.0	21.3	7.7
Falls (W00-W19)	18	13	5	3.5	5.1	1.9	2.9	4.9	1.3
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	9	9	0	1.7	3.5	0.0	1.6	3.3	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	1	1	0	0.2	0.4	0.0	0.2	0.4	0.0
Accidental poisoning and exposure to noxious substances (X40-X49)	8	7	1	1.5	2.8	0.4	1.4	2.7	0.4

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 and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	49	25	24	9.5	9.8	9.1	7.9	9.9	6.0
Intentional self-harm (suicide) (X60-X84, Y87.0)	53	41	12	10.2	16.1	4.6	9.7	15.4	4.4
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	15	14	1	2.9	5.5	0.4	2.8	5.1	0.5
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	38	27	11	7.3	10.6	4.2	7.0	10.3	3.8
Assault (homicide) (X85-Y09, Y87.1)	1	1	0	0.2	0.4	0.0	0.1	0.4	0.0
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	1	1	0	0.2	0.4	0.0	0.1	0.4	0.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	3	3	0	0.6	1.2	0.0	0.6	1.4	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	0.6	1.2	0.0	0.6	1.4	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)	6	4	2	1.2	1.6	0.8	1.0	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	1,223	596	627	887.1	888.1	886.2	639.2	811.7	516.3
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	1	0	1	0.7	0.0	1.4	0.5	0.0	0.8
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	1	0	1	0.7	0.0	1.4	0.4	0.0	0.6
Septicaemia (A40-A41)	1	0	1	0.7	0.0	1.4	0.6	0.0	1.1
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)	1	1	0	0.7	1.5	0.0	0.9	1.8	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	3	0	3	2.2	0.0	4.2	1.4	0.0	2.2
Malignant neoplasms (C00-C97)	334	176	158	242.3	262.3	223.3	187.8	231.9	157.8
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	6	3	3	4.4	4.5	4.2	3.0	3.6	2.5
Malignant neoplasm of oesophagus (C15)	8	6	2	5.8	8.9	2.8	4.9	8.0	2.1
Malignant neoplasm of stomach (C16)	8	5	3	5.8	7.5	4.2	4.4	6.3	3.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	24	9	15	17.4	13.4	21.2	12.7	12.0	13.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	4	4	0	2.9	6.0	0.0	2.2	5.1	0.0
Malignant neoplasm of pancreas (C25)	13	8	5	9.4	11.9	7.1	6.8	9.2	4.0
Malignant neoplasm of larynx (C32)	2	2	0	1.5	3.0	0.0	1.2	2.7	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	88	54	34	63.8	80.5	48.1	51.6	71.2	36.6
Malignant melanoma of skin (C43)	3	2	1	2.2	3.0	1.4	2.5	3.6	1.4
Malignant neoplasm of breast (C50)	23	0	23	16.7	0.0	32.5	13.1	0.0	24.4
Malignant neoplasm of cervix uteri (C53)	...	...	3	...	...	4.2	...	...	3.5
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	2	...	...	2.8	...	...	2.4
Malignant neoplasm of ovary (C56)	...	...	7	...	...	9.9	...	...	6.0
Malignant neoplasm of prostate (C61)	...	29	...	...	43.2	...	...	38.8	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	6	4	2	4.4	6.0	2.8	3.5	5.1	2.7
Malignant neoplasm of bladder (C67)	8	5	3	5.8	7.5	4.2	4.2	6.3	2.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	14	5	9	10.2	7.5	12.7	8.6	6.3	10.8
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	28	15	13	20.3	22.4	18.4	15.9	19.1	13.4
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	11	4	7	8.0	6.0	9.9	6.0	4.6	7.0
Leukaemia (C91-C95)	11	7	4	8.0	10.4	5.7	6.4	9.0	4.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	6	4	2	4.4	6.0	2.8	3.5	5.5	2.1
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)	58	25	33	42.1	37.3	46.6	32.1	34.6	28.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	3	0	3	2.2	0.0	4.2	2.0	0.0	3.8
Anaemias (D50-D64)	2	0	2	1.5	0.0	2.8	1.1	0.0	2.0
Diabetes mellitus (E10-E14)	28	13	15	20.3	19.4	21.2	15.2	18.8	13.1
Nutritional deficiencies (E40-E64)	1	0	1	0.7	0.0	1.4	0.5	0.0	0.8
Malnutrition (E40-E46)	1	0	1	0.7	0.0	1.4	0.5	0.0	0.8
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	2	1	2.2	3.0	1.4	1.4	2.6	0.8
Alzheimer's disease (G30)	29	5	24	21.0	7.5	33.9	13.2	6.8	15.9
Major cardiovascular diseases (I00-I78)	461	227	234	334.4	338.3	330.7	224.9	310.6	166.2
Diseases of heart (I00-I09, I11, I13, I20-I51)	333	178	155	241.5	265.2	219.1	164.1	243.6	111.2
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hypertensive heart disease (I11)	1	0	1	0.7	0.0	1.4	0.4	0.0	0.5
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)	259	146	113	187.9	217.6	159.7	128.8	200.0	82.3
Acute myocardial infarction (I21-I22)	84	58	26	60.9	86.4	36.7	42.2	78.4	16.2
Other acute ischaemic heart diseases (I24)	1	0	1	0.7	0.0	1.4	0.5	0.0	0.8

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)	174	88	86	126.2	131.1	121.6	86.1	121.6	65.4
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	174	88	86	126.2	131.1	121.6	86.1	121.6	65.4
Other heart diseases (I26-I51)	73	32	41	53.0	47.7	57.9	35.0	43.6	28.4
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)	1	0	1	0.7	0.0	1.4	0.5	0.0	1.0
Heart failure (I50)	29	9	20	21.0	13.4	28.3	13.1	13.2	14.9
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	43	23	20	31.2	34.3	28.3	21.4	30.3	12.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	4	1	3	2.9	1.5	4.2	2.0	1.3	2.6
Cerebrovascular diseases (I60-I69)	103	39	64	74.7	58.1	90.5	48.6	53.2	44.2
Atherosclerosis (I70)	2	1	1	1.5	1.5	1.4	1.1	1.4	0.6
Other diseases of circulatory system (I71-I78)	19	8	11	13.8	11.9	15.5	9.2	11.1	7.6
Aortic aneurysm and dissection (I71)	14	5	9	10.2	7.5	12.7	7.2	6.7	6.5
Other diseases of arteries, arterioles and capillaries (I72-I78)	5	3	2	3.6	4.5	2.8	2.0	4.4	1.1
Other disorders of circulatory system (I80-I99)	2	0	2	1.5	0.0	2.8	1.0	0.0	1.5
Influenza and pneumonia (J10-J18)	66	19	47	47.9	28.3	66.4	30.0	27.2	33.9
Influenza (J10-J11)	15	3	12	10.9	4.5	17.0	7.3	4.3	9.1
Pneumonia (J12-J18)	51	16	35	37.0	23.8	49.5	22.6	22.9	24.8
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)	43	26	17	31.2	38.7	24.0	22.9	35.5	15.6
Bronchitis, chronic and unspecified (J40-J42)	1	1	0	0.7	1.5	0.0	0.4	1.5	0.0
Emphysema (J43)	5	5	0	3.6	7.5	0.0	3.1	6.8	0.0
Asthma (J45-J46)	5	3	2	3.6	4.5	2.8	2.6	3.9	1.4
Other chronic lower respiratory diseases (J44, J47)	32	17	15	23.2	25.3	21.2	16.8	23.3	14.2
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	5	3	2	3.6	4.5	2.8	2.7	4.1	1.5
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	21	8	13	15.2	11.9	18.4	11.1	11.7	10.4
Peptic ulcer (K25-K28)	2	1	1	1.5	1.5	1.4	1.1	1.3	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)	2	1	1	1.5	1.5	1.4	1.0	1.4	0.5
Chronic liver disease and cirrhosis (K70, K73-K74)	16	10	6	11.6	14.9	8.5	9.0	12.2	6.2
Alcoholic liver disease (K70)	8	6	2	5.8	8.9	2.8	4.7	7.5	2.3
Other chronic liver disease and cirrhosis (K73-K74)	8	4	4	5.8	6.0	5.7	4.2	4.7	3.9
Cholelithiasis and other disorders of gallbladder (K80-K82)	2	0	2	1.5	0.0	2.8	1.0	0.0	1.7
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	20	8	12	14.5	11.9	17.0	9.4	11.1	8.6
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)	20	8	12	14.5	11.9	17.0	9.4	11.1	8.6
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
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	2.9	3.0	2.8	4.1	4.0	4.2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	2	2	0	1.5	3.0	0.0	2.1	4.0	0.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	6	3	3	4.4	4.5	4.2	3.0	4.0	1.5
All other diseases (residual) ⁷	80	39	41	58.0	58.1	57.9	41.1	51.3	33.0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	73	43	30	53.0	64.1	42.4	42.4	61.6	25.7
Transport accidents (V01-V99, Y85)	24	17	7	17.4	25.3	9.9	16.2	25.2	8.7
Motor vehicle accidents ⁸	24	17	7	17.4	25.3	9.9	16.2	25.2	8.7
Other land transport accidents ⁹	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Nontransport accidents (W00-X59, Y86)	49	26	23	35.5	38.7	32.5	26.3	36.3	17.1
Falls (W00-W19)	13	11	2	9.4	16.4	2.8	6.8	13.6	1.0
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	3	3	0	2.2	4.5	0.0	1.8	3.6	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	1	0	1	0.7	0.0	1.4	0.7	0.0	1.4
Accidental poisoning and exposure to noxious substances (X40-X49)	3	2	1	2.2	3.0	1.4	2.5	3.7	1.3

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 and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	29	10	19	21.0	14.9	26.9	14.5	15.5	13.4
Intentional self-harm (suicide) (X60-X84, Y87.0)	8	5	3	5.8	7.5	4.2	5.9	7.1	4.8
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	1	1	0	0.7	1.5	0.0	1.1	2.2	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	7	4	3	5.1	6.0	4.2	4.8	4.9	4.8
Assault (homicide) (X85-Y09, Y87.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	2	1	1	1.5	1.5	1.4	1.1	1.3	0.9
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	2	1	1	1.5	1.5	1.4	1.1	1.3	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)	1	1	0	0.7	1.5	0.0	0.4	1.3	0.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

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

Table 1-4
Deaths by selected grouped causes, sex and geography — Nova Scotia¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{3, 4, 5}	8,241	4,115	4,126	879.0	896.0	862.7	635.8	795.9	512.5
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)	12	7	5	1.3	1.5	1.0	0.8	1.4	0.7
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)	58	27	31	6.2	5.9	6.5	4.5	5.2	4.0
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	4	3	1	0.4	0.7	0.2	0.3	0.5	0.2
Human immunodeficiency virus [HIV] disease (B20-B24)	8	8	0	0.9	1.7	0.0	0.7	1.4	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	15	6	9	1.6	1.3	1.9	1.1	1.2	1.0
Malignant neoplasms (C00-C97)	2,436	1,300	1,136	259.8	283.1	237.5	198.2	246.9	163.0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	35	23	12	3.7	5.0	2.5	2.9	4.3	1.5
Malignant neoplasm of oesophagus (C15)	58	48	10	6.2	10.5	2.1	4.8	8.6	1.6
Malignant neoplasm of stomach (C16)	67	36	31	7.1	7.8	6.5	5.4	6.9	4.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	232	131	101	24.7	28.5	21.1	18.6	25.2	13.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	41	26	15	4.4	5.7	3.1	3.3	4.6	2.4
Malignant neoplasm of pancreas (C25)	140	65	75	14.9	14.2	15.7	11.3	12.4	10.2
Malignant neoplasm of larynx (C32)	13	13	0	1.4	2.8	0.0	1.1	2.5	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	668	398	270	71.3	86.7	56.5	56.3	75.7	41.8
Malignant melanoma of skin (C43)	34	17	17	3.6	3.7	3.6	3.0	3.2	2.8
Malignant neoplasm of breast (C50)	160	3	157	17.1	0.7	32.8	12.2	0.6	21.0
Malignant neoplasm of cervix uteri (C53)	...	...	23	...	...	4.8	...	...	4.1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	28	...	...	5.9	...	...	4.0
Malignant neoplasm of ovary (C56)	...	...	63	...	...	13.2	...	...	9.4
Malignant neoplasm of prostate (C61)	...	125	...	...	27.2	...	...	24.1	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	54	40	14	5.8	8.7	2.9	4.3	7.3	2.1
Malignant neoplasm of bladder (C67)	56	39	17	6.0	8.5	3.6	4.4	7.5	2.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	56	31	25	6.0	6.8	5.2	4.8	5.8	3.9
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	237	129	108	25.3	28.1	22.6	19.8	24.4	16.0
Hodgkin's disease (C81)	6	3	3	0.6	0.7	0.6	0.6	0.5	0.7
Non-Hodgkin's lymphoma (C82-C85)	106	61	45	11.3	13.3	9.4	8.6	11.1	6.5
Leukaemia (C91-C95)	82	43	39	8.7	9.4	8.2	6.9	8.6	5.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	43	22	21	4.6	4.8	4.4	3.7	4.3	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)	346	176	170	36.9	38.3	35.5	27.0	33.8	22.4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	46	25	21	4.9	5.4	4.4	3.6	4.8	2.6
Anaemias (D50-D64)	18	5	13	1.9	1.1	2.7	1.2	1.0	1.2
Diabetes mellitus (E10-E14)	263	138	125	28.1	30.0	26.1	20.4	26.3	16.2
Nutritional deficiencies (E40-E64)	4	4	0	0.4	0.9	0.0	0.3	0.8	0.0
Malnutrition (E40-E46)	3	3	0	0.3	0.7	0.0	0.2	0.6	0.0
Other nutritional deficiencies (E50-E64)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Meningitis (G00, G03)	4	3	1	0.4	0.7	0.2	0.6	0.8	0.3
Parkinson's disease (G20-G21)	72	33	39	7.7	7.2	8.2	5.1	6.2	4.3
Alzheimer's disease (G30)	218	62	156	23.3	13.5	32.6	14.5	12.4	15.5
Major cardiovascular diseases (I00-I78)	2,699	1,293	1,406	287.9	281.5	294.0	197.2	247.9	155.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	1,852	959	893	197.5	208.8	186.7	136.7	182.7	101.1
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	11	3	8	1.2	0.7	1.7	0.8	0.5	1.1
Hypertensive heart disease (I11)	33	7	26	3.5	1.5	5.4	2.2	1.3	2.7
Hypertensive heart and renal disease (I13)	6	3	3	0.6	0.7	0.6	0.5	0.6	0.3
Ischaemic heart diseases (I20-I25)	1,347	745	602	143.7	162.2	125.9	100.5	140.8	69.0
Acute myocardial infarction (I21-I22)	615	348	267	65.6	75.8	55.8	46.8	65.9	31.6
Other acute ischaemic heart diseases (I24)	15	7	8	1.6	1.5	1.7	1.2	1.4	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)	717	390	327	76.5	84.9	68.4	52.6	73.6	36.4
Atherosclerotic cardiovascular disease, so described (I25.0)	18	11	7	1.9	2.4	1.5	1.3	2.1	0.7
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	699	379	320	74.6	82.5	66.9	51.3	71.4	35.7
Other heart diseases (I26-I51)	455	201	254	48.5	43.8	53.1	32.7	39.4	28.1
Acute and subacute endocarditis (I33)	5	3	2	0.5	0.7	0.4	0.5	0.6	0.4
Diseases of pericardium and acute myocarditis (I30-I31, I40)	5	2	3	0.5	0.4	0.6	0.4	0.4	0.3
Heart failure (I50)	195	82	113	20.8	17.9	23.6	12.8	16.7	10.9
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	250	114	136	26.7	24.8	28.4	19.0	21.8	16.6
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	89	31	58	9.5	6.8	12.1	6.1	6.0	5.6
Cerebrovascular diseases (I60-I69)	588	214	374	62.7	46.6	78.2	42.1	41.9	40.7
Atherosclerosis (I70)	49	16	33	5.2	3.5	6.9	3.2	3.1	3.0
Other diseases of circulatory system (I71-I78)	121	73	48	12.9	15.9	10.0	9.1	14.2	5.1
Aortic aneurysm and dissection (I71)	79	52	27	8.4	11.3	5.6	6.0	10.0	3.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	42	21	21	4.5	4.6	4.4	3.0	4.2	2.2
Other disorders of circulatory system (I80-I99)	11	4	7	1.2	0.9	1.5	0.9	0.7	1.0
Influenza and pneumonia (J10-J18)	204	91	113	21.8	19.8	23.6	13.8	18.1	11.5
Influenza (J10-J11)	14	2	12	1.5	0.4	2.5	1.0	0.4	1.4
Pneumonia (J12-J18)	190	89	101	20.3	19.4	21.1	12.8	17.7	10.0
Other acute lower respiratory infections (J20-J22)	7	1	6	0.7	0.2	1.3	0.5	0.2	0.7
Acute bronchitis and bronchiolitis (J20-J21)	3	1	2	0.3	0.2	0.4	0.2	0.2	0.2
Unspecified acute lower respiratory infection (J22)	4	0	4	0.4	0.0	0.8	0.3	0.0	0.5
Chronic lower respiratory diseases (J40-J47)	464	254	210	49.5	55.3	43.9	34.9	49.5	26.4
Bronchitis, chronic and unspecified (J40-J42)	9	4	5	1.0	0.9	1.0	0.6	0.8	0.5
Emphysema (J43)	21	13	8	2.2	2.8	1.7	1.6	2.5	1.1
Asthma (J45-J46)	12	2	10	1.3	0.4	2.1	0.9	0.4	1.3
Other chronic lower respiratory diseases (J44, J47)	422	235	187	45.0	51.2	39.1	31.7	45.8	23.5
Pneumoconioses and chemical effects (J60-J66, J68)	3	3	0	0.3	0.7	0.0	0.3	0.6	0.0
Pneumonitis due to solids and liquids (J69)	28	15	13	3.0	3.3	2.7	2.2	3.0	1.4
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	83	44	39	8.9	9.6	8.2	6.4	8.7	5.1
Peptic ulcer (K25-K28)	18	11	7	1.9	2.4	1.5	1.3	2.2	0.8
Diseases of appendix (K35-K38)	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Hernia (K40-K46)	11	6	5	1.2	1.3	1.0	0.7	1.2	0.5
Chronic liver disease and cirrhosis (K70, K73-K74)	75	48	27	8.0	10.5	5.6	6.3	8.5	4.3
Alcoholic liver disease (K70)	43	33	10	4.6	7.2	2.1	3.7	5.9	1.8
Other chronic liver disease and cirrhosis (K73-K74)	32	15	17	3.4	3.3	3.6	2.6	2.6	2.5
Cholelithiasis and other disorders of gallbladder (K80-K82)	15	7	8	1.6	1.5	1.7	1.1	1.3	0.8
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	144	80	64	15.4	17.4	13.4	10.5	15.7	7.9
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	1	0	0.1	0.2	0.0	0.2	0.3	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	2	0	2	0.2	0.0	0.4	0.2	0.0	0.3
Renal failure (N17-N19)	141	79	62	15.0	17.2	13.0	10.2	15.4	7.6
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	4	1	3	0.4	0.2	0.6	0.3	0.2	0.3
Hyperplasia of prostate (N40)	...	4	...	...	0.9	...	...	0.8	...
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)	21	13	8	2.2	2.8	1.7	3.4	4.3	2.6
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	24	8	16	2.6	1.7	3.3	2.8	2.3	3.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	34	11	23	3.6	2.4	4.8	2.4	2.4	2.0
All other diseases (residual) ⁷	774	316	458	82.6	68.8	95.8	57.8	62.2	52.8
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	328	188	140	35.0	40.9	29.3	28.4	38.3	19.5
Transport accidents (V01-V99, Y85)	100	76	24	10.7	16.5	5.0	10.6	16.3	5.2
Motor vehicle accidents ⁸	93	70	23	9.9	15.2	4.8	9.9	15.0	5.1
Other land transport accidents ⁹	1	1	0	0.1	0.2	0.0	0.1	0.2	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	6	5	1	0.6	1.1	0.2	0.6	1.1	0.2
Nontransport accidents (W00-X59, Y86)	228	112	116	24.3	24.4	24.3	17.8	22.0	14.3
Falls (W00-W19)	127	56	71	13.5	12.2	14.8	8.8	11.0	7.7
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)	10	8	2	1.1	1.7	0.4	0.9	1.3	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	17	5	12	1.8	1.1	2.5	1.6	1.3	1.8
Accidental poisoning and exposure to noxious substances (X40-X49)	31	24	7	3.3	5.2	1.5	3.0	4.9	1.3

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 and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	43	19	24	4.6	4.1	5.0	3.5	3.5	3.1
Intentional self-harm (suicide) (X60-X84, Y87.0)	90	73	17	9.6	15.9	3.6	8.8	14.5	3.4
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	32	31	1	3.4	6.8	0.2	2.8	5.6	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	58	42	16	6.2	9.1	3.3	6.0	8.8	3.3
Assault (homicide) (X85-Y09, Y87.1)	14	10	4	1.5	2.2	0.8	1.4	2.1	0.8
Assault (homicide) by discharge of firearms (X93-X95)	3	3	0	0.3	0.7	0.0	0.5	1.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	11	7	4	1.2	1.5	0.8	0.9	1.1	0.8
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	13	10	3	1.4	2.2	0.6	1.3	2.0	0.7
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	10	3	1.4	2.2	0.6	1.3	2.0	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)	13	2	11	1.4	0.4	2.3	1.2	0.4	1.9

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	6,247	3,118	3,129	830.6	839.8	821.7	611.4	770.2	490.1
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	0.7	0.8	0.5	0.4	0.8	0.3
Tuberculosis (A16-A19)	1	0	1	0.1	0.0	0.3	0.1	0.0	0.1
Respiratory tuberculosis (A16)	1	0	1	0.1	0.0	0.3	0.1	0.0	0.1
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	27	12	15	3.6	3.2	3.9	2.4	3.0	2.2
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)	4	1	3	0.5	0.3	0.8	0.4	0.3	0.5
Human immunodeficiency virus [HIV] disease (B20-B24)	4	4	0	0.5	1.1	0.0	0.5	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	9	5	4	1.2	1.3	1.1	1.0	1.3	0.9
Malignant neoplasms (C00-C97)	1,714	939	775	227.9	252.9	203.5	175.6	228.7	138.3
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	17	12	5	2.3	3.2	1.3	1.8	2.9	0.9
Malignant neoplasm of oesophagus (C15)	38	29	9	5.1	7.8	2.4	4.0	6.8	1.6
Malignant neoplasm of stomach (C16)	52	35	17	6.9	9.4	4.5	5.5	8.7	3.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	147	84	63	19.5	22.6	16.5	15.3	20.8	10.8
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	35	19	16	4.7	5.1	4.2	3.4	4.5	2.5
Malignant neoplasm of pancreas (C25)	110	60	50	14.6	16.2	13.1	11.3	14.0	8.7
Malignant neoplasm of larynx (C32)	25	22	3	3.3	5.9	0.8	2.7	5.6	0.6
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	502	312	190	66.7	84.0	49.9	52.8	75.8	35.9
Malignant melanoma of skin (C43)	17	13	4	2.3	3.5	1.1	1.8	3.3	0.8
Malignant neoplasm of breast (C50)	117	2	115	15.6	0.5	30.2	11.3	0.4	19.6
Malignant neoplasm of cervix uteri (C53)	...	...	12	...	...	3.2	...	...	2.1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	22	...	...	5.8	...	...	4.0
Malignant neoplasm of ovary (C56)	...	...	36	...	...	9.5	...	...	7.1
Malignant neoplasm of prostate (C61)	...	89	...	...	24.0	...	...	22.3	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	46	26	20	6.1	7.0	5.3	4.6	6.0	3.4
Malignant neoplasm of bladder (C67)	41	29	12	5.5	7.8	3.2	4.0	7.3	2.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	41	26	15	5.5	7.0	3.9	4.4	6.4	2.8
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	138	62	76	18.3	16.7	20.0	13.9	14.9	13.2
Hodgkin's disease (C81)	2	1	1	0.3	0.3	0.3	0.2	0.3	0.3
Non-Hodgkin's lymphoma (C82-C85)	62	28	34	8.2	7.5	8.9	6.2	6.4	5.7
Leukaemia (C91-C95)	41	19	22	5.5	5.1	5.8	4.2	4.8	3.9
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	33	14	19	4.4	3.8	5.0	3.3	3.4	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)	229	119	110	30.4	32.0	28.9	23.2	29.2	19.1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	48	23	25	6.4	6.2	6.6	4.6	5.7	4.1
Anaemias (D50-D64)	13	5	8	1.7	1.3	2.1	1.2	1.3	1.3
Diabetes mellitus (E10-E14)	273	131	142	36.3	35.3	37.3	26.7	32.2	22.7
Nutritional deficiencies (E40-E64)	10	3	7	1.3	0.8	1.8	0.8	0.7	0.9
Malnutrition (E40-E46)	8	2	6	1.1	0.5	1.6	0.7	0.5	0.8
Other nutritional deficiencies (E50-E64)	2	1	1	0.3	0.3	0.3	0.2	0.2	0.1
Meningitis (G00, G03)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Parkinson's disease (G20-G21)	41	26	15	5.5	7.0	3.9	3.7	6.5	2.2
Alzheimer's disease (G30)	202	56	146	26.9	15.1	38.3	17.5	14.3	19.4
Major cardiovascular diseases (I00-I78)	2,137	1,033	1,104	284.1	278.2	289.9	198.9	251.6	156.7
Diseases of heart (I00-I09, I11, I13, I20-I51)	1,624	823	801	215.9	221.7	210.4	152.5	199.4	114.8
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	14	5	9	1.9	1.3	2.4	1.3	1.2	1.4
Hypertensive heart disease (I11)	16	4	12	2.1	1.1	3.2	1.3	0.9	1.3
Hypertensive heart and renal disease (I13)	3	0	3	0.4	0.0	0.8	0.2	0.0	0.3
Ischaemic heart diseases (I20-I25)	1,133	619	514	150.6	166.7	135.0	107.3	149.9	74.5
Acute myocardial infarction (I21-I22)	571	324	247	75.9	87.3	64.9	55.1	77.4	36.6
Other acute ischaemic heart diseases (I24)	10	5	5	1.3	1.3	1.3	1.0	1.2	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
Other forms of chronic ischaemic heart disease (I20, I25)	552	290	262	73.4	78.1	68.8	51.1	71.4	36.9
Atherosclerotic cardiovascular disease, so described (I25.0)	6	2	4	0.8	0.5	1.1	0.5	0.5	0.6
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	546	288	258	72.6	77.6	67.8	50.6	70.9	36.3
Other heart diseases (I26-I51)	458	195	263	60.9	52.5	69.1	42.4	47.3	37.3
Acute and subacute endocarditis (I33)	1	0	1	0.1	0.0	0.3	0.1	0.0	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	3	2	1	0.4	0.5	0.3	0.3	0.6	0.2
Heart failure (I50)	201	82	119	26.7	22.1	31.3	17.6	20.1	15.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	253	111	142	33.6	29.9	37.3	24.4	26.6	21.9
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	27	7	20	3.6	1.9	5.3	2.6	1.7	3.0
Cerebrovascular diseases (I60-I69)	377	141	236	50.1	38.0	62.0	33.4	35.0	31.8
Atherosclerosis (I70)	14	6	8	1.9	1.6	2.1	1.2	1.4	1.1
Other diseases of circulatory system (I71-I78)	95	56	39	12.6	15.1	10.2	9.2	14.1	6.0
Aortic aneurysm and dissection (I71)	53	37	16	7.0	10.0	4.2	5.2	9.2	2.4
Other diseases of arteries, arterioles and capillaries (I72-I78)	42	19	23	5.6	5.1	6.0	4.0	4.9	3.6
Other disorders of circulatory system (I80-I99)	11	4	7	1.5	1.1	1.8	1.1	1.0	0.9
Influenza and pneumonia (J10-J18)	132	52	80	17.6	14.0	21.0	11.6	13.1	10.6
Influenza (J10-J11)	12	5	7	1.6	1.3	1.8	1.0	1.3	0.8
Pneumonia (J12-J18)	120	47	73	16.0	12.7	19.2	10.6	11.8	9.8
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)	272	156	116	36.2	42.0	30.5	26.4	39.0	18.8
Bronchitis, chronic and unspecified (J40-J42)	4	3	1	0.5	0.8	0.3	0.4	0.7	0.1
Emphysema (J43)	16	9	7	2.1	2.4	1.8	1.7	2.3	1.2
Asthma (J45-J46)	6	3	3	0.8	0.8	0.8	0.5	0.6	0.4
Other chronic lower respiratory diseases (J44, J47)	246	141	105	32.7	38.0	27.6	23.8	35.3	17.1
Pneumoconioses and chemical effects (J60-J66, J68)	4	4	0	0.5	1.1	0.0	0.4	0.9	0.0
Pneumonitis due to solids and liquids (J69)	15	6	9	2.0	1.6	2.4	1.3	1.6	1.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	84	35	49	11.2	9.4	12.9	8.4	8.6	8.1
Peptic ulcer (K25-K28)	5	3	2	0.7	0.8	0.5	0.4	0.6	0.2
Diseases of appendix (K35-K38)	1	1	0	0.1	0.3	0.0	0.1	0.2	0.0
Hernia (K40-K46)	6	3	3	0.8	0.8	0.8	0.6	0.7	0.6
Chronic liver disease and cirrhosis (K70, K73-K74)	40	24	16	5.3	6.5	4.2	4.3	5.8	2.9
Alcoholic liver disease (K70)	13	10	3	1.7	2.7	0.8	1.5	2.3	0.6
Other chronic liver disease and cirrhosis (K73-K74)	27	14	13	3.6	3.8	3.4	2.8	3.5	2.2
Cholelithiasis and other disorders of gallbladder (K80-K82)	9	4	5	1.2	1.1	1.3	0.8	1.0	0.8
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	116	55	61	15.4	14.8	16.0	10.5	13.6	8.6
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)	116	55	61	15.4	14.8	16.0	10.5	13.6	8.6
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	3	1	2	0.4	0.3	0.5	0.3	0.2	0.3
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)	16	9	7	2.1	2.4	1.8	3.3	3.6	2.9
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	16	11	5	2.1	3.0	1.3	2.7	3.7	1.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	76	27	49	10.1	7.3	12.9	7.0	7.2	6.6
All other diseases (residual) ⁷	583	235	348	77.5	63.3	91.4	55.0	57.7	52.8
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	259	164	95	34.4	44.2	24.9	29.2	42.9	16.3
Transport accidents (V01-V99, Y85)	94	75	19	12.5	20.2	5.0	12.2	19.8	4.7
Motor vehicle accidents ⁸	83	66	17	11.0	17.8	4.5	10.9	17.6	4.3
Other land transport accidents ⁹	3	3	0	0.4	0.8	0.0	0.4	0.8	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	8	6	2	1.1	1.6	0.5	0.9	1.4	0.4
Nontransport accidents (W00-X59, Y86)	165	89	76	21.9	24.0	20.0	17.0	23.1	11.6
Falls (W00-W19)	73	32	41	9.7	8.6	10.8	6.7	7.8	5.7
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)	9	8	1	1.2	2.2	0.3	1.2	2.2	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	9	5	4	1.2	1.3	1.1	1.2	1.3	1.0
Accidental poisoning and exposure to noxious substances (X40-X49)	21	15	6	2.8	4.0	1.6	2.8	4.1	1.5

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 and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	52	28	24	6.9	7.5	6.3	5.1	7.5	3.2
Intentional self-harm (suicide) (X60-X84, Y87.0)	89	71	18	11.8	19.1	4.7	11.3	18.3	4.6
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	26	23	3	3.5	6.2	0.8	3.2	5.7	1.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	63	48	15	8.4	12.9	3.9	8.1	12.6	3.6
Assault (homicide) (X85-Y09, Y87.1)	8	4	4	1.1	1.1	1.1	1.2	1.2	1.3
Assault (homicide) by discharge of firearms (X93-X95)	3	2	1	0.4	0.5	0.3	0.5	0.7	0.4
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	5	2	3	0.7	0.5	0.8	0.7	0.5	0.9
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)	2	1	1	0.3	0.3	0.3	0.3	0.3	0.4
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)	2	1	1	0.3	0.3	0.3	0.3	0.3	0.4
Operations of war and their sequelae (Y36, Y89.1)	1	1	0	0.1	0.3	0.0	0.1	0.2	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	11	6	5	1.5	1.6	1.3	1.1	1.5	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	55,624	27,794	27,830	737.0	746.2	728.0	580.1	739.2	466.2
Salmonella infections (A01-A02)	2	0	2	0.0	0.0	0.1	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	697	299	398	9.2	8.0	10.4	7.0	8.6	6.1
Tuberculosis (A16-A19)	11	9	2	0.1	0.2	0.1	0.1	0.2	0.0
Respiratory tuberculosis (A16)	11	9	2	0.1	0.2	0.1	0.1	0.2	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	379	173	206	5.0	4.6	5.4	3.9	4.7	3.2
Syphilis (A50-A53)	1	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	65	36	29	0.9	1.0	0.8	0.7	0.8	0.6
Human immunodeficiency virus [HIV] disease (B20-B24)	126	103	23	1.7	2.8	0.6	1.4	2.3	0.6
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	114	52	62	1.5	1.4	1.6	1.2	1.4	1.1
Malignant neoplasms (C00-C97)	17,871	9,451	8,420	236.8	253.7	220.3	187.7	239.6	153.9
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	282	188	94	3.7	5.0	2.5	3.0	4.6	1.8
Malignant neoplasm of oesophagus (C15)	285	219	66	3.8	5.9	1.7	3.1	5.4	1.2
Malignant neoplasm of stomach (C16)	516	331	185	6.8	8.9	4.8	5.5	8.5	3.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	2,156	1,118	1,038	28.6	30.0	27.2	22.3	28.8	17.8
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	353	235	118	4.7	6.3	3.1	3.7	5.9	2.2
Malignant neoplasm of pancreas (C25)	935	458	477	12.4	12.3	12.5	9.8	11.2	8.5
Malignant neoplasm of larynx (C32)	143	116	27	1.9	3.1	0.7	1.5	2.8	0.5
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	5,456	3,295	2,161	72.3	88.5	56.5	57.7	81.9	41.0
Malignant melanoma of skin (C43)	129	80	49	1.7	2.1	1.3	1.4	1.9	0.9
Malignant neoplasm of breast (C50)	1,311	8	1,303	17.4	0.2	34.1	13.6	0.2	24.2
Malignant neoplasm of cervix uteri (C53)	...	...	70	...	...	1.8	...	...	1.5
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	167	...	...	4.4	...	...	2.9
Malignant neoplasm of ovary (C56)	...	...	358	...	...	9.4	...	...	6.5
Malignant neoplasm of prostate (C61)	...	733	...	...	19.7	...	...	20.5	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	426	261	165	5.6	7.0	4.3	4.5	6.3	3.0
Malignant neoplasm of bladder (C67)	408	274	134	5.4	7.4	3.5	4.2	7.3	2.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	439	256	183	5.8	6.9	4.8	4.8	6.1	3.7
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	1,502	795	707	19.9	21.3	18.5	15.9	20.3	12.9
Hodgkin's disease (C81)	37	19	18	0.5	0.5	0.5	0.4	0.5	0.4
Non-Hodgkin's lymphoma (C82-C85)	645	310	335	8.5	8.3	8.8	6.8	7.7	6.2
Leukaemia (C91-C95)	514	303	211	6.8	8.1	5.5	5.5	7.9	3.8
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	306	163	143	4.1	4.4	3.7	3.2	4.2	2.5
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	2,202	1,084	1,118	29.2	29.1	29.2	23.1	28.0	19.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	275	137	138	3.6	3.7	3.6	2.8	3.8	2.3
Anaemias (D50-D64)	135	42	93	1.8	1.1	2.4	1.4	1.2	1.4
Diabetes mellitus (E10-E14)	1,642	781	861	21.8	21.0	22.5	16.9	20.4	14.1
Nutritional deficiencies (E40-E64)	99	44	55	1.3	1.2	1.4	1.0	1.3	0.8
Malnutrition (E40-E46)	95	40	55	1.3	1.1	1.4	0.9	1.2	0.8
Other nutritional deficiencies (E50-E64)	4	4	0	0.1	0.1	0.0	0.0	0.1	0.0
Meningitis (G00, G03)	8	4	4	0.1	0.1	0.1	0.1	0.1	0.1
Parkinson's disease (G20-G21)	451	234	217	6.0	6.3	5.7	4.5	6.6	3.4
Alzheimer's disease (G30)	1,736	455	1,281	23.0	12.2	33.5	17.0	13.4	18.4
Major cardiovascular diseases (I00-I78)	15,391	7,609	7,782	203.9	204.3	203.6	155.9	204.5	120.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	11,640	5,965	5,675	154.2	160.1	148.4	118.0	159.5	88.0
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	143	45	98	1.9	1.2	2.6	1.5	1.2	1.7
Hypertensive heart disease (I11)	71	16	55	0.9	0.4	1.4	0.7	0.4	0.8
Hypertensive heart and renal disease (I13)	27	15	12	0.4	0.4	0.3	0.3	0.5	0.2
Ischaemic heart diseases (I20-I25)	8,686	4,686	4,000	115.1	125.8	104.6	88.0	124.3	61.9
Acute myocardial infarction (I21-I22)	4,937	2,764	2,173	65.4	74.2	56.8	50.2	71.6	34.4
Other acute ischaemic heart diseases (I24)	275	144	131	3.6	3.9	3.4	2.8	3.6	2.0

See footnotes at the end of the table.

Table 1-6 – continued

Deaths by selected grouped causes, sex and geography — Quebec¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	3,474	1,778	1,696	46.0	47.7	44.4	35.0	49.1	25.6
Atherosclerotic cardiovascular disease, so described (I25.0)	45	21	24	0.6	0.6	0.6	0.5	0.6	0.4
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,429	1,757	1,672	45.4	47.2	43.7	34.6	48.5	25.2
Other heart diseases (I26-I51)	2,713	1,203	1,510	35.9	32.3	39.5	27.5	33.2	23.4
Acute and subacute endocarditis (I33)	18	11	7	0.2	0.3	0.2	0.2	0.3	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	29	17	12	0.4	0.5	0.3	0.3	0.5	0.2
Heart failure (I50)	947	409	538	12.5	11.0	14.1	9.4	12.0	7.8
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,719	766	953	22.8	20.6	24.9	17.6	20.5	15.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	251	77	174	3.3	2.1	4.6	2.5	2.1	2.5
Cerebrovascular diseases (I60-I69)	2,703	1,108	1,595	35.8	29.7	41.7	27.3	30.5	24.7
Atherosclerosis (I70)	127	64	63	1.7	1.7	1.6	1.3	1.8	0.9
Other diseases of circulatory system (I71-I78)	670	395	275	8.9	10.6	7.2	6.8	10.5	4.4
Aortic aneurysm and dissection (I71)	440	276	164	5.8	7.4	4.3	4.5	7.3	2.7
Other diseases of arteries, arterioles and capillaries (I72-I78)	230	119	111	3.0	3.2	2.9	2.3	3.3	1.7
Other disorders of circulatory system (I80-I99)	81	34	47	1.1	0.9	1.2	0.8	0.9	0.8
Influenza and pneumonia (J10-J18)	1,108	486	622	14.7	13.0	16.3	11.1	14.3	9.2
Influenza (J10-J11)	103	40	63	1.4	1.1	1.6	1.0	1.2	0.9
Pneumonia (J12-J18)	1,005	446	559	13.3	12.0	14.6	10.0	13.1	8.3
Other acute lower respiratory infections (J20-J22)	49	13	36	0.6	0.3	0.9	0.5	0.4	0.5
Acute bronchitis and bronchiolitis (J20-J21)	43	11	32	0.6	0.3	0.8	0.4	0.3	0.4
Unspecified acute lower respiratory infection (J22)	6	2	4	0.1	0.1	0.1	0.1	0.1	0.1
Chronic lower respiratory diseases (J40-J47)	2,928	1,582	1,346	38.8	42.5	35.2	29.9	44.5	22.0
Bronchitis, chronic and unspecified (J40-J42)	84	38	46	1.1	1.0	1.2	0.8	1.1	0.7
Emphysema (J43)	151	97	54	2.0	2.6	1.4	1.6	2.6	1.0
Asthma (J45-J46)	50	17	33	0.7	0.5	0.9	0.5	0.4	0.6
Other chronic lower respiratory diseases (J44, J47)	2,643	1,430	1,213	35.0	38.4	31.7	26.9	40.4	19.8
Pneumoconioses and chemical effects (J60-J66, J68)	18	17	1	0.2	0.5	0.0	0.2	0.5	0.0
Pneumonitis due to solids and liquids (J69)	334	162	172	4.4	4.3	4.5	3.4	4.7	2.7
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	605	317	288	8.0	8.5	7.5	6.2	8.6	4.7
Peptic ulcer (K25-K28)	83	45	38	1.1	1.2	1.0	0.9	1.2	0.6
Diseases of appendix (K35-K38)	11	9	2	0.1	0.2	0.1	0.1	0.2	0.0
Hernia (K40-K46)	73	38	35	1.0	1.0	0.9	0.8	1.1	0.5
Chronic liver disease and cirrhosis (K70, K73-K74)	613	395	218	8.1	10.6	5.7	6.5	9.3	4.1
Alcoholic liver disease (K70)	256	192	64	3.4	5.2	1.7	2.7	4.4	1.3
Other chronic liver disease and cirrhosis (K73-K74)	357	203	154	4.7	5.4	4.0	3.8	4.9	2.8
Cholelithiasis and other disorders of gallbladder (K80-K82)	95	40	55	1.3	1.1	1.4	0.9	1.2	0.9
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	867	444	423	11.5	11.9	11.1	8.7	12.9	6.5
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	5	1	4	0.1	0.0	0.1	0.0	0.0	0.1
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	6	4	2	0.1	0.1	0.1	0.1	0.1	0.0
Renal failure (N17-N19)	856	439	417	11.3	11.8	10.9	8.6	12.8	6.4
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	40	15	25	0.5	0.4	0.7	0.4	0.4	0.3
Hyperplasia of prostate (N40)	...	14	...	...	0.4	...	...	0.5	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	2	...	...	0.1	...	...	0.1
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	2	...	...	0.1	...	...	0.1
Certain conditions originating in the perinatal period (P00-P96)	217	103	114	2.9	2.8	3.0	4.2	3.9	4.5
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	160	80	80	2.1	2.1	2.1	2.5	2.6	2.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	402	192	210	5.3	5.2	5.5	4.4	5.2	3.6
All other diseases (residual) ⁷	5,504	2,182	3,322	72.9	58.6	86.9	56.0	60.0	51.6
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	2,059	1,218	841	27.3	32.7	22.0	23.9	32.6	15.5
Transport accidents (V01-V99, Y85)	739	531	208	9.8	14.3	5.4	9.6	14.2	5.2
Motor vehicle accidents ⁸	686	481	205	9.1	12.9	5.4	9.0	13.0	5.2
Other land transport accidents ⁹	10	9	1	0.1	0.2	0.0	0.1	0.2	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	43	41	2	0.6	1.1	0.1	0.5	1.0	0.0
Nontransport accidents (W00-X59, Y86)	1,320	687	633	17.5	18.4	16.6	14.3	18.4	10.3
Falls (W00-W19)	278	158	120	3.7	4.2	3.1	2.9	4.1	1.9
Accidental discharge of firearms (W32-W34)	5	4	1	0.1	0.1	0.0	0.1	0.1	0.0
Accidental drowning and submersion (W65-W74)	52	39	13	0.7	1.0	0.3	0.7	1.1	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	56	33	23	0.7	0.9	0.6	0.7	0.9	0.5
Accidental poisoning and exposure to noxious substances (X40-X49)	170	128	42	2.3	3.4	1.1	2.1	3.2	1.1

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 and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	759	325	434	10.1	8.7	11.4	7.8	9.0	6.4
Intentional self-harm (suicide) (X60-X84, Y87.0)	1,153	858	295	15.3	23.0	7.7	14.4	21.8	7.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	155	148	7	2.1	4.0	0.2	1.8	3.5	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	998	710	288	13.2	19.1	7.5	12.6	18.3	6.9
Assault (homicide) (X85-Y09, Y87.1)	100	59	41	1.3	1.6	1.1	1.4	1.7	1.2
Assault (homicide) by discharge of firearms (X93-X95)	26	19	7	0.3	0.5	0.2	0.4	0.5	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	74	40	34	1.0	1.1	0.9	1.1	1.1	1.0
Legal intervention (Y35, Y89.0)	3	3	0	0.0	0.1	0.0	0.1	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	70	47	23	0.9	1.3	0.6	0.9	1.2	0.5
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	69	46	23	0.9	1.2	0.6	0.8	1.2	0.5
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	31	12	19	0.4	0.3	0.5	0.3	0.3	0.3

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	83,142	41,812	41,330	670.1	682.4	658.1	557.3	684.6	459.2
Salmonella infections (A01-A02)	2	2	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	180	68	112	1.5	1.1	1.8	1.2	1.1	1.1
Tuberculosis (A16-A19)	25	15	10	0.2	0.2	0.2	0.2	0.2	0.1
Respiratory tuberculosis (A16)	19	12	7	0.2	0.2	0.1	0.1	0.2	0.1
Other tuberculosis (A17-A19)	6	3	3	0.0	0.0	0.0	0.0	0.1	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	2	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	695	316	379	5.6	5.2	6.0	4.6	5.3	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)	185	121	64	1.5	2.0	1.0	1.2	1.7	0.8
Human immunodeficiency virus [HIV] disease (B20-B24)	122	103	19	1.0	1.7	0.3	0.9	1.5	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	167	77	90	1.3	1.3	1.4	1.2	1.2	1.1
Malignant neoplasms (C00-C97)	24,690	12,835	11,855	199.0	209.5	188.8	169.3	204.0	145.3
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	431	281	150	3.5	4.6	2.4	3.0	4.3	1.9
Malignant neoplasm of oesophagus (C15)	623	472	151	5.0	7.7	2.4	4.3	7.3	1.8
Malignant neoplasm of stomach (C16)	716	431	285	5.8	7.0	4.5	4.9	6.9	3.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	2,678	1,407	1,271	21.6	23.0	20.2	18.1	22.4	14.9
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	594	377	217	4.8	6.2	3.5	4.1	5.8	2.7
Malignant neoplasm of pancreas (C25)	1,273	626	647	10.3	10.2	10.3	8.7	9.8	7.7
Malignant neoplasm of larynx (C32)	139	105	34	1.1	1.7	0.5	1.0	1.7	0.5
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	5,977	3,373	2,604	48.2	55.0	41.5	41.6	53.1	33.0
Malignant melanoma of skin (C43)	346	211	135	2.8	3.4	2.1	2.4	3.3	1.7
Malignant neoplasm of breast (C50)	1,954	11	1,943	15.7	0.2	30.9	13.2	0.2	23.9
Malignant neoplasm of cervix uteri (C53)	...	...	165	...	...	2.6	...	...	2.2
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	302	...	...	4.8	...	...	3.7
Malignant neoplasm of ovary (C56)	...	...	597	...	...	9.5	...	...	7.4
Malignant neoplasm of prostate (C61)	...	1,377	...	...	22.5	...	...	23.1	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	495	315	180	4.0	5.1	2.9	3.4	4.9	2.2
Malignant neoplasm of bladder (C67)	637	420	217	5.1	6.9	3.5	4.2	7.0	2.4
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	577	326	251	4.7	5.3	4.0	4.1	5.0	3.4
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	2,455	1,364	1,091	19.8	22.3	17.4	16.9	21.7	13.3
Hodgkin's disease (C81)	43	26	17	0.3	0.4	0.3	0.3	0.4	0.2
Non-Hodgkin's lymphoma (C82-C85)	1,037	562	475	8.4	9.2	7.6	7.1	8.8	5.9
Leukaemia (C91-C95)	910	523	387	7.3	8.5	6.2	6.3	8.5	4.7
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	458	250	208	3.7	4.1	3.3	3.1	3.9	2.5
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	7	3	4	0.1	0.0	0.1	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)	3,354	1,739	1,615	27.0	28.4	25.7	22.9	27.7	19.2
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	549	276	273	4.4	4.5	4.3	3.7	4.5	3.1
Anaemias (D50-D64)	148	57	91	1.2	0.9	1.4	1.0	1.0	0.9
Diabetes mellitus (E10-E14)	3,130	1,616	1,514	25.2	26.4	24.1	20.8	26.2	16.8
Nutritional deficiencies (E40-E64)	68	24	44	0.5	0.4	0.7	0.4	0.4	0.4
Malnutrition (E40-E46)	60	22	38	0.5	0.4	0.6	0.4	0.4	0.4
Other nutritional deficiencies (E50-E64)	8	2	6	0.1	0.0	0.1	0.0	0.0	0.1
Meningitis (G00, G03)	27	12	15	0.2	0.2	0.2	0.2	0.2	0.2
Parkinson's disease (G20-G21)	637	354	283	5.1	5.8	4.5	4.1	5.9	2.9
Alzheimer's disease (G30)	1,916	579	1,337	15.4	9.4	21.3	11.9	10.3	12.6
Major cardiovascular diseases (I00-I78)	27,195	13,501	13,694	219.2	220.3	218.1	176.8	223.4	139.8
Diseases of heart (I00-I09, I11, I13, I20-I51)	19,508	10,221	9,287	157.2	166.8	147.9	127.3	168.1	95.1
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	148	50	98	1.2	0.8	1.6	1.0	0.8	1.1
Hypertensive heart disease (I11)	242	116	126	2.0	1.9	2.0	1.6	1.9	1.2
Hypertensive heart and renal disease (I13)	40	15	25	0.3	0.2	0.4	0.3	0.3	0.2
Ischaemic heart diseases (I20-I25)	15,494	8,456	7,038	124.9	138.0	112.1	101.3	138.5	72.1
Acute myocardial infarction (I21-I22)	6,572	3,722	2,850	53.0	60.7	45.4	43.2	60.5	30.0
Other acute ischaemic heart diseases (I24)	311	172	139	2.5	2.8	2.2	2.1	2.8	1.5

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)	8,611	4,562	4,049	69.4	74.5	64.5	56.0	75.2	40.7
Atherosclerotic cardiovascular disease, so described (I25.0)	393	225	168	3.2	3.7	2.7	2.6	3.7	1.8
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	8,218	4,337	3,881	66.2	70.8	61.8	53.3	71.5	38.9
Other heart diseases (I26-I51)	3,584	1,584	2,000	28.9	25.9	31.8	23.2	26.6	20.4
Acute and subacute endocarditis (I33)	24	13	11	0.2	0.2	0.2	0.2	0.2	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	36	20	16	0.3	0.3	0.3	0.3	0.3	0.2
Heart failure (I50)	1,219	461	758	9.8	7.5	12.1	7.6	8.1	7.2
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	2,305	1,090	1,215	18.6	17.8	19.3	15.2	17.9	12.9
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	447	176	271	3.6	2.9	4.3	2.9	3.0	2.7
Cerebrovascular diseases (I60-I69)	5,698	2,326	3,372	45.9	38.0	53.7	36.5	39.3	34.2
Atherosclerosis (I70)	424	168	256	3.4	2.7	4.1	2.7	3.0	2.4
Other diseases of circulatory system (I71-I78)	1,118	610	508	9.0	10.0	8.1	7.4	10.0	5.5
Aortic aneurysm and dissection (I71)	694	405	289	5.6	6.6	4.6	4.6	6.5	3.2
Other diseases of arteries, arterioles and capillaries (I72-I78)	424	205	219	3.4	3.3	3.5	2.8	3.5	2.2
Other disorders of circulatory system (I80-I99)	162	80	82	1.3	1.3	1.3	1.1	1.3	0.9
Influenza and pneumonia (J10-J18)	1,931	874	1,057	15.6	14.3	16.8	12.2	15.6	10.2
Influenza (J10-J11)	100	41	59	0.8	0.7	0.9	0.6	0.7	0.6
Pneumonia (J12-J18)	1,831	833	998	14.8	13.6	15.9	11.5	14.8	9.7
Other acute lower respiratory infections (J20-J22)	12	7	5	0.1	0.1	0.1	0.1	0.1	0.1
Acute bronchitis and bronchiolitis (J20-J21)	4	3	1	0.0	0.0	0.0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	8	4	4	0.1	0.1	0.1	0.1	0.1	0.0
Chronic lower respiratory diseases (J40-J47)	3,289	1,688	1,601	26.5	27.5	25.5	21.6	28.4	17.6
Bronchitis, chronic and unspecified (J40-J42)	35	13	22	0.3	0.2	0.4	0.2	0.2	0.2
Emphysema (J43)	219	119	100	1.8	1.9	1.6	1.5	1.9	1.2
Asthma (J45-J46)	88	38	50	0.7	0.6	0.8	0.6	0.6	0.6
Other chronic lower respiratory diseases (J44, J47)	2,947	1,518	1,429	23.8	24.8	22.8	19.3	25.6	15.7
Pneumoconioses and chemical effects (J60-J66, J68)	29	28	1	0.2	0.5	0.0	0.2	0.4	0.0
Pneumonitis due to solids and liquids (J69)	405	240	165	3.3	3.9	2.6	2.6	4.2	1.7
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	927	507	420	7.5	8.3	6.7	6.2	8.3	4.7
Peptic ulcer (K25-K28)	164	83	81	1.3	1.4	1.3	1.1	1.3	0.9
Diseases of appendix (K35-K38)	28	14	14	0.2	0.2	0.2	0.2	0.2	0.2
Hernia (K40-K46)	108	39	69	0.9	0.6	1.1	0.7	0.6	0.7
Chronic liver disease and cirrhosis (K70, K73-K74)	883	586	297	7.1	9.6	4.7	6.1	8.7	3.8
Alcoholic liver disease (K70)	421	316	105	3.4	5.2	1.7	2.9	4.6	1.4
Other chronic liver disease and cirrhosis (K73-K74)	462	270	192	3.7	4.4	3.1	3.2	4.1	2.4
Cholelithiasis and other disorders of gallbladder (K80-K82)	129	64	65	1.0	1.0	1.0	0.8	1.0	0.7
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	1,277	651	626	10.3	10.6	10.0	8.2	11.2	6.5
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	6	5	1	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)	24	10	14	0.2	0.2	0.2	0.2	0.2	0.2
Renal failure (N17-N19)	1,247	636	611	10.1	10.4	9.7	8.0	11.0	6.3
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)	31	10	21	0.2	0.2	0.3	0.2	0.2	0.2
Hyperplasia of prostate (N40)	...	31	...	...	0.5	...	...	0.5	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	5	...	...	0.1	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	12	...	...	0.2	...	...	0.2
Pregnancy with abortive outcome (O00-O07)	...	...	1	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	11	...	...	0.2	...	...	0.2
Certain conditions originating in the perinatal period (P00-P96)	451	244	207	3.6	4.0	3.3	4.9	5.1	4.6
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	367	183	184	3.0	3.0	2.9	3.3	3.3	3.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	1,154	610	544	9.3	10.0	8.7	8.1	9.8	6.2
All other diseases (residual) ⁷	7,308	3,047	4,261	58.9	49.7	67.9	48.0	50.4	44.9
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3,251	1,831	1,420	26.2	29.9	22.6	22.9	30.2	16.0
Transport accidents (V01-V99, Y85)	934	670	264	7.5	10.9	4.2	7.4	11.0	3.9
Motor vehicle accidents ⁸	852	596	256	6.9	9.7	4.1	6.7	9.8	3.8
Other land transport accidents ⁹	12	11	1	0.1	0.2	0.0	0.1	0.2	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	70	63	7	0.6	1.0	0.1	0.5	1.0	0.1
Nontransport accidents (W00-X59, Y86)	2,317	1,161	1,156	18.7	18.9	18.4	15.5	19.2	12.1
Falls (W00-W19)	1,065	474	591	8.6	7.7	9.4	6.8	8.0	5.9
Accidental discharge of firearms (W32-W34)	5	5	0	0.0	0.1	0.0	0.0	0.1	0.0
Accidental drowning and submersion (W65-W74)	74	59	15	0.6	1.0	0.2	0.6	1.0	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	75	41	34	0.6	0.7	0.5	0.6	0.6	0.5
Accidental poisoning and exposure to noxious substances (X40-X49)	350	244	106	2.8	4.0	1.7	2.7	3.8	1.5

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 and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	748	338	410	6.0	5.5	6.5	4.8	5.8	3.9
Intentional self-harm (suicide) (X60-X84, Y87.0)	1,021	767	254	8.2	12.5	4.0	7.9	12.2	3.8
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	129	123	6	1.0	2.0	0.1	1.0	1.9	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	892	644	248	7.2	10.5	3.9	7.0	10.3	3.7
Assault (homicide) (X85-Y09, Y87.1)	167	121	46	1.3	2.0	0.7	1.4	2.0	0.7
Assault (homicide) by discharge of firearms (X93-X95)	55	46	9	0.4	0.8	0.1	0.5	0.8	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	112	75	37	0.9	1.2	0.6	0.9	1.2	0.6
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)	207	123	84	1.7	2.0	1.3	1.5	1.9	1.2
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)	206	122	84	1.7	2.0	1.3	1.5	1.9	1.2
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	50	22	28	0.4	0.4	0.4	0.3	0.3	0.3

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	9,903	4,929	4,974	846.2	848.4	844.1	627.3	782.5	508.3
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	16	5	11	1.4	0.9	1.9	1.0	0.8	1.0
Tuberculosis (A16-A19)	4	2	2	0.3	0.3	0.3	0.3	0.3	0.1
Respiratory tuberculosis (A16)	4	2	2	0.3	0.3	0.3	0.3	0.3	0.1
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	54	29	25	4.6	5.0	4.2	3.4	4.5	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)	15	8	7	1.3	1.4	1.2	1.1	1.2	1.0
Human immunodeficiency virus [HIV] disease (B20-B24)	10	7	3	0.9	1.2	0.5	1.0	1.4	0.5
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	19	13	6	1.6	2.2	1.0	1.1	2.0	0.6
Malignant neoplasms (C00-C97)	2,714	1,378	1,336	231.9	237.2	226.7	182.9	218.9	159.0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	42	31	11	3.6	5.3	1.9	2.8	4.8	1.3
Malignant neoplasm of oesophagus (C15)	59	42	17	5.0	7.2	2.9	4.0	6.8	1.4
Malignant neoplasm of stomach (C16)	73	38	35	6.2	6.5	5.9	5.0	6.0	4.2
Malignant neoplasms of colon, rectum and anus (C18-C21)	306	175	131	26.1	30.1	22.2	20.0	27.9	13.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	53	29	24	4.5	5.0	4.1	3.8	4.8	3.1
Malignant neoplasm of pancreas (C25)	148	70	78	12.6	12.0	13.2	10.2	11.3	9.3
Malignant neoplasm of larynx (C32)	19	16	3	1.6	2.8	0.5	1.3	2.5	0.2
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	661	351	310	56.5	60.4	52.6	46.2	56.2	38.9
Malignant melanoma of skin (C43)	27	19	8	2.3	3.3	1.4	1.9	3.1	1.0
Malignant neoplasm of breast (C50)	228	1	227	19.5	0.2	38.5	15.4	0.2	28.2
Malignant neoplasm of cervix uteri (C53)	...	...	13	...	...	2.2	...	...	1.5
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	32	...	...	5.4	...	...	3.9
Malignant neoplasm of ovary (C56)	...	...	87	...	...	14.8	...	...	10.7
Malignant neoplasm of prostate (C61)	...	183	...	...	31.5	...	...	28.1	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	65	40	25	5.6	6.9	4.2	4.3	6.4	2.7
Malignant neoplasm of bladder (C67)	64	51	13	5.5	8.8	2.2	4.0	8.0	1.4
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	45	25	20	3.8	4.3	3.4	3.3	3.8	2.9
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	267	135	132	22.8	23.2	22.4	17.9	21.4	14.9
Hodgkin's disease (C81)	6	4	2	0.5	0.7	0.3	0.4	0.6	0.2
Non-Hodgkin's lymphoma (C82-C85)	120	55	65	10.3	9.5	11.0	8.0	8.7	7.3
Leukaemia (C91-C95)	86	51	35	7.3	8.8	5.9	5.9	8.2	4.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	54	24	30	4.6	4.1	5.1	3.6	3.7	3.4
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	1	0	0.1	0.2	0.0	0.1	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)	342	172	170	29.2	29.6	28.8	22.9	27.6	19.4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	82	41	41	7.0	7.1	7.0	5.2	6.6	4.2
Anaemias (D50-D64)	17	8	9	1.5	1.4	1.5	1.0	1.2	0.8
Diabetes mellitus (E10-E14)	452	242	210	38.6	41.7	35.6	28.7	37.9	22.1
Nutritional deficiencies (E40-E64)	10	5	5	0.9	0.9	0.8	0.5	0.8	0.4
Malnutrition (E40-E46)	8	4	4	0.7	0.7	0.7	0.5	0.7	0.3
Other nutritional deficiencies (E50-E64)	2	1	1	0.2	0.2	0.2	0.1	0.1	0.1
Meningitis (G00, G03)	2	1	1	0.2	0.2	0.2	0.2	0.2	0.1
Parkinson's disease (G20-G21)	70	34	36	6.0	5.9	6.1	4.0	5.4	3.1
Alzheimer's disease (G30)	174	52	122	14.9	9.0	20.7	8.9	8.0	9.3
Major cardiovascular diseases (I00-I78)	3,307	1,631	1,676	282.6	280.7	284.4	195.8	255.2	148.5
Diseases of heart (I00-I09, I11, I13, I20-I51)	2,418	1,256	1,162	206.6	216.2	197.2	145.0	196.6	104.4
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	6	2	4	0.5	0.3	0.7	0.4	0.3	0.5
Hypertensive heart disease (I11)	62	28	34	5.3	4.8	5.8	3.8	4.4	3.3
Hypertensive heart and renal disease (I13)	3	0	3	0.3	0.0	0.5	0.1	0.0	0.2
Ischaemic heart diseases (I20-I25)	1,781	986	795	152.2	169.7	134.9	108.4	154.1	73.3
Acute myocardial infarction (I21-I22)	696	380	316	59.5	65.4	53.6	43.0	59.5	30.8
Other acute ischaemic heart diseases (I24)	10	7	3	0.9	1.2	0.5	0.7	1.1	0.3

See footnotes at the end of the table.

Table 1-8 – continued

Deaths by selected grouped causes, sex and geography — Manitoba¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	1,075	599	476	91.9	103.1	80.8	64.7	93.5	42.2
Atherosclerotic cardiovascular disease, so described (I25.0)	41	18	23	3.5	3.1	3.9	2.5	2.9	2.1
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1,034	581	453	88.4	100.0	76.9	62.2	90.6	40.1
Other heart diseases (I26-I51)	566	240	326	48.4	41.3	55.3	32.3	37.8	27.2
Acute and subacute endocarditis (I33)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	3	3	0	0.3	0.5	0.0	0.2	0.4	0.0
Heart failure (I50)	230	89	141	19.7	15.3	23.9	12.0	13.8	10.5
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	332	148	184	28.4	25.5	31.2	20.0	23.6	16.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	74	21	53	6.3	3.6	9.0	3.9	3.3	4.2
Cerebrovascular diseases (I60-I69)	670	276	394	57.3	47.5	66.9	37.8	42.9	33.5
Atherosclerosis (I70)	26	13	13	2.2	2.2	2.2	1.6	2.1	1.1
Other diseases of circulatory system (I71-I78)	119	65	54	10.2	11.2	9.2	7.5	10.3	5.2
Aortic aneurysm and dissection (I71)	83	48	35	7.1	8.3	5.9	5.4	7.7	3.5
Other diseases of arteries, arterioles and capillaries (I72-I78)	36	17	19	3.1	2.9	3.2	2.1	2.6	1.7
Other disorders of circulatory system (I80-I99)	22	11	11	1.9	1.9	1.9	1.6	1.7	1.5
Influenza and pneumonia (J10-J18)	229	105	124	19.6	18.1	21.0	12.3	16.1	9.9
Influenza (J10-J11)	1	0	1	0.1	0.0	0.2	0.0	0.0	0.1
Pneumonia (J12-J18)	228	105	123	19.5	18.1	20.9	12.3	16.1	9.8
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)	386	201	185	33.0	34.6	31.4	22.8	31.6	17.6
Bronchitis, chronic and unspecified (J40-J42)	2	1	1	0.2	0.2	0.2	0.1	0.2	0.1
Emphysema (J43)	15	9	6	1.3	1.5	1.0	1.0	1.4	0.8
Asthma (J45-J46)	12	4	8	1.0	0.7	1.4	0.7	0.6	0.8
Other chronic lower respiratory diseases (J44, J47)	357	187	170	30.5	32.2	28.8	20.9	29.5	15.9
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	43	22	21	3.7	3.8	3.6	2.5	3.4	2.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	121	61	60	10.3	10.5	10.2	7.5	9.5	5.8
Peptic ulcer (K25-K28)	36	23	13	3.1	4.0	2.2	2.5	3.8	1.6
Diseases of appendix (K35-K38)	4	3	1	0.3	0.5	0.2	0.3	0.5	0.1
Hernia (K40-K46)	14	6	8	1.2	1.0	1.4	0.8	0.9	0.7
Chronic liver disease and cirrhosis (K70, K73-K74)	87	51	36	7.4	8.8	6.1	6.5	8.0	5.2
Alcoholic liver disease (K70)	37	23	14	3.2	4.0	2.4	2.8	3.5	2.2
Other chronic liver disease and cirrhosis (K73-K74)	50	28	22	4.3	4.8	3.7	3.6	4.4	3.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	11	4	7	0.9	0.7	1.2	0.7	0.7	0.7
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	170	89	81	14.5	15.3	13.7	9.9	13.8	7.6
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	2	2	0	0.2	0.3	0.0	0.1	0.3	0.0
Renal failure (N17-N19)	168	87	81	14.4	15.0	13.7	9.8	13.5	7.6
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	3	1	2	0.3	0.2	0.3	0.2	0.2	0.3
Hyperplasia of prostate (N40)	...	4	...	...	0.7	...	...	0.6	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	0.2	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	39	18	21	3.3	3.1	3.6	4.0	3.6	4.5
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	51	27	24	4.4	4.6	4.1	4.8	5.0	4.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	125	59	66	10.7	10.2	11.2	7.9	10.0	5.6
All other diseases (residual) ⁷	953	380	573	81.4	65.4	97.2	56.8	59.9	53.5
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	449	265	184	38.4	45.6	31.2	33.3	44.5	22.7
Transport accidents (V01-V99, Y85)	120	88	32	10.3	15.1	5.4	10.4	15.4	5.5
Motor vehicle accidents ⁸	106	75	31	9.1	12.9	5.3	9.2	13.1	5.3
Other land transport accidents ⁹	8	7	1	0.7	1.2	0.2	0.6	1.2	0.2
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	0.5	1.1	0.0
Nontransport accidents (W00-X59, Y86)	329	177	152	28.1	30.5	25.8	22.9	29.2	17.2
Falls (W00-W19)	122	51	71	10.4	8.8	12.0	7.1	8.1	6.6
Accidental discharge of firearms (W32-W34)	3	2	1	0.3	0.3	0.2	0.3	0.4	0.2
Accidental drowning and submersion (W65-W74)	23	17	6	2.0	2.9	1.0	1.9	2.8	1.1
Accidental exposure to smoke, fire and flames (X00-X09)	15	10	5	1.3	1.7	0.8	1.4	1.9	0.8
Accidental poisoning and exposure to noxious substances (X40-X49)	59	36	23	5.0	6.2	3.9	4.8	5.9	3.8

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 and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	107	61	46	9.1	10.5	7.8	7.4	10.1	4.6
Intentional self-harm (suicide) (X60-X84, Y87.0)	132	94	38	11.3	16.2	6.4	11.2	15.7	6.8
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	20	19	1	1.7	3.3	0.2	1.7	3.2	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	112	75	37	9.6	12.9	6.3	9.5	12.4	6.7
Assault (homicide) (X85-Y09, Y87.1)	50	36	14	4.3	6.2	2.4	4.5	6.5	2.4
Assault (homicide) by discharge of firearms (X93-X95)	12	11	1	1.0	1.9	0.2	1.1	2.0	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	38	25	13	3.2	4.3	2.2	3.3	4.5	2.1
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)	16	8	8	1.4	1.4	1.4	1.2	1.3	1.2
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)	15	7	8	1.3	1.2	1.4	1.1	1.1	1.2
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	11	5	6	0.9	0.9	1.0	0.7	0.8	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	8,844	4,553	4,291	889.5	921.8	857.6	601.7	759.1	476.0
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)	7	3	4	0.7	0.6	0.8	0.4	0.4	0.4
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)	2	1	1	0.2	0.2	0.2	0.2	0.2	0.2
Septicaemia (A40-A41)	81	37	44	8.1	7.5	8.8	5.2	5.8	4.8
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	4	3	1	0.4	0.6	0.2	0.4	0.5	0.2
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	13	2	11	1.3	0.4	2.2	0.8	0.3	1.2
Malignant neoplasms (C00-C97)	2,236	1,219	1,017	224.9	246.8	203.3	166.6	205.9	138.3
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	22	16	6	2.2	3.2	1.2	1.9	3.1	0.8
Malignant neoplasm of oesophagus (C15)	48	32	16	4.8	6.5	3.2	3.5	5.3	2.0
Malignant neoplasm of stomach (C16)	63	39	24	6.3	7.9	4.8	4.6	6.6	2.7
Malignant neoplasms of colon, rectum and anus (C18-C21)	242	129	113	24.3	26.1	22.6	17.7	22.1	13.9
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	38	21	17	3.8	4.3	3.4	3.1	3.9	2.4
Malignant neoplasm of pancreas (C25)	106	59	47	10.7	11.9	9.4	7.8	10.0	5.8
Malignant neoplasm of larynx (C32)	9	8	1	0.9	1.6	0.2	0.7	1.4	0.2
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	508	283	225	51.1	57.3	45.0	40.1	48.8	33.7
Malignant melanoma of skin (C43)	26	14	12	2.6	2.8	2.4	1.9	2.3	1.6
Malignant neoplasm of breast (C50)	163	2	161	16.4	0.4	32.2	12.1	0.3	22.3
Malignant neoplasm of cervix uteri (C53)	...	...	11	...	...	2.2	...	...	1.9
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	24	...	...	4.8	...	...	3.3
Malignant neoplasm of ovary (C56)	...	...	55	...	...	11.0	...	...	7.8
Malignant neoplasm of prostate (C61)	...	215	...	...	43.5	...	...	33.9	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	53	36	17	5.3	7.3	3.4	4.1	6.1	2.4
Malignant neoplasm of bladder (C67)	51	40	11	5.1	8.1	2.2	3.2	6.2	1.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	38	24	14	3.8	4.9	2.8	3.4	4.8	2.1
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	245	140	105	24.6	28.3	21.0	18.3	23.7	14.4
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)	99	55	44	10.0	11.1	8.8	7.5	9.2	6.2
Leukaemia (C91-C95)	91	57	34	9.2	11.5	6.8	6.9	9.9	4.6
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	54	27	27	5.4	5.5	5.4	3.9	4.5	3.6
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	319	161	158	32.1	32.6	31.6	23.1	27.2	19.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	56	27	29	5.6	5.5	5.8	3.7	4.5	3.0
Anaemias (D50-D64)	18	5	13	1.8	1.0	2.6	0.9	0.8	1.0
Diabetes mellitus (E10-E14)	331	186	145	33.3	37.7	29.0	22.9	30.9	16.6
Nutritional deficiencies (E40-E64)	9	4	5	0.9	0.8	1.0	0.6	0.6	0.5
Malnutrition (E40-E46)	7	2	5	0.7	0.4	1.0	0.4	0.3	0.5
Other nutritional deficiencies (E50-E64)	2	2	0	0.2	0.4	0.0	0.1	0.3	0.0
Meningitis (G00, G03)	5	5	0	0.5	1.0	0.0	0.4	0.9	0.0
Parkinson's disease (G20-G21)	61	38	23	6.1	7.7	4.6	3.5	5.8	1.9
Alzheimer's disease (G30)	218	73	145	21.9	14.8	29.0	11.7	10.7	12.4
Major cardiovascular diseases (I00-I78)	3,027	1,487	1,540	304.4	301.1	307.8	187.0	238.1	145.2
Diseases of heart (I00-I09, I11, I13, I20-I51)	2,189	1,160	1,029	220.2	234.9	205.6	137.6	186.9	97.8
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	15	7	8	1.5	1.4	1.6	1.1	1.3	1.1
Hypertensive heart disease (I11)	53	24	29	5.3	4.9	5.8	3.1	3.8	2.6
Hypertensive heart and renal disease (I13)	3	0	3	0.3	0.0	0.6	0.1	0.0	0.2
Ischaemic heart diseases (I20-I25)	1,469	845	624	147.7	171.1	124.7	94.5	136.5	61.4
Acute myocardial infarction (I21-I22)	634	375	259	63.8	75.9	51.8	41.1	60.8	25.9
Other acute ischaemic heart diseases (I24)	7	3	4	0.7	0.6	0.8	0.4	0.5	0.3

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
Other forms of chronic ischaemic heart disease (I20, I25)	828	467	361	83.3	94.5	72.1	52.9	75.3	35.1
Atherosclerotic cardiovascular disease, so described (I25.0)	120	73	47	12.1	14.8	9.4	8.0	11.8	4.8
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	708	394	314	71.2	79.8	62.8	45.0	63.4	30.2
Other heart diseases (I26-I51)	649	284	365	65.3	57.5	72.9	38.7	45.4	32.6
Acute and subacute endocarditis (I33)	3	1	2	0.3	0.2	0.4	0.2	0.1	0.3
Diseases of pericardium and acute myocarditis (I30-I31, I40)	6	4	2	0.6	0.8	0.4	0.4	0.6	0.2
Heart failure (I50)	331	129	202	33.3	26.1	40.4	17.5	19.3	15.8
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	309	150	159	31.1	30.4	31.8	20.6	25.2	16.2
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	78	30	48	7.8	6.1	9.6	4.4	4.6	4.3
Cerebrovascular diseases (I60-I69)	597	216	381	60.0	43.7	76.1	34.6	33.4	34.9
Atherosclerosis (I70)	44	20	24	4.4	4.0	4.8	2.5	3.2	1.9
Other diseases of circulatory system (I71-I78)	119	61	58	12.0	12.3	11.6	7.9	10.0	6.1
Aortic aneurysm and dissection (I71)	83	50	33	8.3	10.1	6.6	5.8	8.3	3.9
Other diseases of arteries, arterioles and capillaries (I72-I78)	36	11	25	3.6	2.2	5.0	2.1	1.8	2.3
Other disorders of circulatory system (I80-I99)	21	8	13	2.1	1.6	2.6	1.6	1.5	1.6
Influenza and pneumonia (J10-J18)	290	139	151	29.2	28.1	30.2	16.0	21.3	12.6
Influenza (J10-J11)	14	5	9	1.4	1.0	1.8	0.8	0.8	0.8
Pneumonia (J12-J18)	276	134	142	27.8	27.1	28.4	15.3	20.5	11.8
Other acute lower respiratory infections (J20-J22)	4	2	2	0.4	0.4	0.4	0.2	0.3	0.1
Acute bronchitis and bronchiolitis (J20-J21)	1	0	1	0.1	0.0	0.2	0.0	0.0	0.1
Unspecified acute lower respiratory infection (J22)	3	2	1	0.3	0.4	0.2	0.1	0.3	0.1
Chronic lower respiratory diseases (J40-J47)	371	227	144	37.3	46.0	28.8	23.9	35.8	16.0
Bronchitis, chronic and unspecified (J40-J42)	5	2	3	0.5	0.4	0.6	0.3	0.3	0.2
Emphysema (J43)	36	22	14	3.6	4.5	2.8	2.6	3.5	2.1
Asthma (J45-J46)	14	8	6	1.4	1.6	1.2	0.9	1.2	0.6
Other chronic lower respiratory diseases (J44, J47)	316	195	121	31.8	39.5	24.2	20.1	30.7	13.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	40	22	18	4.0	4.5	3.6	2.5	3.5	1.8
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	123	69	54	12.4	14.0	10.8	8.2	11.4	5.9
Peptic ulcer (K25-K28)	18	11	7	1.8	2.2	1.4	1.2	1.7	0.7
Diseases of appendix (K35-K38)	1	0	1	0.1	0.0	0.2	0.1	0.0	0.1
Hernia (K40-K46)	7	3	4	0.7	0.6	0.8	0.3	0.4	0.3
Chronic liver disease and cirrhosis (K70, K73-K74)	75	47	28	7.5	9.5	5.6	6.7	8.5	5.2
Alcoholic liver disease (K70)	44	29	15	4.4	5.9	3.0	4.2	5.4	3.1
Other chronic liver disease and cirrhosis (K73-K74)	31	18	13	3.1	3.6	2.6	2.5	3.1	2.1
Cholelithiasis and other disorders of gallbladder (K80-K82)	14	9	5	1.4	1.8	1.0	1.0	1.5	0.5
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	189	103	86	19.0	20.9	17.2	11.2	15.8	8.3
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	0	1	0.1	0.0	0.2	0.0	0.0	0.1
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	1	1	0	0.1	0.2	0.0	0.0	0.1	0.0
Renal failure (N17-N19)	187	102	85	18.8	20.7	17.0	11.1	15.7	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)	6	1	5	0.6	0.2	1.0	0.3	0.1	0.4
Hyperplasia of prostate (N40)	...	4	...	...	0.8	...	...	0.6	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	1	...	...	0.2	...	...	0.3
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	1	...	...	0.2	...	...	0.3
Certain conditions originating in the perinatal period (P00-P96)	28	18	10	2.8	3.6	2.0	3.3	4.1	2.5
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	31	16	15	3.1	3.2	3.0	3.4	3.6	3.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	179	90	89	18.0	18.2	17.8	13.9	16.9	10.9
All other diseases (residual) ⁷	799	305	494	80.4	61.7	98.7	51.8	51.1	51.0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	399	251	148	40.1	50.8	29.6	33.6	47.1	21.3
Transport accidents (V01-V99, Y85)	128	85	43	12.9	17.2	8.6	12.7	17.1	8.6
Motor vehicle accidents ⁸	117	75	42	11.8	15.2	8.4	11.5	14.9	8.4
Other land transport accidents ⁹	4	4	0	0.4	0.8	0.0	0.4	0.8	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	7	6	1	0.7	1.2	0.2	0.7	1.3	0.2
Nontransport accidents (W00-X59, Y86)	271	166	105	27.3	33.6	21.0	20.9	30.0	12.7
Falls (W00-W19)	76	41	35	7.6	8.3	7.0	4.6	6.6	3.1
Accidental discharge of firearms (W32-W34)	6	6	0	0.6	1.2	0.0	0.5	1.1	0.0
Accidental drowning and submersion (W65-W74)	8	7	1	0.8	1.4	0.2	0.7	1.3	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	18	13	5	1.8	2.6	1.0	1.8	2.6	1.2
Accidental poisoning and exposure to noxious substances (X40-X49)	35	22	13	3.5	4.5	2.6	3.6	4.6	2.6

See footnotes at the end of the table.

Table 1-9 – continued

Deaths by selected grouped causes, sex and geography — Saskatchewan¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	128	77	51	12.9	15.6	10.2	9.7	13.9	5.7
Intentional self-harm (suicide) (X60-X84, Y87.0)	111	89	22	11.2	18.0	4.4	11.2	17.8	4.7
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	27	27	0	2.7	5.5	0.0	2.7	5.5	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	84	62	22	8.4	12.6	4.4	8.5	12.3	4.7
Assault (homicide) (X85-Y09, Y87.1)	32	25	7	3.2	5.1	1.4	3.6	5.9	1.4
Assault (homicide) by discharge of firearms (X93-X95)	3	3	0	0.3	0.6	0.0	0.4	0.8	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	29	22	7	2.9	4.5	1.4	3.2	5.1	1.4
Legal intervention (Y35, Y89.0)	1	1	0	0.1	0.2	0.0	0.1	0.3	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	12	8	4	1.2	1.6	0.8	1.2	1.6	0.8
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	12	8	4	1.2	1.6	0.8	1.2	1.6	0.8
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	10	6	4	1.0	1.2	0.8	0.7	0.9	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

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

Table 1-10
Deaths by selected grouped causes, sex and geography — Alberta¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{3, 4, 5}	18,675	9,726	8,949	582.7	600.6	564.4	567.8	697.4	463.3
Salmonella infections (A01-A02)	1	1	0	0.0	0.1	0.0	0.0	0.1	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)	21	6	15	0.7	0.4	0.9	0.6	0.5	0.7
Tuberculosis (A16-A19)	6	3	3	0.2	0.2	0.2	0.2	0.2	0.1
Respiratory tuberculosis (A16)	3	2	1	0.1	0.1	0.1	0.1	0.1	0.0
Other tuberculosis (A17-A19)	3	1	2	0.1	0.1	0.1	0.1	0.0	0.1
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	1	0	1	0.0	0.0	0.1	0.0	0.0	0.1
Septicaemia (A40-A41)	92	35	57	2.9	2.2	3.6	2.8	2.5	3.0
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	27	19	8	0.8	1.2	0.5	0.8	1.2	0.5
Human immunodeficiency virus [HIV] disease (B20-B24)	30	21	9	0.9	1.3	0.6	0.9	1.3	0.5
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	35	17	18	1.1	1.0	1.1	1.0	1.2	0.9
Malignant neoplasms (C00-C97)	5,256	2,747	2,509	164.0	169.6	158.3	164.6	194.6	143.2
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	66	39	27	2.1	2.4	1.7	2.1	2.5	1.7
Malignant neoplasm of oesophagus (C15)	104	81	23	3.2	5.0	1.5	3.4	5.6	1.3
Malignant neoplasm of stomach (C16)	143	84	59	4.5	5.2	3.7	4.3	5.9	3.2
Malignant neoplasms of colon, rectum and anus (C18-C21)	546	296	250	17.0	18.3	15.8	17.1	21.3	13.8
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	140	101	39	4.4	6.2	2.5	4.3	6.6	2.1
Malignant neoplasm of pancreas (C25)	309	133	176	9.6	8.2	11.1	9.7	9.2	9.8
Malignant neoplasm of larynx (C32)	37	28	9	1.2	1.7	0.6	1.2	2.0	0.5
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,277	709	568	39.8	43.8	35.8	41.1	50.4	33.9
Malignant melanoma of skin (C43)	69	44	25	2.2	2.7	1.6	2.1	2.8	1.5
Malignant neoplasm of breast (C50)	361	2	359	11.3	0.1	22.6	10.9	0.1	20.5
Malignant neoplasm of cervix uteri (C53)	...	...	31	...	...	2.0	...	...	1.6
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	58	...	...	3.7	...	...	3.4
Malignant neoplasm of ovary (C56)	...	...	147	...	...	9.3	...	...	8.6
Malignant neoplasm of prostate (C61)	...	334	...	...	20.6	...	...	25.8	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	135	82	53	4.2	5.1	3.3	4.2	5.7	3.0
Malignant neoplasm of bladder (C67)	116	85	31	3.6	5.2	2.0	3.7	6.2	1.7
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	160	87	73	5.0	5.4	4.6	4.9	5.5	4.4
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	503	279	224	15.7	17.2	14.1	15.8	19.5	12.6
Hodgkin's disease (C81)	16	10	6	0.5	0.6	0.4	0.5	0.6	0.3
Non-Hodgkin's lymphoma (C82-C85)	196	107	89	6.1	6.6	5.6	6.1	7.4	4.9
Leukaemia (C91-C95)	188	102	86	5.9	6.3	5.4	5.8	7.1	4.8
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	103	60	43	3.2	3.7	2.7	3.3	4.3	2.5
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	720	363	357	22.5	22.4	22.5	22.2	25.5	19.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	99	60	39	3.1	3.7	2.5	3.1	4.4	2.2
Anaemias (D50-D64)	24	11	13	0.7	0.7	0.8	0.7	0.8	0.6
Diabetes mellitus (E10-E14)	437	226	211	13.6	14.0	13.3	13.5	16.8	11.1
Nutritional deficiencies (E40-E64)	14	4	10	0.4	0.2	0.6	0.4	0.3	0.5
Malnutrition (E40-E46)	7	2	5	0.2	0.1	0.3	0.2	0.1	0.3
Other nutritional deficiencies (E50-E64)	7	2	5	0.2	0.1	0.3	0.2	0.1	0.2
Meningitis (G00, G03)	4	2	2	0.1	0.1	0.1	0.1	0.1	0.1
Parkinson's disease (G20-G21)	93	57	36	2.9	3.5	2.3	2.8	4.5	1.8
Alzheimer's disease (G30)	341	87	254	10.6	5.4	16.0	9.7	7.0	11.1
Major cardiovascular diseases (I00-I78)	6,511	3,295	3,216	203.2	203.5	202.8	194.5	244.8	152.7
Diseases of heart (I00-I09, I11, I13, I20-I51)	4,649	2,461	2,188	145.1	152.0	138.0	139.6	180.7	105.0
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	31	12	19	1.0	0.7	1.2	1.0	0.9	1.1
Hypertensive heart disease (I11)	52	18	34	1.6	1.1	2.1	1.6	1.3	1.6
Hypertensive heart and renal disease (I13)	5	2	3	0.2	0.1	0.2	0.2	0.2	0.1
Ischaemic heart diseases (I20-I25)	3,711	2,070	1,641	115.8	127.8	103.5	112.0	151.8	79.0
Acute myocardial infarction (I21-I22)	1,326	753	573	41.4	46.5	36.1	39.9	56.1	27.8
Other acute ischaemic heart diseases (I24)	7	2	5	0.2	0.1	0.3	0.2	0.2	0.2

See footnotes at the end of the table.

Table 1-10 – continued

Deaths by selected grouped causes, sex and geography — Alberta¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	2,378	1,315	1,063	74.2	81.2	67.0	71.8	95.5	51.0
Atherosclerotic cardiovascular disease, so described (I25.0)	642	375	267	20.0	23.2	16.8	19.9	26.5	13.9
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1,736	940	796	54.2	58.0	50.2	51.9	69.0	37.0
Other heart diseases (I26-I51)	850	359	491	26.5	22.2	31.0	25.0	26.5	23.1
Acute and subacute endocarditis (I33)	5	2	3	0.2	0.1	0.2	0.2	0.2	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	6	3	3	0.2	0.2	0.2	0.2	0.2	0.2
Heart failure (I50)	342	130	212	10.7	8.0	13.4	9.8	10.5	9.3
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	497	224	273	15.5	13.8	17.2	14.8	15.7	13.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	103	33	70	3.2	2.0	4.4	3.0	2.6	3.4
Cerebrovascular diseases (I60-I69)	1,266	560	706	39.5	34.6	44.5	37.3	42.9	32.9
Atherosclerosis (I70)	283	112	171	8.8	6.9	10.8	8.2	9.2	7.5
Other diseases of circulatory system (I71-I78)	210	129	81	6.6	8.0	5.1	6.3	9.4	4.0
Aortic aneurysm and dissection (I71)	135	90	45	4.2	5.6	2.8	4.1	6.4	2.2
Other diseases of arteries, arterioles and capillaries (I72-I78)	75	39	36	2.3	2.4	2.3	2.2	3.0	1.8
Other disorders of circulatory system (I80-I99)	41	27	14	1.3	1.7	0.9	1.3	1.8	0.8
Influenza and pneumonia (J10-J18)	415	191	224	12.9	11.8	14.1	12.1	14.7	10.4
Influenza (J10-J11)	7	4	3	0.2	0.2	0.2	0.2	0.3	0.1
Pneumonia (J12-J18)	408	187	221	12.7	11.5	13.9	11.9	14.4	10.3
Other acute lower respiratory infections (J20-J22)	2	0	2	0.1	0.0	0.1	0.1	0.0	0.1
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	2	0	2	0.1	0.0	0.1	0.1	0.0	0.1
Chronic lower respiratory diseases (J40-J47)	786	406	380	24.5	25.1	24.0	24.1	31.1	19.7
Bronchitis, chronic and unspecified (J40-J42)	7	3	4	0.2	0.2	0.3	0.2	0.3	0.2
Emphysema (J43)	62	40	22	1.9	2.5	1.4	1.9	3.0	1.1
Asthma (J45-J46)	27	13	14	0.8	0.8	0.9	0.8	0.8	0.8
Other chronic lower respiratory diseases (J44, J47)	690	350	340	21.5	21.6	21.4	21.2	27.1	17.7
Pneumoconioses and chemical effects (J60-J66, J68)	9	7	2	0.3	0.4	0.1	0.3	0.5	0.1
Pneumonitis due to solids and liquids (J69)	158	94	64	4.9	5.8	4.0	4.7	7.4	3.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	164	95	69	5.1	5.9	4.4	5.0	7.1	3.7
Peptic ulcer (K25-K28)	44	21	23	1.4	1.3	1.5	1.4	1.4	1.2
Diseases of appendix (K35-K38)	2	0	2	0.1	0.0	0.1	0.1	0.0	0.1
Hernia (K40-K46)	16	8	8	0.5	0.5	0.5	0.5	0.6	0.4
Chronic liver disease and cirrhosis (K70, K73-K74)	169	108	61	5.3	6.7	3.8	5.2	7.0	3.7
Alcoholic liver disease (K70)	104	69	35	3.2	4.3	2.2	3.1	4.2	2.0
Other chronic liver disease and cirrhosis (K73-K74)	65	39	26	2.0	2.4	1.6	2.1	2.8	1.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	21	11	10	0.7	0.7	0.6	0.6	0.8	0.5
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	253	132	121	7.9	8.2	7.6	7.6	10.4	5.9
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	1	0	1	0.0	0.0	0.1	0.0	0.0	0.1
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	5	3	2	0.2	0.2	0.1	0.2	0.2	0.1
Renal failure (N17-N19)	247	129	118	7.7	8.0	7.4	7.4	10.2	5.7
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)	14	3	11	0.4	0.2	0.7	0.4	0.2	0.5
Hyperplasia of prostate (N40)	...	8	...	...	0.5	...	...	0.7	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	2	...	...	0.1	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	1	...	...	0.1	...	...	0.1
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	1	...	...	0.1	...	...	0.1
Certain conditions originating in the perinatal period (P00-P96)	125	73	52	3.9	4.5	3.3	4.4	5.0	3.7
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	112	52	60	3.5	3.2	3.8	3.8	3.5	4.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	125	63	62	3.9	3.9	3.9	3.8	4.2	3.2
All other diseases (residual) ⁷	1,572	675	897	49.1	41.7	56.6	46.7	48.9	45.0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	801	552	249	25.0	34.1	15.7	24.3	35.2	13.7
Transport accidents (V01-V99, Y85)	435	321	114	13.6	19.8	7.2	13.4	19.6	6.9
Motor vehicle accidents ⁸	405	297	108	12.6	18.3	6.8	12.4	18.1	6.6
Other land transport accidents ⁹	14	14	0	0.4	0.9	0.0	0.4	0.9	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	16	10	6	0.5	0.6	0.4	0.5	0.6	0.3
Nontransport accidents (W00-X59, Y86)	366	231	135	11.4	14.3	8.5	10.9	15.6	6.8
Falls (W00-W19)	120	79	41	3.7	4.9	2.6	3.6	5.4	2.0
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)	17	13	4	0.5	0.8	0.3	0.5	0.8	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	15	10	5	0.5	0.6	0.3	0.5	0.6	0.3
Accidental poisoning and exposure to noxious substances (X40-X49)	30	20	10	0.9	1.2	0.6	0.9	1.3	0.5

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 and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	182	107	75	5.7	6.6	4.7	5.4	7.3	3.7
Intentional self-harm (suicide) (X60-X84, Y87.0)	450	345	105	14.0	21.3	6.6	13.6	20.8	6.3
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	80	76	4	2.5	4.7	0.3	2.4	4.7	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	370	269	101	11.5	16.6	6.4	11.1	16.1	6.1
Assault (homicide) (X85-Y09, Y87.1)	79	60	19	2.5	3.7	1.2	2.5	3.7	1.2
Assault (homicide) by discharge of firearms (X93-X95)	22	18	4	0.7	1.1	0.3	0.7	1.1	0.3
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	57	42	15	1.8	2.6	0.9	1.8	2.7	0.9
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.1	0.0	0.0	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	293	192	101	9.1	11.9	6.4	8.7	11.2	6.0
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)	293	192	101	9.1	11.9	6.4	8.7	11.2	6.0
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)	20	11	9	0.6	0.7	0.6	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

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

Table 1-11
Deaths by selected grouped causes, sex and geography — British Columbia¹

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{3, 4, 5}	29,923	15,281	14,642	712.1	733.7	691.0	537.4	651.9	442.6
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)	80	32	48	1.9	1.5	2.3	1.4	1.4	1.3
Tuberculosis (A16-A19)	14	8	6	0.3	0.4	0.3	0.2	0.3	0.2
Respiratory tuberculosis (A16)	14	8	6	0.3	0.4	0.3	0.2	0.3	0.2
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	7	4	3	0.2	0.2	0.1	0.2	0.2	0.1
Septicaemia (A40-A41)	200	97	103	4.8	4.7	4.9	3.5	4.1	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)	104	75	29	2.5	3.6	1.4	1.9	2.7	1.0
Human immunodeficiency virus [HIV] disease (B20-B24)	105	85	20	2.5	4.1	0.9	2.2	3.5	0.9
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	63	33	30	1.5	1.6	1.4	1.2	1.5	0.9
Malignant neoplasms (C00-C97)	8,450	4,416	4,034	201.1	212.0	190.4	158.1	184.9	138.0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	149	95	54	3.5	4.6	2.5	2.9	4.0	1.8
Malignant neoplasm of oesophagus (C15)	245	169	76	5.8	8.1	3.6	4.7	7.0	2.7
Malignant neoplasm of stomach (C16)	221	133	88	5.3	6.4	4.2	4.1	5.6	2.9
Malignant neoplasms of colon, rectum and anus (C18-C21)	804	431	373	19.1	20.7	17.6	14.6	17.8	12.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	224	146	78	5.3	7.0	3.7	4.3	6.0	2.7
Malignant neoplasm of pancreas (C25)	495	245	250	11.8	11.8	11.8	9.4	10.3	8.5
Malignant neoplasm of larynx (C32)	53	45	8	1.3	2.2	0.4	1.0	1.9	0.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2,198	1,170	1,028	52.3	56.2	48.5	41.7	48.7	36.4
Malignant melanoma of skin (C43)	130	82	48	3.1	3.9	2.3	2.5	3.5	1.7
Malignant neoplasm of breast (C50)	613	5	608	14.6	0.2	28.7	11.4	0.2	21.0
Malignant neoplasm of cervix uteri (C53)	...	...	48	...	...	2.3	...	...	1.8
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	91	...	...	4.3	...	...	3.0
Malignant neoplasm of ovary (C56)	...	...	220	...	...	10.4	...	...	7.9
Malignant neoplasm of prostate (C61)	...	520	...	...	25.0	...	...	22.2	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	167	108	59	4.0	5.2	2.8	3.1	4.5	2.0
Malignant neoplasm of bladder (C67)	235	174	61	5.6	8.4	2.9	4.2	7.4	1.8
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	217	131	86	5.2	6.3	4.1	4.3	5.4	3.2
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	834	485	349	19.8	23.3	16.5	15.8	20.4	11.8
Hodgkin's disease (C81)	13	8	5	0.3	0.4	0.2	0.3	0.3	0.2
Non-Hodgkin's lymphoma (C82-C85)	343	195	148	8.2	9.4	7.0	6.5	8.1	4.9
Leukaemia (C91-C95)	307	187	120	7.3	9.0	5.7	5.8	7.9	4.1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	170	94	76	4.0	4.5	3.6	3.2	4.0	2.6
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	986	477	509	23.5	22.9	24.0	18.3	20.2	16.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	195	106	89	4.6	5.1	4.2	3.5	4.5	2.6
Anaemias (D50-D64)	36	9	27	0.9	0.4	1.3	0.6	0.4	0.7
Diabetes mellitus (E10-E14)	1,002	557	445	23.8	26.7	21.0	18.0	23.5	13.9
Nutritional deficiencies (E40-E64)	29	7	22	0.7	0.3	1.0	0.5	0.3	0.6
Malnutrition (E40-E46)	22	6	16	0.5	0.3	0.8	0.4	0.2	0.5
Other nutritional deficiencies (E50-E64)	7	1	6	0.2	0.0	0.3	0.1	0.0	0.1
Meningitis (G00, G03)	3	2	1	0.1	0.1	0.0	0.1	0.1	0.0
Parkinson's disease (G20-G21)	205	123	82	4.9	5.9	3.9	3.5	5.2	2.3
Alzheimer's disease (G30)	567	186	381	13.5	8.9	18.0	9.0	8.0	9.5
Major cardiovascular diseases (I00-I78)	9,880	4,846	5,034	235.1	232.7	237.6	167.1	205.5	135.5
Diseases of heart (I00-I09, I11, I13, I20-I51)	6,562	3,368	3,194	156.2	161.7	150.7	111.1	142.7	85.7
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	54	19	35	1.3	0.9	1.7	1.0	0.8	1.1
Hypertensive heart disease (I11)	107	36	71	2.5	1.7	3.4	1.8	1.6	1.8
Hypertensive heart and renal disease (I13)	13	7	6	0.3	0.3	0.3	0.2	0.3	0.2
Ischaemic heart diseases (I20-I25)	4,479	2,461	2,018	106.6	118.2	95.2	76.5	104.0	54.6
Acute myocardial infarction (I21-I22)	2,325	1,300	1,025	55.3	62.4	48.4	40.2	54.7	28.6
Other acute ischaemic heart diseases (I24)	54	32	22	1.3	1.5	1.0	1.0	1.4	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
Other forms of chronic ischaemic heart disease (I20, I25)	2,100	1,129	971	50.0	54.2	45.8	35.3	47.9	25.3
Atherosclerotic cardiovascular disease, so described (I25.0)	70	47	23	1.7	2.3	1.1	1.3	2.0	0.7
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	2,030	1,082	948	48.3	51.9	44.7	34.0	45.9	24.7
Other heart diseases (I26-I51)	1,909	845	1,064	45.4	40.6	50.2	31.7	36.1	28.0
Acute and subacute endocarditis (I33)	14	8	6	0.3	0.4	0.3	0.2	0.3	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	11	7	4	0.3	0.3	0.2	0.2	0.3	0.1
Heart failure (I50)	832	336	496	19.8	16.1	23.4	13.2	14.6	12.2
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,052	494	558	25.0	23.7	26.3	18.0	20.9	15.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	217	86	131	5.2	4.1	6.2	3.7	3.7	3.5
Cerebrovascular diseases (I60-I69)	2,294	933	1,361	54.6	44.8	64.2	37.9	39.6	36.1
Atherosclerosis (I70)	460	264	196	10.9	12.7	9.2	8.3	11.2	5.9
Other diseases of circulatory system (I71-I78)	347	195	152	8.3	9.4	7.2	6.1	8.3	4.3
Aortic aneurysm and dissection (I71)	221	131	90	5.3	6.3	4.2	3.9	5.6	2.6
Other diseases of arteries, arterioles and capillaries (I72-I78)	126	64	62	3.0	3.1	2.9	2.2	2.7	1.7
Other disorders of circulatory system (I80-I99)	43	28	15	1.0	1.3	0.7	0.7	1.2	0.4
Influenza and pneumonia (J10-J18)	1,262	551	711	30.0	26.5	33.6	20.3	24.0	17.8
Influenza (J10-J11)	27	15	12	0.6	0.7	0.6	0.4	0.7	0.3
Pneumonia (J12-J18)	1,235	536	699	29.4	25.7	33.0	19.9	23.3	17.5
Other acute lower respiratory infections (J20-J22)	15	7	8	0.4	0.3	0.4	0.2	0.3	0.2
Acute bronchitis and bronchiolitis (J20-J21)	8	5	3	0.2	0.2	0.1	0.1	0.2	0.1
Unspecified acute lower respiratory infection (J22)	7	2	5	0.2	0.1	0.2	0.1	0.1	0.1
Chronic lower respiratory diseases (J40-J47)	1,305	660	645	31.1	31.7	30.4	22.9	28.0	19.3
Bronchitis, chronic and unspecified (J40-J42)	12	4	8	0.3	0.2	0.4	0.2	0.2	0.2
Emphysema (J43)	108	57	51	2.6	2.7	2.4	1.9	2.4	1.6
Asthma (J45-J46)	47	18	29	1.1	0.9	1.4	0.8	0.8	0.8
Other chronic lower respiratory diseases (J44, J47)	1,138	581	557	27.1	27.9	26.3	20.0	24.6	16.6
Pneumoconioses and chemical effects (J60-J66, J68)	15	14	1	0.4	0.7	0.0	0.3	0.6	0.0
Pneumonitis due to solids and liquids (J69)	165	96	69	3.9	4.6	3.3	2.7	4.2	1.7
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	272	165	107	6.5	7.9	5.0	4.8	6.9	3.2
Peptic ulcer (K25-K28)	61	28	33	1.5	1.3	1.6	1.1	1.2	1.0
Diseases of appendix (K35-K38)	4	1	3	0.1	0.0	0.1	0.1	0.0	0.1
Hernia (K40-K46)	28	16	12	0.7	0.8	0.6	0.5	0.7	0.3
Chronic liver disease and cirrhosis (K70, K73-K74)	280	184	96	6.7	8.8	4.5	5.5	7.4	3.6
Alcoholic liver disease (K70)	175	121	54	4.2	5.8	2.5	3.4	4.8	2.1
Other chronic liver disease and cirrhosis (K73-K74)	105	63	42	2.5	3.0	2.0	2.1	2.7	1.5
Cholelithiasis and other disorders of gallbladder (K80-K82)	33	15	18	0.8	0.7	0.8	0.6	0.6	0.5
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	413	211	202	9.8	10.1	9.5	6.9	9.1	5.3
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	2	2	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)	8	4	4	0.2	0.2	0.2	0.1	0.2	0.1
Renal failure (N17-N19)	403	205	198	9.6	9.8	9.3	6.7	8.8	5.2
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	21	9	12	0.5	0.4	0.6	0.4	0.4	0.3
Hyperplasia of prostate (N40)	...	5	...	...	0.2	...	...	0.2	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	3	...	...	0.1	...	...	0.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	2	...	...	0.1	...	...	0.1
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	2	...	...	0.1	...	...	0.1
Certain conditions originating in the perinatal period (P00-P96)	102	51	51	2.4	2.4	2.4	3.6	3.5	3.7
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	80	33	47	1.9	1.6	2.2	2.3	1.9	2.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	500	294	206	11.9	14.1	9.7	10.8	13.6	8.0
All other diseases (residual) ⁷	2,626	1,118	1,508	62.5	53.7	71.2	45.7	47.3	43.4
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	1,188	781	407	28.3	37.5	19.2	24.8	35.2	14.8
Transport accidents (V01-V99, Y85)	451	321	130	10.7	15.4	6.1	10.3	15.0	5.9
Motor vehicle accidents ⁸	413	289	124	9.8	13.9	5.9	9.5	13.6	5.6
Other land transport accidents ⁹	10	7	3	0.2	0.3	0.1	0.2	0.3	0.1
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	28	25	3	0.7	1.2	0.1	0.6	1.1	0.2
Nontransport accidents (W00-X59, Y86)	737	460	277	17.5	22.1	13.1	14.4	20.2	8.9
Falls (W00-W19)	333	162	171	7.9	7.8	8.1	5.6	7.0	4.3
Accidental discharge of firearms (W32-W34)	1	1	0	0.0	0.0	0.0	0.0	0.1	0.0
Accidental drowning and submersion (W65-W74)	40	35	5	1.0	1.7	0.2	0.9	1.7	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	26	19	7	0.6	0.9	0.3	0.5	0.8	0.3
Accidental poisoning and exposure to noxious substances (X40-X49)	237	177	60	5.6	8.5	2.8	5.3	7.8	2.9

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 and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	100	66	34	2.4	3.2	1.6	2.0	2.8	1.2
Intentional self-harm (suicide) (X60-X84, Y87.0)	465	357	108	11.1	17.1	5.1	10.2	16.0	4.5
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	77	73	4	1.8	3.5	0.2	1.7	3.2	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	388	284	104	9.2	13.6	4.9	8.5	12.8	4.3
Assault (homicide) (X85-Y09, Y87.1)	52	42	10	1.2	2.0	0.5	1.3	2.1	0.4
Assault (homicide) by discharge of firearms (X93-X95)	23	21	2	0.5	1.0	0.1	0.6	1.2	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	29	21	8	0.7	1.0	0.4	0.6	1.0	0.3
Legal intervention (Y35, Y89.0)	4	4	0	0.1	0.2	0.0	0.1	0.2	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	16	11	5	0.4	0.5	0.2	0.4	0.6	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)	16	11	5	0.4	0.5	0.2	0.4	0.6	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)	23	14	9	0.5	0.7	0.4	0.4	0.6	0.3

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. The population estimates used for the 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	166	94	72	538.0	602.4	472.0	762.8	927.5	636.1
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms (C00-C97)	46	21	25	149.1	134.6	163.9	206.0	205.1	224.2
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	2	1	1	6.5	6.4	6.6	6.7	8.6	4.0
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	3.2	6.4	0.0	7.1	13.7	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	5	1	4	16.2	6.4	26.2	13.0	3.5	24.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1	1	0	3.2	6.4	0.0	2.0	4.0	0.0
Malignant neoplasm of pancreas (C25)	1	1	0	3.2	6.4	0.0	2.2	4.1	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)	13	5	8	42.1	32.0	52.4	61.3	46.4	78.3
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	9.7	0.0	19.7	11.2	0.0	21.3
Malignant neoplasm of cervix uteri (C53)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasm of prostate (C61)	...	3	...	...	19.2	...	...	48.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	3	2	1	9.7	12.8	6.6	14.2	13.8	12.6
Malignant neoplasm of bladder (C67)	1	0	1	3.2	0.0	6.6	2.0	0.0	3.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	1	1	0	3.2	6.4	0.0	4.8	8.6	0.0
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	4	2	2	13.0	12.8	13.1	14.1	8.1	20.0
Hodgkin's disease (C81)	1	0	1	3.2	0.0	6.6	4.8	0.0	9.0
Non-Hodgkin's lymphoma (C82-C85)	3	2	1	9.7	12.8	6.6	9.2	8.1	11.0
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)	8	3	5	25.9	19.2	32.8	48.4	46.3	59.4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Anaemias (D50-D64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diabetes mellitus (E10-E14)	5	3	2	16.2	19.2	13.1	32.3	28.0	24.9
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningitis (G00, G03)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Alzheimer's disease (G30)	1	1	0	3.2	6.4	0.0	8.7	28.5	0.0
Major cardiovascular diseases (I00-I78)	39	21	18	126.4	134.6	118.0	221.6	276.4	181.1
Diseases of heart (I00-I09, I11, I13, I20-I51)	27	15	12	87.5	96.1	78.7	149.4	179.5	125.4
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)	16	10	6	51.9	64.1	39.3	86.6	120.1	61.0
Acute myocardial infarction (I21-I22)	8	4	4	25.9	25.6	26.2	45.0	43.1	46.1
Other acute ischaemic heart diseases (I24)	2	2	0	6.5	12.8	0.0	9.1	19.3	0.0

See footnotes at the end of the table.

Table 1-12 – continued

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

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	6	4	2	19.4	25.6	13.1	32.5	57.7	14.8
Atherosclerotic cardiovascular disease, so described (I25.0)	1	1	0	3.2	6.4	0.0	3.3	5.7	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	5	3	2	16.2	19.2	13.1	29.2	52.0	14.8
Other heart diseases (I26-I51)	11	5	6	35.6	32.0	39.3	62.8	59.4	64.4
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)	7	2	5	22.7	12.8	32.8	46.9	34.2	59.6
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	4	3	1	13.0	19.2	6.6	15.8	25.2	4.9
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1	0	1	3.2	0.0	6.6	8.7	0.0	12.4
Cerebrovascular diseases (I60-I69)	8	3	5	25.9	19.2	32.8	43.9	43.7	43.2
Atherosclerosis (I70)	1	1	0	3.2	6.4	0.0	4.8	8.6	0.0
Other diseases of circulatory system (I71-I78)	2	2	0	6.5	12.8	0.0	14.8	44.7	0.0
Aortic aneurysm and dissection (I71)	1	1	0	3.2	6.4	0.0	8.7	28.5	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	1	1	0	3.2	6.4	0.0	6.2	16.2	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)	3	1	2	9.7	6.4	13.1	14.6	4.1	20.0
Influenza (J10-J11)	1	0	1	3.2	0.0	6.6	6.2	0.0	10.0
Pneumonia (J12-J18)	2	1	1	6.5	6.4	6.6	8.4	4.1	10.0
Other acute lower respiratory infections (J20-J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	7	4	3	22.7	25.6	19.7	34.3	33.8	30.0
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Emphysema (J43)	1	1	0	3.2	6.4	0.0	4.8	8.6	0.0
Asthma (J45-J46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other chronic lower respiratory diseases (J44, J47)	6	3	3	19.4	19.2	19.7	29.5	25.2	30.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2	2	0	6.5	12.8	0.0	10.6	32.5	0.0
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	3	2	1	9.7	12.8	6.6	7.5	9.7	4.9
Alcoholic liver disease (K70)	3	2	1	9.7	12.8	6.6	7.5	9.7	4.9
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	3.2	0.0	6.6	3.3	0.0	7.7
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Renal failure (N17-N19)	1	0	1	3.2	0.0	6.6	3.3	0.0	7.7
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	3	1	2	9.7	6.4	13.1	11.8	8.1	15.3
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1	1	0	3.2	6.4	0.0	3.3	5.7	0.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	4	3	1	13.0	19.2	6.6	16.5	29.9	7.7
All other diseases (residual) ⁷	12	7	5	38.9	44.9	32.8	56.6	73.7	41.9
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	25	15	10	81.0	96.1	65.6	86.6	107.4	66.9
Transport accidents (V01-V99, Y85)	6	3	3	19.4	19.2	19.7	15.4	19.1	11.7
Motor vehicle accidents ⁸	6	3	3	19.4	19.2	19.7	15.4	19.1	11.7
Other land transport accidents ⁹	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Nontransport accidents (W00-X59, Y86)	19	12	7	61.6	76.9	45.9	71.1	88.3	55.2
Falls (W00-W19)	1	1	0	3.2	6.4	0.0	6.9	15.3	0.0
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	3	1	2	9.7	6.4	13.1	10.6	8.5	12.9
Accidental exposure to smoke, fire and flames (X00-X09)	1	1	0	3.2	6.4	0.0	4.3	9.0	0.0
Accidental poisoning and exposure to noxious substances (X40-X49)	7	4	3	22.7	25.6	19.7	19.3	20.6	19.7

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 and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	7	5	2	22.7	32.0	13.1	30.0	35.0	22.6
Intentional self-harm (suicide) (X60-X84, Y87.0)	6	6	0	19.4	38.5	0.0	22.6	44.9	0.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	3	3	0	9.7	19.2	0.0	12.5	25.0	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	3	3	0	9.7	19.2	0.0	10.1	19.9	0.0
Assault (homicide) (X85-Y09, Y87.1)	7	6	1	22.7	38.5	6.6	24.6	39.7	7.7
Assault (homicide) by discharge of firearms (X93-X95)	1	1	0	3.2	6.4	0.0	2.5	5.2	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	6	5	1	19.4	32.0	6.6	22.1	34.5	7.7
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	1	0	1	3.2	0.0	6.6	2.0	0.0	3.9
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	3.2	0.0	6.6	2.0	0.0	3.9
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)	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	153	99	54	357.1	448.1	260.1	657.5	762.0	535.5
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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	1	0	1	2.3	0.0	4.8	1.8	0.0	3.9
Malignant neoplasms (C00-C97)	39	26	13	91.0	117.7	62.6	187.3	227.4	146.6
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	2	1	1	4.7	4.5	4.8	6.0	6.4	5.3
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	5	4	1	11.7	18.1	4.8	29.1	43.2	14.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1	1	0	2.3	4.5	0.0	2.3	4.2	0.0
Malignant neoplasm of pancreas (C25)	3	3	0	7.0	13.6	0.0	14.2	26.0	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)	14	8	6	32.7	36.2	28.9	68.5	65.7	71.7
Malignant melanoma of skin (C43)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of breast (C50)	1	0	1	2.3	0.0	4.8	5.9	0.0	12.8
Malignant neoplasm of cervix uteri (C53)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasm of prostate (C61)	...	1	...	...	4.5	...	...	6.4	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	1	1	0	2.3	4.5	0.0	5.9	10.9	0.0
Malignant neoplasm of bladder (C67)	1	1	0	2.3	4.5	0.0	5.3	9.8	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	1	0	1	2.3	0.0	4.8	3.7	0.0	8.6
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	2	2	0	4.7	9.1	0.0	4.3	8.8	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	2.3	4.5	0.0	2.2	4.4	0.0
Leukaemia (C91-C95)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	1	1	0	2.3	4.5	0.0	2.1	4.3	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	7	4	3	16.3	18.1	14.5	38.5	46.1	34.2
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	1	1	0	2.3	4.5	0.0	1.8	3.4	0.0
Anaemias (D50-D64)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diabetes mellitus (E10-E14)	4	3	1	9.3	13.6	4.8	24.5	33.2	14.0
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)	1	0	1	2.3	0.0	4.8	7.5	0.0	15.1
Alzheimer's disease (G30)	1	0	1	2.3	0.0	4.8	7.5	0.0	15.1
Major cardiovascular diseases (I00-I78)	39	24	15	91.0	108.6	72.3	198.1	214.1	170.8
Diseases of heart (I00-I09, I11, I13, I20-I51)	28	20	8	65.3	90.5	38.5	141.9	177.9	95.5
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)	22	18	4	51.3	81.5	19.3	106.5	158.4	45.6
Acute myocardial infarction (I21-I22)	6	4	2	14.0	18.1	9.6	26.7	25.5	25.0
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 1-13 – continued

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

	Number of deaths			Crude mortality rate per 100,000 population ²			Age-standardized mortality rate per 100,000 population ²		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Other forms of chronic ischaemic heart disease (I20, I25)	16	14	2	37.3	63.4	9.6	79.8	132.9	20.6
Atherosclerotic cardiovascular disease, so described (I25.0)	6	6	0	14.0	27.2	0.0	27.9	58.3	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	10	8	2	23.3	36.2	9.6	51.8	74.5	20.6
Other heart diseases (I26-I51)	6	2	4	14.0	9.1	19.3	35.4	19.5	49.9
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)	3	0	3	7.0	0.0	14.5	19.6	0.0	37.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	3	2	1	7.0	9.1	4.8	15.8	19.5	12.8
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1	0	1	2.3	0.0	4.8	2.3	0.0	5.3
Cerebrovascular diseases (I60-I69)	9	4	5	21.0	18.1	24.1	48.6	36.2	58.6
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	1	0	1	2.3	0.0	4.8	5.3	0.0	11.4
Aortic aneurysm and dissection (I71)	1	0	1	2.3	0.0	4.8	5.3	0.0	11.4
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)	3	1	2	7.0	4.5	9.6	19.0	14.9	21.7
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia (J12-J18)	3	1	2	7.0	4.5	9.6	19.0	14.9	21.7
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)	3	2	1	7.0	9.1	4.8	20.8	28.5	13.6
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Asthma (J45-J46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other chronic lower respiratory diseases (J44, J47)	3	2	1	7.0	9.1	4.8	20.8	28.5	13.6
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	5	3	2	11.7	13.6	9.6	23.2	18.6	27.9
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	2	1	1	4.7	4.5	4.8	3.6	3.4	3.9
Alcoholic liver disease (K70)	2	1	1	4.7	4.5	4.8	3.6	3.4	3.9
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)	0	0	0	0.0	0.0	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	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Renal failure (N17-N19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
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)	1	1	0	2.3	4.5	0.0	1.8	3.4	0.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	22	15	7	51.3	67.9	33.7	63.9	86.9	38.8
All other diseases (residual) ⁷	8	5	3	18.7	22.6	14.5	35.5	44.0	25.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	9	6	3	21.0	27.2	14.5	29.8	35.7	25.4
Transport accidents (V01-V99, Y85)	3	3	0	7.0	13.6	0.0	6.7	12.6	0.0
Motor vehicle accidents ⁸	3	3	0	7.0	13.6	0.0	6.7	12.6	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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Nontransport accidents (W00-X59, Y86)	6	3	3	14.0	13.6	14.5	23.1	23.1	25.4
Falls (W00-W19)	3	2	1	7.0	9.1	4.8	13.3	19.3	8.6
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental poisoning and exposure to noxious substances (X40-X49)	1	0	1	2.3	0.0	4.8	2.0	0.0	4.0

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 and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	2	1	1	4.7	4.5	4.8	7.8	3.8	12.8
Intentional self-harm (suicide) (X60-X84, Y87.0)	11	9	2	25.7	40.7	9.6	24.2	38.7	9.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	1	1	0	2.3	4.5	0.0	2.2	4.4	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	10	8	2	23.3	36.2	9.6	22.0	34.3	9.0
Assault (homicide) (X85-Y09, Y87.1)	2	1	1	4.7	4.5	4.8	4.5	4.6	4.5
Assault (homicide) by discharge of firearms (X93-X95)	1	1	0	2.3	4.5	0.0	2.4	4.6	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	1	0	1	2.3	0.0	4.8	2.1	0.0	4.5
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	1	0	2.3	4.5	0.0	2.6	5.0	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)	1	1	0	2.3	4.5	0.0	2.6	5.0	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	121	84	37	407.8	547.0	258.5	970.3	1,110.8	837.7
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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Tuberculosis (A16-A19)	2	1	1	6.7	6.5	7.0	11.8	13.4	9.3
Respiratory tuberculosis (A16)	2	1	1	6.7	6.5	7.0	11.8	13.4	9.3
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Septicaemia (A40-A41)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ⁶	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms (C00-C97)	28	16	12	94.4	104.2	83.8	348.1	312.2	390.1
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	2	1	1	6.7	6.5	7.0	21.0	10.2	44.9
Malignant neoplasm of oesophagus (C15)	1	1	0	3.4	6.5	0.0	22.8	35.1	0.0
Malignant neoplasm of stomach (C16)	2	2	0	6.7	13.0	0.0	38.9	60.3	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	1	1	0	3.4	6.5	0.0	4.9	10.2	0.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	1	1	0	3.4	6.5	0.0	4.2	8.3	0.0
Malignant neoplasm of pancreas (C25)	1	0	1	3.4	0.0	7.0	22.8	0.0	65.1
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	15	7	8	50.6	45.6	55.9	193.0	138.3	261.5
Malignant melanoma of skin (C43)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of breast (C50)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of cervix uteri (C53)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	0	...	...	0.0	...	...	0.0
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	1	1	0	3.4	6.5	0.0	3.6	7.1	0.0
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	2	0	2	6.7	0.0	14.0	9.7	0.0	18.5
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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Leukaemia (C91-C95)	2	0	2	6.7	0.0	14.0	9.7	0.0	18.5
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)	2	2	0	6.7	13.0	0.0	27.2	42.7	0.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	1	0	1	3.4	0.0	7.0	4.1	0.0	9.2
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)	20	16	4	67.4	104.2	27.9	257.3	377.1	88.0
Diseases of heart (I00-I09, I11, I13, I20-I51)	14	12	2	47.2	78.1	14.0	172.6	280.1	16.8
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	1	1	0	3.4	6.5	0.0	4.3	7.9	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)	8	7	1	27.0	45.6	7.0	79.3	125.9	9.3
Acute myocardial infarction (I21-I22)	7	6	1	23.6	39.1	7.0	68.7	106.2	9.3
Other acute ischaemic heart diseases (I24)	1	1	0	3.4	6.5	0.0	10.6	19.7	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)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0.0	0.0	0.0	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	0.0	0.0	0.0
Other heart diseases (I26-I51)	5	4	1	16.9	26.0	7.0	89.1	146.2	7.5
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Heart failure (I50)	1	1	0	3.4	6.5	0.0	24.4	48.9	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	4	3	1	13.5	19.5	7.0	64.6	97.4	7.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1	0	1	3.4	0.0	7.0	22.8	0.0	65.1
Cerebrovascular diseases (I60-I69)	5	4	1	16.9	26.0	7.0	61.9	97.0	6.2
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)	3	2	1	10.1	13.0	7.0	60.2	68.6	71.6
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonia (J12-J18)	3	2	1	10.1	13.0	7.0	60.2	68.6	71.6
Other acute lower respiratory infections (J20-J22)	1	0	1	3.4	0.0	7.0	1.9	0.0	4.1
Acute bronchitis and bronchiolitis (J20-J21)	1	0	1	3.4	0.0	7.0	1.9	0.0	4.1
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)	5	2	3	16.9	13.0	21.0	81.7	48.5	139.6
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Asthma (J45-J46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other chronic lower respiratory diseases (J44, J47)	5	2	3	16.9	13.0	21.0	81.7	48.5	139.6
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	1	0	1	3.4	0.0	7.0	1.9	0.0	3.9
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
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)	0	0	0	0.0	0.0	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	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Renal failure (N17-N19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0	...	...	0.0
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)	7	6	1	23.6	39.1	7.0	13.4	21.4	4.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	2	2	0	6.7	13.0	0.0	3.8	7.1	0.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	6	4	2	20.2	26.0	14.0	19.3	21.9	18.6
All other diseases (residual) ⁷	4	3	1	13.5	19.5	7.0	16.9	25.2	9.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	14	11	3	47.2	71.6	21.0	66.5	83.6	58.5
Transport accidents (V01-V99, Y85)	6	4	2	20.2	26.0	14.0	36.5	34.6	49.2
Motor vehicle accidents ⁸	5	3	2	16.9	19.5	14.0	32.5	27.3	49.2
Other land transport accidents ⁹	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	1	1	0	3.4	6.5	0.0	4.1	7.3	0.0
Nontransport accidents (W00-X59, Y86)	8	7	1	27.0	45.6	7.0	29.9	48.9	9.3
Falls (W00-W19)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	3	2	1	10.1	13.0	7.0	12.1	15.0	9.3
Accidental exposure to smoke, fire and flames (X00-X09)	1	1	0	3.4	6.5	0.0	3.9	7.4	0.0
Accidental poisoning and exposure to noxious substances (X40-X49)	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 and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	4	4	0	13.5	26.0	0.0	13.9	26.5	0.0
Intentional self-harm (suicide) (X60-X84, Y87.0)	24	19	5	80.9	123.7	34.9	72.1	116.5	25.3
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	2	2	0	6.7	13.0	0.0	5.9	11.6	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	22	17	5	74.1	110.7	34.9	66.2	104.9	25.3
Assault (homicide) (X85-Y09, Y87.1)	3	2	1	10.1	13.0	7.0	11.2	15.4	6.2
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	2	1	10.1	13.0	7.0	11.2	15.4	6.2
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)	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	1,775	953	822	526.6	550.4	501.5
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)	1	1	0	0.3	0.6	0.0
Tuberculosis (A16-A19)	0	0	0	0.0	0.0	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	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)	8	3	5	2.4	1.7	3.1
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	0	0	0	0.0	0.0	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	8	4	4	2.4	2.3	2.4
Malignant neoplasms (C00-C97)	8	5	3	2.4	2.9	1.8
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	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	1.2
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	0	0	0	0.0	0.0	0.0
Leukaemia (C91-C95)	4	2	2	1.2	1.2	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)	2	2	0	0.6	1.2	0.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	5	2	3	1.5	1.2	1.8
Anaemias (D50-D64)	0	0	0	0.0	0.0	0.0
Diabetes mellitus (E10-E14)	0	0	0	0.0	0.0	0.0
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)	9	3	6	2.7	1.7	3.7
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	15	8	6.8	8.7	4.9
Diseases of heart (I00-I09, I11, I13, I20-I51)	20	12	8	5.9	6.9	4.9
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
Hypertensive heart and renal disease (I13)	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
Ischaemic heart diseases (I20-I25)	1	1	0	0.3	0.6	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)	1	1	0	0.3	0.6	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)	1	1	0	0.3	0.6	0.0
Other heart diseases (I26-I51)	19	11	8	5.6	6.4	4.9
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	1	0	0.3	0.6	0.0
Heart failure (I50)	1	0	1	0.3	0.0	0.6
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	17	10	7	5.0	5.8	4.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	3	3	0	0.9	1.7	0.0
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	0	0	0	0.0	0.0	0.0
Aortic aneurysm and dissection (I71)	0	0	0	0.0	0.0	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0.0	0.0	0.0
Other disorders of circulatory system (I80-I99)	3	1	2	0.9	0.6	1.2
Influenza and pneumonia (J10-J18)	12	7	5	3.6	4.0	3.1
Influenza (J10-J11)	2	2	0	0.6	1.2	0.0
Pneumonia (J12-J18)	10	5	5	3.0	2.9	3.1
Other acute lower respiratory infections (J20-J22)	1	0	1	0.3	0.0	0.6
Acute bronchitis and bronchiolitis (J20-J21)	1	0	1	0.3	0.0	0.6
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	0	0	0	0.0	0.0	0.0
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	0	0	0	0.0	0.0	0.0
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0.0	0.0	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	0	0	0	0.0	0.0	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	4	2	2	1.2	1.2	1.2
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)	3	2	1	0.9	1.2	0.6
Chronic liver disease and cirrhosis (K70, K73-K74)	1	1	0	0.3	0.6	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	0.3	0.6	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	4	1	3	1.2	0.6	1.8
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0
Renal failure (N17-N19)	4	1	3	1.2	0.6	1.8
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
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)	1,019	541	478	302.3	312.4	291.6
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	412	203	209	122.2	117.2	127.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	140	95	45	41.5	54.9	27.5
All other diseases (residual) ¹¹	81	46	35	24.0	26.6	21.4
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	21	12	9	6.2	6.9	5.5
Transport accidents (V01-V99, Y85)	2	2	0	0.6	1.2	0.0
Motor vehicle accidents ¹²	2	2	0	0.6	1.2	0.0
Other land transport accidents ¹³	0	0	0	0.0	0.0	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0.0	0.0	0.0

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
Nontransport accidents (W00-X59, Y86)	19	10	9	5.6	5.8	5.5
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)	4	2	2	1.2	1.2	1.2
Accidental exposure to smoke, fire and flames (X00-X09)	1	1	0	0.3	0.6	0.0
Accidental poisoning and exposure to noxious substances (X40-X49)	0	0	0	0.0	0.0	0.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	14	7	7	4.2	4.0	4.3
Intentional self-harm (suicide) (X60-X84, Y87.0)	0	0	0	0.0	0.0	0.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	0	0.0	0.0	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	0	0	0	0.0	0.0	0.0
Assault (homicide) (X85-Y09, Y87.1)	7	5	2	2.1	2.9	1.2
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	7	5	2	2.1	2.9	1.2
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	4	3	1	1.2	1.7	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)	4	3	1	1.2	1.7	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)	1	1	0	0.3	0.6	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	286	154	132	20.9	22.1	19.8
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)	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	1	1	0.1	0.1	0.1
Septicaemia (A40-A41)	4	2	2	0.3	0.3	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	4	3	1	0.3	0.4	0.1
Malignant neoplasms (C00-C97)	36	15	21	2.6	2.1	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)	3	1	2	0.2	0.1	0.3
Malignant neoplasm of pancreas (C25)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0.0	0.0	0.0
Malignant melanoma of skin (C43)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of breast (C50)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of cervix uteri (C53)	...	...	0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	0	...	...	0.0
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	1	1	0	0.1	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)	18	6	12	1.3	0.9	1.8
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	8	5	3	0.6	0.7	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)	8	5	3	0.6	0.7	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)	6	2	4	0.4	0.3	0.6
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	4	2	2	0.3	0.3	0.3
Anaemias (D50-D64)	1	0	1	0.1	0.0	0.1
Diabetes mellitus (E10-E14)	2	2	0	0.1	0.3	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	0.1	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)	15	6	9	1.1	0.9	1.3
Diseases of heart (I00-I09, I11, I13, I20-I51)	14	6	8	1.0	0.9	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
Hypertensive heart and renal disease (I13)	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
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	6	8	1.0	0.9	1.2
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	0	2	0.1	0.0	0.3
Heart failure (I50)	1	1	0	0.1	0.1	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	11	5	6	0.8	0.7	0.9
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	1	0	1	0.1	0.0	0.1
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	0	0	0	0.0	0.0	0.0
Aortic aneurysm and dissection (I71)	0	0	0	0.0	0.0	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0.0	0.0	0.0
Other disorders of circulatory system (I80-I99)	1	1	0	0.1	0.1	0.0
Influenza and pneumonia (J10-J18)	5	3	2	0.4	0.4	0.3
Influenza (J10-J11)	1	0	1	0.1	0.0	0.1
Pneumonia (J12-J18)	4	3	1	0.3	0.4	0.1
Other acute lower respiratory infections (J20-J22)	2	1	1	0.1	0.1	0.1
Acute bronchitis and bronchiolitis (J20-J21)	1	1	0	0.1	0.1	0.0
Unspecified acute lower respiratory infection (J22)	1	0	1	0.1	0.0	0.1
Chronic lower respiratory diseases (J40-J47)	0	0	0	0.0	0.0	0.0
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	0	0	0	0.0	0.0	0.0
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0.0	0.0	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	2	1	1	0.1	0.1	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	3	1	2	0.2	0.1	0.3
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	1	0	1	0.1	0.0	0.1
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0.0	0.0	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	2	1	1	0.1	0.1	0.1
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)	0	0	0	0.0	0.0	0.0
Renal failure (N17-N19)	1	0	1	0.1	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)	1	1	0	0.1	0.1	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	0.1	0.0	0.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	38	24	14	2.8	3.4	2.1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	25	12	13	1.8	1.7	1.9
All other diseases (residual) ¹¹	50	33	17	3.7	4.7	2.5
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	67	40	27	4.9	5.7	4.0
Transport accidents (V01-V99, Y85)	20	11	9	1.5	1.6	1.3
Motor vehicle accidents ¹²	18	10	8	1.3	1.4	1.2
Other land transport accidents ¹³	1	1	0	0.1	0.1	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	1	0	1	0.1	0.0	0.1

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
Nontransport accidents (W00-X59, Y86)	47	29	18	3.4	4.2	2.7
Falls (W00-W19)	6	3	3	0.4	0.4	0.4
Accidental discharge of firearms (W32-W34)	1	0	1	0.1	0.0	0.1
Accidental drowning and submersion (W65-W74)	17	13	4	1.2	1.9	0.6
Accidental exposure to smoke, fire and flames (X00-X09)	11	3	8	0.8	0.4	1.2
Accidental poisoning and exposure to noxious substances (X40-X49)	2	1	1	0.1	0.1	0.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	10	9	1	0.7	1.3	0.1
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)	12	3	9	0.9	0.4	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)	12	3	9	0.9	0.4	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)	5	1	4	0.4	0.1	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	1	4	0.4	0.1	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	0.1	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	195	126	69	10.2	12.8	7.4
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	1	1	0	0.1	0.1	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)	1	0	1	0.1	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)	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	1	1	0.1	0.1	0.1
Malignant neoplasms (C00-C97)	45	26	19	2.3	2.6	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)	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)	6	3	3	0.3	0.3	0.3
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	14	9	5	0.7	0.9	0.5
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	13	9	4	0.7	0.9	0.4
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	1	0	1	0.1	0.0	0.1
Leukaemia (C91-C95)	12	9	3	0.6	0.9	0.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	12	5	7	0.6	0.5	0.7
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)	1	1	0	0.1	0.1	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)	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)	8	5	3	0.4	0.5	0.3
Diseases of heart (I00-I09, I11, I13, I20-I51)	6	5	1	0.3	0.5	0.1
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	1	0	1	0.1	0.0	0.1
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0
Hypertensive heart and renal disease (I13)	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
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	5	0	0.3	0.5	0.0
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	0.1	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	4	0	0.2	0.4	0.0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	2	0	2	0.1	0.0	0.2
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	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)	2	2	0	0.1	0.2	0.0
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	2	2	0	0.1	0.2	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)	0	0	0	0.0	0.0	0.0
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	0	0	0	0.0	0.0	0.0
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0.0	0.0	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	1	0	1	0.1	0.0	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	0	0	0	0.0	0.0	0.0
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	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	1	1	0.1	0.1	0.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	15	10	5	0.8	1.0	0.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	5	4	1	0.3	0.4	0.1
All other diseases (residual) ¹¹	28	13	15	1.5	1.3	1.6
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	72	54	18	3.8	5.5	1.9
Transport accidents (V01-V99, Y85)	37	28	9	1.9	2.9	1.0
Motor vehicle accidents ¹²	37	28	9	1.9	2.9	1.0
Other land transport accidents ¹³	0	0	0	0.0	0.0	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0.0	0.0	0.0

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
Nontransport accidents (W00-X59, Y86)	35	26	9	1.8	2.6	1.0
Falls (W00-W19)	7	5	2	0.4	0.5	0.2
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	14	13	1	0.7	1.3	0.1
Accidental exposure to smoke, fire and flames (X00-X09)	5	4	1	0.3	0.4	0.1
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)	9	4	5	0.5	0.4	0.5
Intentional self-harm (suicide) (X60-X84, Y87.0)	0	0	0	0.0	0.0	0.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	0	0.0	0.0	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	0	0	0	0.0	0.0	0.0
Assault (homicide) (X85-Y09, Y87.1)	7	6	1	0.4	0.6	0.1
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	7	6	1	0.4	0.6	0.1
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	1	1	0	0.1	0.1	0.0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	1	1	0	0.1	0.1	0.0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0.0	0.0	0.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	259	157	102	12.2	14.4	9.9
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)	1	0	1	0.0	0.0	0.1
Septicaemia (A40-A41)	1	1	0	0.0	0.1	0.0
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	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	1	0	1	0.0	0.0	0.1
Malignant neoplasms (C00-C97)	52	29	23	2.5	2.7	2.2
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of pancreas (C25)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0.0	0.0	0.0
Malignant melanoma of skin (C43)	1	0	1	0.0	0.0	0.1
Malignant neoplasm of breast (C50)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of cervix uteri (C53)	...	...	0	...	...	0.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	0	...	...	0.0
Malignant neoplasm of ovary (C56)	...	...	0	...	...	0.0
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	2	2	0	0.1	0.2	0.0
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	13	8	5	0.6	0.7	0.5
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	15	8	7	0.7	0.7	0.7
Hodgkin's disease (C81)	0	0	0	0.0	0.0	0.0
Non-Hodgkin's lymphoma (C82-C85)	2	2	0	0.1	0.2	0.0
Leukaemia (C91-C95)	13	6	7	0.6	0.6	0.7
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	21	11	10	1.0	1.0	1.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	1	0	1	0.0	0.0	0.1
Anaemias (D50-D64)	0	0	0	0.0	0.0	0.0
Diabetes mellitus (E10-E14)	2	0	2	0.1	0.0	0.2
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	2	0	2	0.1	0.0	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)	7	6	1	0.3	0.6	0.1
Diseases of heart (I00-I09, I11, I13, I20-I51)	6	5	1	0.3	0.5	0.1
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
Hypertensive heart and renal disease (I13)	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
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)	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)	5	4	1	0.2	0.4	0.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	1	1	0	0.0	0.1	0.0
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	0	0	0	0.0	0.0	0.0
Aortic aneurysm and dissection (I71)	0	0	0	0.0	0.0	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0.0	0.0	0.0
Other disorders of circulatory system (I80-I99)	0	0	0	0.0	0.0	0.0
Influenza and pneumonia (J10-J18)	2	2	0	0.1	0.2	0.0
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	2	2	0	0.1	0.2	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	1	0	0.0	0.1	0.0
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	1	1	0	0.0	0.1	0.0
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0.0	0.0	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	4	2	2	0.2	0.2	0.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	1	0	1	0.0	0.0	0.1
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	1	1	0	0.0	0.1	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
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	1	0	0.0	0.1	0.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	1	1	0	0.0	0.1	0.0
Renal failure (N17-N19)	0	0	0	0.0	0.0	0.0
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	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	1	0	0.0	0.1	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	12	6	6	0.6	0.6	0.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	9	2	7	0.4	0.2	0.7
All other diseases (residual) ¹¹	35	19	16	1.7	1.7	1.5
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	90	64	26	4.2	5.9	2.5
Transport accidents (V01-V99, Y85)	56	37	19	2.6	3.4	1.8
Motor vehicle accidents ¹²	54	36	18	2.5	3.3	1.7
Other land transport accidents ¹³	2	1	1	0.1	0.1	0.1
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

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
Nontransport accidents (W00-X59, Y86)	34	27	7	1.6	2.5	0.7
Falls (W00-W19)	1	1	0	0.0	0.1	0.0
Accidental discharge of firearms (W32-W34)	1	1	0	0.0	0.1	0.0
Accidental drowning and submersion (W65-W74)	6	5	1	0.3	0.5	0.1
Accidental exposure to smoke, fire and flames (X00-X09)	5	4	1	0.2	0.4	0.1
Accidental poisoning and exposure to noxious substances (X40-X49)	2	0	2	0.1	0.0	0.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	19	16	3	0.9	1.5	0.3
Intentional self-harm (suicide) (X60-X84, Y87.0)	28	17	11	1.3	1.6	1.1
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	5	5	0	0.2	0.5	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	23	12	11	1.1	1.1	1.1
Assault (homicide) (X85-Y09, Y87.1)	5	3	2	0.2	0.3	0.2
Assault (homicide) by discharge of firearms (X93-X95)	1	1	0	0.0	0.1	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	4	2	2	0.2	0.2	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)	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	934	666	268	43.9	61.0	25.9
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)	1	0	1	0.0	0.0	0.1
Septicaemia (A40-A41)	0	0	0	0.0	0.0	0.0
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	0	0	0	0.0	0.0	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	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	2	2	0	0.1	0.2	0.0
Malignant neoplasms (C00-C97)	66	41	25	3.1	3.8	2.4
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	0	1	0.0	0.0	0.1
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	0	0	0	0.0	0.0	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)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of pancreas (C25)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1	1	0	0.0	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)	...	...	1	...	...	0.1
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of bladder (C67)	1	1	0	0.0	0.1	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	9	5	4	0.4	0.5	0.4
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	25	13	12	1.2	1.2	1.2
Hodgkin's disease (C81)	2	0	2	0.1	0.0	0.2
Non-Hodgkin's lymphoma (C82-C85)	6	4	2	0.3	0.4	0.2
Leukaemia (C91-C95)	17	9	8	0.8	0.8	0.8
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	26	19	7	1.2	1.7	0.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	2	1	1	0.1	0.1	0.1
Anaemias (D50-D64)	1	0	1	0.0	0.0	0.1
Diabetes mellitus (E10-E14)	4	1	3	0.2	0.1	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	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)	29	18	11	1.4	1.6	1.1
Diseases of heart (I00-I09, I11, I13, I20-I51)	20	12	8	0.9	1.1	0.8
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
Hypertensive heart and renal disease (I13)	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
Ischaemic heart diseases (I20-I25)	1	1	0	0.0	0.1	0.0
Acute myocardial infarction (I21-I22)	1	1	0	0.0	0.1	0.0
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0
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)	19	11	8	0.9	1.0	0.8
Acute and subacute endocarditis (I33)	0	0	0	0.0	0.0	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	0	1	0.0	0.0	0.1
Heart failure (I50)	0	0	0	0.0	0.0	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	18	11	7	0.8	1.0	0.7
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	6	3	3	0.3	0.3	0.3
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	3	3	0	0.1	0.3	0.0
Aortic aneurysm and dissection (I71)	2	2	0	0.1	0.2	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	1	1	0	0.0	0.1	0.0
Other disorders of circulatory system (I80-I99)	0	0	0	0.0	0.0	0.0
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)	5	2	3	0.2	0.2	0.3
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	4	2	2	0.2	0.2	0.2
Other chronic lower respiratory diseases (J44, J47)	1	0	1	0.0	0.0	0.1
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	1	1	0	0.0	0.1	0.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	3	2	1	0.1	0.2	0.1
Peptic ulcer (K25-K28)	0	0	0	0.0	0.0	0.0
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	0	0	0	0.0	0.0	0.0
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)	...	...	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)	16	10	6	0.8	0.9	0.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	50	36	14	2.3	3.3	1.4
All other diseases (residual) ¹¹	58	35	23	2.7	3.2	2.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	414	302	112	19.5	27.7	10.8
Transport accidents (V01-V99, Y85)	324	232	92	15.2	21.3	8.9
Motor vehicle accidents ¹²	313	221	92	14.7	20.2	8.9
Other land transport accidents ¹³	5	5	0	0.2	0.5	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	6	6	0	0.3	0.5	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
Nontransport accidents (W00-X59, Y86)	90	70	20	4.2	6.4	1.9
Falls (W00-W19)	7	6	1	0.3	0.5	0.1
Accidental discharge of firearms (W32-W34)	2	2	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	20	15	5	0.9	1.4	0.5
Accidental exposure to smoke, fire and flames (X00-X09)	9	5	4	0.4	0.5	0.4
Accidental poisoning and exposure to noxious substances (X40-X49)	23	17	6	1.1	1.6	0.6
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	29	25	4	1.4	2.3	0.4
Intentional self-harm (suicide) (X60-X84, Y87.0)	210	161	49	9.9	14.7	4.7
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	25	24	1	1.2	2.2	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	185	137	48	8.7	12.6	4.6
Assault (homicide) (X85-Y09, Y87.1)	39	34	5	1.8	3.1	0.5
Assault (homicide) by discharge of firearms (X93-X95)	12	10	2	0.6	0.9	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	27	24	3	1.3	2.2	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)	21	13	8	1.0	1.2	0.8
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	21	13	8	1.0	1.2	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)	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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	1,287	938	349	57.9	82.4	32.1
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	1	0	1	0.0	0.0	0.1
Tuberculosis (A16-A19)	1	1	0	0.0	0.1	0.0
Respiratory tuberculosis (A16)	0	0	0	0.0	0.0	0.0
Other tuberculosis (A17-A19)	1	1	0	0.0	0.1	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	3	2	1	0.1	0.2	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)	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	4	3	1	0.2	0.3	0.1
Malignant neoplasms (C00-C97)	93	55	38	4.2	4.8	3.5
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	2	1	1	0.1	0.1	0.1
Malignant neoplasm of oesophagus (C15)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of stomach (C16)	2	1	1	0.1	0.1	0.1
Malignant neoplasms of colon, rectum and anus (C18-C21)	1	0	1	0.0	0.0	0.1
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of pancreas (C25)	1	1	0	0.0	0.1	0.0
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2	0	2	0.1	0.0	0.2
Malignant melanoma of skin (C43)	3	2	1	0.1	0.2	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)	2	2	0	0.1	0.2	0.0
Malignant neoplasm of bladder (C67)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	17	10	7	0.8	0.9	0.6
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	34	21	13	1.5	1.8	1.2
Hodgkin's disease (C81)	7	4	3	0.3	0.4	0.3
Non-Hodgkin's lymphoma (C82-C85)	8	5	3	0.4	0.4	0.3
Leukaemia (C91-C95)	19	12	7	0.9	1.1	0.6
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0.0	0.0	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	25	17	8	1.1	1.5	0.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	3	2	1	0.1	0.2	0.1
Anaemias (D50-D64)	3	1	2	0.1	0.1	0.2
Diabetes mellitus (E10-E14)	5	3	2	0.2	0.3	0.2
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	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)	50	29	21	2.2	2.5	1.9
Diseases of heart (I00-I09, I11, I13, I20-I51)	38	21	17	1.7	1.8	1.6
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
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-6 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Ischaemic heart diseases (I20-I25)	3	3	0	0.1	0.3	0.0
Acute myocardial infarction (I21-I22)	1	1	0	0.0	0.1	0.0
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	2	2	0	0.1	0.2	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)	2	2	0	0.1	0.2	0.0
Other heart diseases (I26-I51)	35	18	17	1.6	1.6	1.6
Acute and subacute endocarditis (I33)	1	0	1	0.0	0.0	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	0	1	0.0	0.0	0.1
Heart failure (I50)	0	0	0	0.0	0.0	0.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	33	18	15	1.5	1.6	1.4
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	9	6	3	0.4	0.5	0.3
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)	3	2	1	0.1	0.2	0.1
Influenza (J10-J11)	1	1	0	0.0	0.1	0.0
Pneumonia (J12-J18)	2	1	1	0.1	0.1	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)	1	1	0	0.0	0.1	0.0
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	1	1	0	0.0	0.1	0.0
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0.0	0.0	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	5	3	2	0.2	0.3	0.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	1	0	1	0.0	0.0	0.1
Peptic ulcer (K25-K28)	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)	1	0	1	0.0	0.0	0.1
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0.0	0.0	0.0
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0.0	0.0	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	2	0	2	0.1	0.0	0.2
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	4	3	1	0.2	0.3	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)	4	3	1	0.2	0.3	0.1
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	1	1	0	0.0	0.1	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	4	...	...	0.4
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	4	...	...	0.4
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	21	14	7	0.9	1.2	0.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	75	54	21	3.4	4.7	1.9
All other diseases (residual) ¹¹	94	61	33	4.2	5.4	3.0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	530	399	131	23.8	35.1	12.1
Transport accidents (V01-V99, Y85)	406	309	97	18.3	27.2	8.9
Motor vehicle accidents ¹²	390	295	95	17.5	25.9	8.7
Other land transport accidents ¹³	7	7	0	0.3	0.6	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	9	7	2	0.4	0.6	0.2

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
Nontransport accidents (W00-X59, Y86)	124	90	34	5.6	7.9	3.1
Falls (W00-W19)	11	9	2	0.5	0.8	0.2
Accidental discharge of firearms (W32-W34)	4	4	0	0.2	0.4	0.0
Accidental drowning and submersion (W65-W74)	20	14	6	0.9	1.2	0.6
Accidental exposure to smoke, fire and flames (X00-X09)	9	2	7	0.4	0.2	0.6
Accidental poisoning and exposure to noxious substances (X40-X49)	48	32	16	2.2	2.8	1.5
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	32	29	3	1.4	2.5	0.3
Intentional self-harm (suicide) (X60-X84, Y87.0)	270	218	52	12.1	19.2	4.8
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	31	30	1	1.4	2.6	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	239	188	51	10.7	16.5	4.7
Assault (homicide) (X85-Y09, Y87.1)	72	59	13	3.2	5.2	1.2
Assault (homicide) by discharge of firearms (X93-X95)	34	32	2	1.5	2.8	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	38	27	11	1.7	2.4	1.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	32	22	10	1.4	1.9	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)	32	22	10	1.4	1.9	0.9
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0.0	0.0	0.0

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	1,228	873	355	56.9	79.8	33.3
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	1	0	0.0	0.1	0.0
Septicaemia (A40-A41)	6	3	3	0.3	0.3	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)	9	6	3	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	6	4	2	0.3	0.4	0.2
Malignant neoplasms (C00-C97)	123	66	57	5.7	6.0	5.4
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	1	0	1	0.0	0.0	0.1
Malignant neoplasm of oesophagus (C15)	2	1	1	0.1	0.1	0.1
Malignant neoplasm of stomach (C16)	4	1	3	0.2	0.1	0.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	7	7	0	0.3	0.6	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)	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)	3	1	2	0.1	0.1	0.2
Malignant melanoma of skin (C43)	6	5	1	0.3	0.5	0.1
Malignant neoplasm of breast (C50)	7	0	7	0.3	0.0	0.7
Malignant neoplasm of cervix uteri (C53)	...	...	7	...	...	0.7
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	1	...	...	0.1
Malignant neoplasm of ovary (C56)	...	...	1	...	...	0.1
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0.0	0.0	0.0
Malignant neoplasm of bladder (C67)	2	1	1	0.1	0.1	0.1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	19	11	8	0.9	1.0	0.8
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	31	18	13	1.4	1.6	1.2
Hodgkin's disease (C81)	8	2	6	0.4	0.2	0.6
Non-Hodgkin's lymphoma (C82-C85)	10	8	2	0.5	0.7	0.2
Leukaemia (C91-C95)	12	8	4	0.6	0.7	0.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	1	0	1	0.0	0.0	0.1
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	29	18	11	1.3	1.6	1.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	5	4	1	0.2	0.4	0.1
Anaemias (D50-D64)	2	1	1	0.1	0.1	0.1
Diabetes mellitus (E10-E14)	14	7	7	0.6	0.6	0.7
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	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)	69	47	22	3.2	4.3	2.1
Diseases of heart (I00-I09, I11, I13, I20-I51)	54	36	18	2.5	3.3	1.7
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	1	0	1	0.0	0.0	0.1
Hypertensive heart disease (I11)	0	0	0	0.0	0.0	0.0
Hypertensive heart and renal disease (I13)	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
Ischaemic heart diseases (I20-I25)	13	11	2	0.6	1.0	0.2
Acute myocardial infarction (I21-I22)	3	3	0	0.1	0.3	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)	10	8	2	0.5	0.7	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)	9	7	2	0.4	0.6	0.2
Other heart diseases (I26-I51)	40	25	15	1.9	2.3	1.4
Acute and subacute endocarditis (I33)	2	2	0	0.1	0.2	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	2	1	1	0.1	0.1	0.1
Heart failure (I50)	1	0	1	0.0	0.0	0.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	35	22	13	1.6	2.0	1.2
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	11	9	2	0.5	0.8	0.2
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	4	2	2	0.2	0.2	0.2
Aortic aneurysm and dissection (I71)	2	1	1	0.1	0.1	0.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	2	1	1	0.1	0.1	0.1
Other disorders of circulatory system (I80-I99)	0	0	0	0.0	0.0	0.0
Influenza and pneumonia (J10-J18)	10	5	5	0.5	0.5	0.5
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	10	5	5	0.5	0.5	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)	4	4	0	0.2	0.4	0.0
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	3	3	0	0.1	0.3	0.0
Other chronic lower respiratory diseases (J44, J47)	1	1	0	0.0	0.1	0.0
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	2	0	2	0.1	0.0	0.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	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)	5	2	3	0.2	0.2	0.3
Alcoholic liver disease (K70)	4	1	3	0.2	0.1	0.3
Other chronic liver disease and cirrhosis (K73-K74)	1	1	0	0.0	0.1	0.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	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)	3	2	1	0.1	0.2	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)	...	...	5	...	...	0.5
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	5	...	...	0.5
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	21	10	11	1.0	0.9	1.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	57	41	16	2.6	3.7	1.5
All other diseases (residual) ¹¹	100	56	44	4.6	5.1	4.1
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	400	315	85	18.5	28.8	8.0
Transport accidents (V01-V99, Y85)	261	205	56	12.1	18.7	5.3
Motor vehicle accidents ¹²	243	187	56	11.3	17.1	5.3
Other land transport accidents ¹³	6	6	0	0.3	0.5	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	12	12	0	0.6	1.1	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
Nontransport accidents (W00-X59, Y86)	139	110	29	6.4	10.1	2.7
Falls (W00-W19)	14	11	3	0.6	1.0	0.3
Accidental discharge of firearms (W32-W34)	1	0	1	0.0	0.0	0.1
Accidental drowning and submersion (W65-W74)	15	13	2	0.7	1.2	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	13	8	5	0.6	0.7	0.5
Accidental poisoning and exposure to noxious substances (X40-X49)	77	63	14	3.6	5.8	1.3
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	19	15	4	0.9	1.4	0.4
Intentional self-harm (suicide) (X60-X84, Y87.0)	275	218	57	12.7	19.9	5.4
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	30	29	1	1.4	2.6	0.1
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	245	189	56	11.3	17.3	5.3
Assault (homicide) (X85-Y09, Y87.1)	58	46	12	2.7	4.2	1.1
Assault (homicide) by discharge of firearms (X93-X95)	27	26	1	1.3	2.4	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	31	20	11	1.4	1.8	1.0
Legal intervention (Y35, Y89.0)	3	3	0	0.1	0.3	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	45	30	15	2.1	2.7	1.4
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)	44	29	15	2.0	2.6	1.4
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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	1,490	1,009	481	66.9	89.7	43.6
Salmonella infections (A01-A02)	0	0	0	0.0	0.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0.0	0.0	0.0
Tuberculosis (A16-A19)	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)	5	4	1	0.2	0.4	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)	3	3	0	0.1	0.3	0.0
Human immunodeficiency virus [HIV] disease (B20-B24)	26	17	9	1.2	1.5	0.8
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	2	1	1	0.1	0.1	0.1
Malignant neoplasms (C00-C97)	235	108	127	10.6	9.6	11.5
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	3	2	1	0.1	0.2	0.1
Malignant neoplasm of oesophagus (C15)	2	2	0	0.1	0.2	0.0
Malignant neoplasm of stomach (C16)	10	6	4	0.4	0.5	0.4
Malignant neoplasms of colon, rectum and anus (C18-C21)	12	6	6	0.5	0.5	0.5
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	6	6	0	0.3	0.5	0.0
Malignant neoplasm of pancreas (C25)	6	2	4	0.3	0.2	0.4
Malignant neoplasm of larynx (C32)	0	0	0	0.0	0.0	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	9	7	2	0.4	0.6	0.2
Malignant melanoma of skin (C43)	16	8	8	0.7	0.7	0.7
Malignant neoplasm of breast (C50)	29	0	29	1.3	0.0	2.6
Malignant neoplasm of cervix uteri (C53)	...	...	17	...	...	1.5
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)	2	1	1	0.1	0.1	0.1
Malignant neoplasm of bladder (C67)	2	2	0	0.1	0.2	0.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	28	16	12	1.3	1.4	1.1
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	41	25	16	1.8	2.2	1.5
Hodgkin's disease (C81)	3	2	1	0.1	0.2	0.1
Non-Hodgkin's lymphoma (C82-C85)	18	8	10	0.8	0.7	0.9
Leukaemia (C91-C95)	19	15	4	0.9	1.3	0.4
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	1	0	1	0.0	0.0	0.1
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	42	25	17	1.9	2.2	1.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	4	4	0	0.2	0.4	0.0
Anaemias (D50-D64)	2	1	1	0.1	0.1	0.1
Diabetes mellitus (E10-E14)	20	11	9	0.9	1.0	0.8
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	2	1	1	0.1	0.1	0.1
Parkinson's disease (G20-G21)	0	0	0	0.0	0.0	0.0
Alzheimer's disease (G30)	0	0	0	0.0	0.0	0.0
Major cardiovascular diseases (I00-I78)	126	85	41	5.7	7.6	3.7
Diseases of heart (I00-I09, I11, I13, I20-I51)	99	70	29	4.4	6.2	2.6
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	2	1	1	0.1	0.1	0.1
Hypertensive heart disease (I11)	3	3	0	0.1	0.3	0.0
Hypertensive heart and renal disease (I13)	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
Ischaemic heart diseases (I20-I25)	38	32	6	1.7	2.8	0.5
Acute myocardial infarction (I21-I22)	18	14	4	0.8	1.2	0.4
Other acute ischaemic heart diseases (I24)	0	0	0	0.0	0.0	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	20	18	2	0.9	1.6	0.2
Atherosclerotic cardiovascular disease, so described (I25.0)	2	2	0	0.1	0.2	0.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	18	16	2	0.8	1.4	0.2
Other heart diseases (I26-I51)	56	34	22	2.5	3.0	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)	4	3	1	0.2	0.3	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)	49	29	20	2.2	2.6	1.8
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	0	0	0	0.0	0.0	0.0
Cerebrovascular diseases (I60-I69)	22	10	12	1.0	0.9	1.1
Atherosclerosis (I70)	2	2	0	0.1	0.2	0.0
Other diseases of circulatory system (I71-I78)	3	3	0	0.1	0.3	0.0
Aortic aneurysm and dissection (I71)	3	3	0	0.1	0.3	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)	5	4	1	0.2	0.4	0.1
Influenza and pneumonia (J10-J18)	12	8	4	0.5	0.7	0.4
Influenza (J10-J11)	2	1	1	0.1	0.1	0.1
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	3	3	0.3	0.3	0.3
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0.0	0.0	0.0
Emphysema (J43)	0	0	0	0.0	0.0	0.0
Asthma (J45-J46)	3	1	2	0.1	0.1	0.2
Other chronic lower respiratory diseases (J44, J47)	3	2	1	0.1	0.2	0.1
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	4	3	1	0.2	0.3	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	5	2	3	0.2	0.2	0.3
Peptic ulcer (K25-K28)	2	1	1	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)	10	5	5	0.4	0.4	0.5
Alcoholic liver disease (K70)	5	3	2	0.2	0.3	0.2
Other chronic liver disease and cirrhosis (K73-K74)	5	2	3	0.2	0.2	0.3
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0.0	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	6	3	3	0.3	0.3	0.3
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0.0	0.0	0.0
Renal failure (N17-N19)	6	3	3	0.3	0.3	0.3
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0.0	0.0	0.0
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	0	...	...	0.0
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	4	...	...	0.4
Pregnancy with abortive outcome (O00-O07)	...	...	1	...	...	0.1
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	3	...	...	0.3
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	20	13	7	0.9	1.2	0.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	75	47	28	3.4	4.2	2.5
All other diseases (residual) ¹¹	115	69	46	5.2	6.1	4.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	366	272	94	16.4	24.2	8.5
Transport accidents (V01-V99, Y85)	201	159	42	9.0	14.1	3.8
Motor vehicle accidents ¹²	182	143	39	8.2	12.7	3.5
Other land transport accidents ¹³	4	4	0	0.2	0.4	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	15	12	3	0.7	1.1	0.3

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
Nontransport accidents (W00-X59, Y86)	165	113	52	7.4	10.0	4.7
Falls (W00-W19)	15	11	4	0.7	1.0	0.4
Accidental discharge of firearms (W32-W34)	1	1	0	0.0	0.1	0.0
Accidental drowning and submersion (W65-W74)	11	9	2	0.5	0.8	0.2
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)	82	49	33	3.7	4.4	3.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	48	39	9	2.2	3.5	0.8
Intentional self-harm (suicide) (X60-X84, Y87.0)	316	259	57	14.2	23.0	5.2
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	38	33	5	1.7	2.9	0.5
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	278	226	52	12.5	20.1	4.7
Assault (homicide) (X85-Y09, Y87.1)	60	40	20	2.7	3.6	1.8
Assault (homicide) by discharge of firearms (X93-X95)	22	16	6	1.0	1.4	0.5
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	38	24	14	1.7	2.1	1.3
Legal intervention (Y35, Y89.0)	4	4	0	0.2	0.4	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	53	41	12	2.4	3.6	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)	53	41	12	2.4	3.6	1.1
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	2	0	2	0.1	0.0	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	2,268	1,468	800	94.0	120.9	66.7
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)	1	1	0	0.0	0.1	0.0
Tuberculosis (A16-A19)	2	2	0	0.1	0.2	0.0
Respiratory tuberculosis (A16)	1	1	0	0.0	0.1	0.0
Other tuberculosis (A17-A19)	1	1	0	0.0	0.1	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	1	1	0	0.0	0.1	0.0
Septicaemia (A40-A41)	7	6	1	0.3	0.5	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)	10	6	4	0.4	0.5	0.3
Human immunodeficiency virus [HIV] disease (B20-B24)	72	60	12	3.0	4.9	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	5	3	2	0.2	0.2	0.2
Malignant neoplasms (C00-C97)	499	215	284	20.7	17.7	23.7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	8	7	1	0.3	0.6	0.1
Malignant neoplasm of oesophagus (C15)	12	10	2	0.5	0.8	0.2
Malignant neoplasm of stomach (C16)	17	14	3	0.7	1.2	0.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	42	26	16	1.7	2.1	1.3
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	13	6	7	0.5	0.5	0.6
Malignant neoplasm of pancreas (C25)	11	7	4	0.5	0.6	0.3
Malignant neoplasm of larynx (C32)	1	1	0	0.0	0.1	0.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	43	25	18	1.8	2.1	1.5
Malignant melanoma of skin (C43)	20	8	12	0.8	0.7	1.0
Malignant neoplasm of breast (C50)	102	1	101	4.2	0.1	8.4
Malignant neoplasm of cervix uteri (C53)	...	...	20	...	...	1.7
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	6	...	...	0.5
Malignant neoplasm of ovary (C56)	...	...	13	...	...	1.1
Malignant neoplasm of prostate (C61)	...	0	...	...	0.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	7	4	3	0.3	0.3	0.3
Malignant neoplasm of bladder (C67)	4	2	2	0.2	0.2	0.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	47	31	16	1.9	2.6	1.3
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	67	38	29	2.8	3.1	2.4
Hodgkin's disease (C81)	6	5	1	0.2	0.4	0.1
Non-Hodgkin's lymphoma (C82-C85)	32	13	19	1.3	1.1	1.6
Leukaemia (C91-C95)	27	18	9	1.1	1.5	0.8
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	2	2	0	0.1	0.2	0.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	66	35	31	2.7	2.9	2.6
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	10	4	6	0.4	0.3	0.5
Anaemias (D50-D64)	4	2	2	0.2	0.2	0.2
Diabetes mellitus (E10-E14)	40	32	8	1.7	2.6	0.7
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)	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)	256	192	64	10.6	15.8	5.3
Diseases of heart (I00-I09, I11, I13, I20-I51)	212	167	45	8.8	13.8	3.8
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	2	2	0	0.1	0.2	0.0
Hypertensive heart disease (I11)	9	8	1	0.4	0.7	0.1
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-9 – continued

Deaths by selected grouped causes, age group at time of death and sex, 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
Ischaemic heart diseases (I20-I25)	126	101	25	5.2	8.3	2.1
Acute myocardial infarction (I21-I22)	64	50	14	2.7	4.1	1.2
Other acute ischaemic heart diseases (I24)	6	6	0	0.2	0.5	0.0
Other forms of chronic ischaemic heart disease (I20, I25)	56	45	11	2.3	3.7	0.9
Atherosclerotic cardiovascular disease, so described (I25.0)	9	7	2	0.4	0.6	0.2
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	47	38	9	1.9	3.1	0.8
Other heart diseases (I26-I51)	75	56	19	3.1	4.6	1.6
Acute and subacute endocarditis (I33)	3	2	1	0.1	0.2	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	1	1	0	0.0	0.1	0.0
Heart failure (I50)	4	2	2	0.2	0.2	0.2
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	67	51	16	2.8	4.2	1.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	1	1	0	0.0	0.1	0.0
Cerebrovascular diseases (I60-I69)	40	21	19	1.7	1.7	1.6
Atherosclerosis (I70)	0	0	0	0.0	0.0	0.0
Other diseases of circulatory system (I71-I78)	3	3	0	0.1	0.2	0.0
Aortic aneurysm and dissection (I71)	2	2	0	0.1	0.2	0.0
Other diseases of arteries, arterioles and capillaries (I72-I78)	1	1	0	0.0	0.1	0.0
Other disorders of circulatory system (I80-I99)	8	4	4	0.3	0.3	0.3
Influenza and pneumonia (J10-J18)	21	10	11	0.9	0.8	0.9
Influenza (J10-J11)	0	0	0	0.0	0.0	0.0
Pneumonia (J12-J18)	21	10	11	0.9	0.8	0.9
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)	11	8	3	0.5	0.7	0.3
Bronchitis, chronic and unspecified (J40-J42)	1	0	1	0.0	0.0	0.1
Emphysema (J43)	2	2	0	0.1	0.2	0.0
Asthma (J45-J46)	5	4	1	0.2	0.3	0.1
Other chronic lower respiratory diseases (J44, J47)	3	2	1	0.1	0.2	0.1
Pneumoconioses and chemical effects (J60-J66, J68)	1	0	1	0.0	0.0	0.1
Pneumonitis due to solids and liquids (J69)	7	4	3	0.3	0.3	0.3
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	15	11	4	0.6	0.9	0.3
Peptic ulcer (K25-K28)	2	0	2	0.1	0.0	0.2
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)	47	27	20	1.9	2.2	1.7
Alcoholic liver disease (K70)	33	16	17	1.4	1.3	1.4
Other chronic liver disease and cirrhosis (K73-K74)	14	11	3	0.6	0.9	0.3
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)	8	5	3	0.3	0.4	0.3
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	2	1	1	0.1	0.1	0.1
Renal failure (N17-N19)	6	4	2	0.2	0.3	0.2
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	1	1	0	0.0	0.1	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)	...	...	6	...	...	0.5
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	6	...	...	0.5
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	28	17	11	1.2	1.4	0.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	93	65	28	3.9	5.4	2.3
All other diseases (residual) ¹¹	179	100	79	7.4	8.2	6.6
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	432	328	104	17.9	27.0	8.7
Transport accidents (V01-V99, Y85)	216	156	60	8.9	12.9	5.0
Motor vehicle accidents ¹²	202	143	59	8.4	11.8	4.9
Other land transport accidents ¹³	4	4	0	0.2	0.3	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	10	9	1	0.4	0.7	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
Nontransport accidents (W00-X59, Y86)	216	172	44	8.9	14.2	3.7
Falls (W00-W19)	17	16	1	0.7	1.3	0.1
Accidental discharge of firearms (W32-W34)	2	2	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	19	16	3	0.8	1.3	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	18	11	7	0.7	0.9	0.6
Accidental poisoning and exposure to noxious substances (X40-X49)	111	88	23	4.6	7.2	1.9
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	49	39	10	2.0	3.2	0.8
Intentional self-harm (suicide) (X60-X84, Y87.0)	390	282	108	16.2	23.2	9.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	49	47	2	2.0	3.9	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	341	235	106	14.1	19.4	8.8
Assault (homicide) (X85-Y09, Y87.1)	40	33	7	1.7	2.7	0.6
Assault (homicide) by discharge of firearms (X93-X95)	12	10	2	0.5	0.8	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	28	23	5	1.2	1.9	0.4
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	65	46	19	2.7	3.8	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)	65	46	19	2.7	3.8	1.6
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	1	0	1	0.0	0.0	0.1

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	3,709	2,376	1,333	134.9	172.0	97.5
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)	6	0	6	0.2	0.0	0.4
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	1	0	0.0	0.1	0.0
Septicaemia (A40-A41)	18	12	6	0.7	0.9	0.4
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	22	13	9	0.8	0.9	0.7
Human immunodeficiency virus [HIV] disease (B20-B24)	92	76	16	3.3	5.5	1.2
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	0.1	0.2
Malignant neoplasms (C00-C97)	1,107	507	600	40.3	36.7	43.9
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	23	19	4	0.8	1.4	0.3
Malignant neoplasm of oesophagus (C15)	27	23	4	1.0	1.7	0.3
Malignant neoplasm of stomach (C16)	30	21	9	1.1	1.5	0.7
Malignant neoplasms of colon, rectum and anus (C18-C21)	90	52	38	3.3	3.8	2.8
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	28	22	6	1.0	1.6	0.4
Malignant neoplasm of pancreas (C25)	48	31	17	1.7	2.2	1.2
Malignant neoplasm of larynx (C32)	2	1	1	0.1	0.1	0.1
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	198	98	100	7.2	7.1	7.3
Malignant melanoma of skin (C43)	38	22	16	1.4	1.6	1.2
Malignant neoplasm of breast (C50)	176	0	176	6.4	0.0	12.9
Malignant neoplasm of cervix uteri (C53)	...	...	40	...	...	2.9
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	8	...	...	0.6
Malignant neoplasm of ovary (C56)	...	...	28	...	...	2.0
Malignant neoplasm of prostate (C61)	...	2	...	...	0.1	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	24	18	6	0.9	1.3	0.4
Malignant neoplasm of bladder (C67)	6	3	3	0.2	0.2	0.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	69	50	19	2.5	3.6	1.4
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	139	83	56	5.1	6.0	4.1
Hodgkin's disease (C81)	4	4	0	0.1	0.3	0.0
Non-Hodgkin's lymphoma (C82-C85)	62	35	27	2.3	2.5	2.0
Leukaemia (C91-C95)	56	34	22	2.0	2.5	1.6
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	17	10	7	0.6	0.7	0.5
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	131	62	69	4.8	4.5	5.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	17	10	7	0.6	0.7	0.5
Anaemias (D50-D64)	4	3	1	0.1	0.2	0.1
Diabetes mellitus (E10-E14)	70	47	23	2.5	3.4	1.7
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	0	1	0.0	0.0	0.1
Parkinson's disease (G20-G21)	1	1	0	0.0	0.1	0.0
Alzheimer's disease (G30)	2	1	1	0.1	0.1	0.1
Major cardiovascular diseases (I00-I78)	597	436	161	21.7	31.6	11.8
Diseases of heart (I00-I09, I11, I13, I20-I51)	488	373	115	17.8	27.0	8.4
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	4	2	2	0.1	0.1	0.1
Hypertensive heart disease (I11)	10	7	3	0.4	0.5	0.2
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-10 – continued

Deaths by selected grouped causes, age group at time of death and sex, 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
Ischaemic heart diseases (I20-I25)	353	284	69	12.8	20.6	5.0
Acute myocardial infarction (I21-I22)	181	147	34	6.6	10.6	2.5
Other acute ischaemic heart diseases (I24)	16	13	3	0.6	0.9	0.2
Other forms of chronic ischaemic heart disease (I20, I25)	156	124	32	5.7	9.0	2.3
Atherosclerotic cardiovascular disease, so described (I25.0)	14	11	3	0.5	0.8	0.2
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	142	113	29	5.2	8.2	2.1
Other heart diseases (I26-I51)	121	80	41	4.4	5.8	3.0
Acute and subacute endocarditis (I33)	3	2	1	0.1	0.1	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	6	3	3	0.2	0.2	0.2
Heart failure (I50)	5	4	1	0.2	0.3	0.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	107	71	36	3.9	5.1	2.6
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	3	2	1	0.1	0.1	0.1
Cerebrovascular diseases (I60-I69)	87	50	37	3.2	3.6	2.7
Atherosclerosis (I70)	2	1	1	0.1	0.1	0.1
Other diseases of circulatory system (I71-I78)	17	10	7	0.6	0.7	0.5
Aortic aneurysm and dissection (I71)	14	10	4	0.5	0.7	0.3
Other diseases of arteries, arterioles and capillaries (I72-I78)	3	0	3	0.1	0.0	0.2
Other disorders of circulatory system (I80-I99)	13	9	4	0.5	0.7	0.3
Influenza and pneumonia (J10-J18)	35	22	13	1.3	1.6	1.0
Influenza (J10-J11)	1	0	1	0.0	0.0	0.1
Pneumonia (J12-J18)	34	22	12	1.2	1.6	0.9
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)	18	7	11	0.7	0.5	0.8
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)	10	6	4	0.4	0.4	0.3
Other chronic lower respiratory diseases (J44, J47)	8	1	7	0.3	0.1	0.5
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	3	1	2	0.1	0.1	0.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	19	12	7	0.7	0.9	0.5
Peptic ulcer (K25-K28)	3	2	1	0.1	0.1	0.1
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	2	2	0	0.1	0.1	0.0
Chronic liver disease and cirrhosis (K70, K73-K74)	77	46	31	2.8	3.3	2.3
Alcoholic liver disease (K70)	60	37	23	2.2	2.7	1.7
Other chronic liver disease and cirrhosis (K73-K74)	17	9	8	0.6	0.7	0.6
Cholelithiasis and other disorders of gallbladder (K80-K82)	2	1	1	0.1	0.1	0.1
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	14	8	6	0.5	0.6	0.4
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)	1	1	0	0.0	0.1	0.0
Renal failure (N17-N19)	12	6	6	0.4	0.4	0.4
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	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)	...	...	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)	30	16	14	1.1	1.2	1.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	138	103	35	5.0	7.5	2.6
All other diseases (residual) ¹¹	327	205	122	11.9	14.8	8.9
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	522	413	109	19.0	29.9	8.0
Transport accidents (V01-V99, Y85)	221	172	49	8.0	12.5	3.6
Motor vehicle accidents ¹²	199	152	47	7.2	11.0	3.4
Other land transport accidents ¹³	4	4	0	0.1	0.3	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	18	16	2	0.7	1.2	0.1

See footnotes at the end of the table.

Table 2-10 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Nontransport accidents (W00-X59, Y86)	301	241	60	11.0	17.5	4.4
Falls (W00-W19)	32	27	5	1.2	2.0	0.4
Accidental discharge of firearms (W32-W34)	3	3	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	20	18	2	0.7	1.3	0.1
Accidental exposure to smoke, fire and flames (X00-X09)	19	14	5	0.7	1.0	0.4
Accidental poisoning and exposure to noxious substances (X40-X49)	161	121	40	5.9	8.8	2.9
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	66	58	8	2.4	4.2	0.6
Intentional self-harm (suicide) (X60-X84, Y87.0)	409	319	90	14.9	23.1	6.6
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	50	44	6	1.8	3.2	0.4
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	359	275	84	13.1	19.9	6.1
Assault (homicide) (X85-Y09, Y87.1)	57	37	20	2.1	2.7	1.5
Assault (homicide) by discharge of firearms (X93-X95)	16	13	3	0.6	0.9	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	41	24	17	1.5	1.7	1.2
Legal intervention (Y35, Y89.0)	1	1	0	0.0	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	84	59	25	3.1	4.3	1.8
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	84	59	25	3.1	4.3	1.8
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	7	3	4	0.3	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	5,676	3,454	2,222	220.9	269.8	172.3
Salmonella infections (A01-A02)	1	1	0	0.0	0.1	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	3	1	2	0.1	0.1	0.2
Tuberculosis (A16-A19)	3	3	0	0.1	0.2	0.0
Respiratory tuberculosis (A16)	3	3	0	0.1	0.2	0.0
Other tuberculosis (A17-A19)	0	0	0	0.0	0.0	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	1	1	0	0.0	0.1	0.0
Septicaemia (A40-A41)	26	16	10	1.0	1.2	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)	56	40	16	2.2	3.1	1.2
Human immunodeficiency virus [HIV] disease (B20-B24)	76	62	14	3.0	4.8	1.1
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	11	7	4	0.4	0.5	0.3
Malignant neoplasms (C00-C97)	2,108	938	1,170	82.0	73.3	90.7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	45	33	12	1.8	2.6	0.9
Malignant neoplasm of oesophagus (C15)	44	39	5	1.7	3.0	0.4
Malignant neoplasm of stomach (C16)	68	39	29	2.6	3.0	2.2
Malignant neoplasms of colon, rectum and anus (C18-C21)	201	99	102	7.8	7.7	7.9
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	48	38	10	1.9	3.0	0.8
Malignant neoplasm of pancreas (C25)	86	52	34	3.3	4.1	2.6
Malignant neoplasm of larynx (C32)	7	6	1	0.3	0.5	0.1
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	526	245	281	20.5	19.1	21.8
Malignant melanoma of skin (C43)	48	31	17	1.9	2.4	1.3
Malignant neoplasm of breast (C50)	302	3	299	11.8	0.2	23.2
Malignant neoplasm of cervix uteri (C53)	...	...	39	...	...	3.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	15	...	...	1.2
Malignant neoplasm of ovary (C56)	...	...	72	...	...	5.6
Malignant neoplasm of prostate (C61)	...	7	...	...	0.5	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	56	42	14	2.2	3.3	1.1
Malignant neoplasm of bladder (C67)	26	18	8	1.0	1.4	0.6
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	107	69	38	4.2	5.4	2.9
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	177	104	73	6.9	8.1	5.7
Hodgkin's disease (C81)	8	5	3	0.3	0.4	0.2
Non-Hodgkin's lymphoma (C82-C85)	87	54	33	3.4	4.2	2.6
Leukaemia (C91-C95)	58	30	28	2.3	2.3	2.2
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	24	15	9	0.9	1.2	0.7
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	234	113	121	9.1	8.8	9.4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	26	13	13	1.0	1.0	1.0
Anaemias (D50-D64)	3	2	1	0.1	0.2	0.1
Diabetes mellitus (E10-E14)	107	75	32	4.2	5.9	2.5
Nutritional deficiencies (E40-E64)	0	0	0	0.0	0.0	0.0
Malnutrition (E40-E46)	0	0	0	0.0	0.0	0.0
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	2	2	0	0.1	0.2	0.0
Parkinson's disease (G20-G21)	1	1	0	0.0	0.1	0.0
Alzheimer's disease (G30)	2	0	2	0.1	0.0	0.2
Major cardiovascular diseases (I00-I78)	1,059	802	257	41.2	62.6	19.9
Diseases of heart (I00-I09, I11, I13, I20-I51)	860	691	169	33.5	54.0	13.1
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	7	4	3	0.3	0.3	0.2
Hypertensive heart disease (I11)	10	8	2	0.4	0.6	0.2
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-11 – continued

Deaths by selected grouped causes, age group at time of death and sex, 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
Ischaemic heart diseases (I20-I25)	668	565	103	26.0	44.1	8.0
Acute myocardial infarction (I21-I22)	359	308	51	14.0	24.1	4.0
Other acute ischaemic heart diseases (I24)	12	8	4	0.5	0.6	0.3
Other forms of chronic ischaemic heart disease (I20, I25)	297	249	48	11.6	19.4	3.7
Atherosclerotic cardiovascular disease, so described (I25.0)	33	26	7	1.3	2.0	0.5
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	264	223	41	10.3	17.4	3.2
Other heart diseases (I26-I51)	175	114	61	6.8	8.9	4.7
Acute and subacute endocarditis (I33)	4	2	2	0.2	0.2	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	7	7	0	0.3	0.5	0.0
Heart failure (I50)	20	12	8	0.8	0.9	0.6
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	144	93	51	5.6	7.3	4.0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	3	3	0	0.1	0.2	0.0
Cerebrovascular diseases (I60-I69)	154	77	77	6.0	6.0	6.0
Atherosclerosis (I70)	15	11	4	0.6	0.9	0.3
Other diseases of circulatory system (I71-I78)	27	20	7	1.1	1.6	0.5
Aortic aneurysm and dissection (I71)	15	14	1	0.6	1.1	0.1
Other diseases of arteries, arterioles and capillaries (I72-I78)	12	6	6	0.5	0.5	0.5
Other disorders of circulatory system (I80-I99)	14	6	8	0.5	0.5	0.6
Influenza and pneumonia (J10-J18)	50	29	21	1.9	2.3	1.6
Influenza (J10-J11)	1	0	1	0.0	0.0	0.1
Pneumonia (J12-J18)	49	29	20	1.9	2.3	1.6
Other acute lower respiratory infections (J20-J22)	2	1	1	0.1	0.1	0.1
Acute bronchitis and bronchiolitis (J20-J21)	2	1	1	0.1	0.1	0.1
Unspecified acute lower respiratory infection (J22)	0	0	0	0.0	0.0	0.0
Chronic lower respiratory diseases (J40-J47)	46	28	18	1.8	2.2	1.4
Bronchitis, chronic and unspecified (J40-J42)	1	1	0	0.0	0.1	0.0
Emphysema (J43)	5	4	1	0.2	0.3	0.1
Asthma (J45-J46)	14	8	6	0.5	0.6	0.5
Other chronic lower respiratory diseases (J44, J47)	26	15	11	1.0	1.2	0.9
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0.0	0.0	0.0
Pneumonitis due to solids and liquids (J69)	14	12	2	0.5	0.9	0.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	35	22	13	1.4	1.7	1.0
Peptic ulcer (K25-K28)	8	6	2	0.3	0.5	0.2
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	2	1	1	0.1	0.1	0.1
Chronic liver disease and cirrhosis (K70, K73-K74)	162	117	45	6.3	9.1	3.5
Alcoholic liver disease (K70)	117	87	30	4.6	6.8	2.3
Other chronic liver disease and cirrhosis (K73-K74)	45	30	15	1.8	2.3	1.2
Cholelithiasis and other disorders of gallbladder (K80-K82)	6	3	3	0.2	0.2	0.2
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	27	18	9	1.1	1.4	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)	1	0	1	0.0	0.0	0.1
Renal failure (N17-N19)	26	18	8	1.0	1.4	0.6
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	4	1	3	0.2	0.1	0.2
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)	28	11	17	1.1	0.9	1.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	172	121	51	6.7	9.4	4.0
All other diseases (residual) ¹¹	488	287	201	19.0	22.4	15.6
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	534	403	131	20.8	31.5	10.2
Transport accidents (V01-V99, Y85)	234	176	58	9.1	13.7	4.5
Motor vehicle accidents ¹²	201	147	54	7.8	11.5	4.2
Other land transport accidents ¹³	5	5	0	0.2	0.4	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	28	24	4	1.1	1.9	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
Nontransport accidents (W00-X59, Y86)	300	227	73	11.7	17.7	5.7
Falls (W00-W19)	53	43	10	2.1	3.4	0.8
Accidental discharge of firearms (W32-W34)	2	2	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	16	14	2	0.6	1.1	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	19	14	5	0.7	1.1	0.4
Accidental poisoning and exposure to noxious substances (X40-X49)	143	99	44	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)	67	55	12	2.6	4.3	0.9
Intentional self-harm (suicide) (X60-X84, Y87.0)	446	325	121	17.4	25.4	9.4
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	64	58	6	2.5	4.5	0.5
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	382	267	115	14.9	20.9	8.9
Assault (homicide) (X85-Y09, Y87.1)	45	32	13	1.8	2.5	1.0
Assault (homicide) by discharge of firearms (X93-X95)	8	5	3	0.3	0.4	0.2
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	37	27	10	1.4	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)	103	63	40	4.0	4.9	3.1
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	0	0.0	0.1	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	102	62	40	4.0	4.8	3.1
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	3	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	7,829	4,742	3,087	350.3	428.7	273.6
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	1	0	0.0	0.1	0.0
Tuberculosis (A16-A19)	3	3	0	0.1	0.3	0.0
Respiratory tuberculosis (A16)	2	2	0	0.1	0.2	0.0
Other tuberculosis (A17-A19)	1	1	0	0.0	0.1	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	48	28	20	2.1	2.5	1.8
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	88	66	22	3.9	6.0	1.9
Human immunodeficiency virus [HIV] disease (B20-B24)	59	51	8	2.6	4.6	0.7
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	18	6	12	0.8	0.5	1.1
Malignant neoplasms (C00-C97)	3,340	1,550	1,790	149.5	140.1	158.6
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	73	58	15	3.3	5.2	1.3
Malignant neoplasm of oesophagus (C15)	85	74	11	3.8	6.7	1.0
Malignant neoplasm of stomach (C16)	95	56	39	4.3	5.1	3.5
Malignant neoplasms of colon, rectum and anus (C18-C21)	298	155	143	13.3	14.0	12.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	91	71	20	4.1	6.4	1.8
Malignant neoplasm of pancreas (C25)	166	109	57	7.4	9.9	5.1
Malignant neoplasm of larynx (C32)	18	16	2	0.8	1.4	0.2
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	855	428	427	38.3	38.7	37.8
Malignant melanoma of skin (C43)	61	34	27	2.7	3.1	2.4
Malignant neoplasm of breast (C50)	434	3	431	19.4	0.3	38.2
Malignant neoplasm of cervix uteri (C53)	...	...	38	...	...	3.4
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	27	...	...	2.4
Malignant neoplasm of ovary (C56)	...	...	132	...	...	11.7
Malignant neoplasm of prostate (C61)	...	21	...	...	1.9	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	79	50	29	3.5	4.5	2.6
Malignant neoplasm of bladder (C67)	33	20	13	1.5	1.8	1.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	153	88	65	6.8	8.0	5.8
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	280	157	123	12.5	14.2	10.9
Hodgkin's disease (C81)	10	6	4	0.4	0.5	0.4
Non-Hodgkin's lymphoma (C82-C85)	156	97	59	7.0	8.8	5.2
Leukaemia (C91-C95)	73	33	40	3.3	3.0	3.5
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	41	21	20	1.8	1.9	1.8
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	401	210	191	17.9	19.0	16.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	39	25	14	1.7	2.3	1.2
Anaemias (D50-D64)	3	2	1	0.1	0.2	0.1
Diabetes mellitus (E10-E14)	207	140	67	9.3	12.7	5.9
Nutritional deficiencies (E40-E64)	3	0	3	0.1	0.0	0.3
Malnutrition (E40-E46)	3	0	3	0.1	0.0	0.3
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	5	4	1	0.2	0.4	0.1
Parkinson's disease (G20-G21)	4	4	0	0.2	0.4	0.0
Alzheimer's disease (G30)	5	2	3	0.2	0.2	0.3
Major cardiovascular diseases (I00-I78)	1,634	1,266	368	73.1	114.4	32.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	1,353	1,084	269	60.5	98.0	23.8
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	21	8	13	0.9	0.7	1.2
Hypertensive heart disease (I11)	17	14	3	0.8	1.3	0.3
Hypertensive heart and renal disease (I13)	0	0	0	0.0	0.0	0.0

See footnotes at the end of the table.

Table 2-12 – continued

Deaths by selected grouped causes, age group at time of death and sex, 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
Ischaemic heart diseases (I20-I25)	1,069	887	182	47.8	80.2	16.1
Acute myocardial infarction (I21-I22)	564	468	96	25.2	42.3	8.5
Other acute ischaemic heart diseases (I24)	20	18	2	0.9	1.6	0.2
Other forms of chronic ischaemic heart disease (I20, I25)	485	401	84	21.7	36.2	7.4
Atherosclerotic cardiovascular disease, so described (I25.0)	39	28	11	1.7	2.5	1.0
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	446	373	73	20.0	33.7	6.5
Other heart diseases (I26-I51)	246	175	71	11.0	15.8	6.3
Acute and subacute endocarditis (I33)	5	4	1	0.2	0.4	0.1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	6	5	1	0.3	0.5	0.1
Heart failure (I50)	27	18	9	1.2	1.6	0.8
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	208	148	60	9.3	13.4	5.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	13	8	5	0.6	0.7	0.4
Cerebrovascular diseases (I60-I69)	204	127	77	9.1	11.5	6.8
Atherosclerosis (I70)	21	19	2	0.9	1.7	0.2
Other diseases of circulatory system (I71-I78)	43	28	15	1.9	2.5	1.3
Aortic aneurysm and dissection (I71)	31	22	9	1.4	2.0	0.8
Other diseases of arteries, arterioles and capillaries (I72-I78)	12	6	6	0.5	0.5	0.5
Other disorders of circulatory system (I80-I99)	24	18	6	1.1	1.6	0.5
Influenza and pneumonia (J10-J18)	61	35	26	2.7	3.2	2.3
Influenza (J10-J11)	2	0	2	0.1	0.0	0.2
Pneumonia (J12-J18)	59	35	24	2.6	3.2	2.1
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)	91	46	45	4.1	4.2	4.0
Bronchitis, chronic and unspecified (J40-J42)	1	0	1	0.0	0.0	0.1
Emphysema (J43)	12	6	6	0.5	0.5	0.5
Asthma (J45-J46)	13	5	8	0.6	0.5	0.7
Other chronic lower respiratory diseases (J44, J47)	65	35	30	2.9	3.2	2.7
Pneumoconioses and chemical effects (J60-J66, J68)	1	1	0	0.0	0.1	0.0
Pneumonitis due to solids and liquids (J69)	26	17	9	1.2	1.5	0.8
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	50	32	18	2.2	2.9	1.6
Peptic ulcer (K25-K28)	18	12	6	0.8	1.1	0.5
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	7	4	3	0.3	0.4	0.3
Chronic liver disease and cirrhosis (K70, K73-K74)	261	180	81	11.7	16.3	7.2
Alcoholic liver disease (K70)	171	120	51	7.7	10.8	4.5
Other chronic liver disease and cirrhosis (K73-K74)	90	60	30	4.0	5.4	2.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	7	7	0	0.3	0.6	0.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	50	28	22	2.2	2.5	1.9
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)	49	28	21	2.2	2.5	1.9
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	2	0	2	0.1	0.0	0.2
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)	49	20	29	2.2	1.8	2.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	126	82	44	5.6	7.4	3.9
All other diseases (residual) ¹¹	620	401	219	27.7	36.2	19.4
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	468	361	107	20.9	32.6	9.5
Transport accidents (V01-V99, Y85)	199	145	54	8.9	13.1	4.8
Motor vehicle accidents ¹²	171	121	50	7.7	10.9	4.4
Other land transport accidents ¹³	2	2	0	0.1	0.2	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	26	22	4	1.2	2.0	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
Nontransport accidents (W00-X59, Y86)	269	216	53	12.0	19.5	4.7
Falls (W00-W19)	52	42	10	2.3	3.8	0.9
Accidental discharge of firearms (W32-W34)	2	2	0	0.1	0.2	0.0
Accidental drowning and submersion (W65-W74)	20	17	3	0.9	1.5	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	19	14	5	0.9	1.3	0.4
Accidental poisoning and exposure to noxious substances (X40-X49)	102	78	24	4.6	7.1	2.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	74	63	11	3.3	5.7	1.0
Intentional self-harm (suicide) (X60-X84, Y87.0)	393	284	109	17.6	25.7	9.7
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	72	69	3	3.2	6.2	0.3
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	321	215	106	14.4	19.4	9.4
Assault (homicide) (X85-Y09, Y87.1)	22	13	9	1.0	1.2	0.8
Assault (homicide) by discharge of firearms (X93-X95)	5	2	3	0.2	0.2	0.3
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	17	11	6	0.8	1.0	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)	83	48	35	3.7	4.3	3.1
Discharge of firearms, undetermined intent (Y22-Y24)	1	1	0	0.0	0.1	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	82	47	35	3.7	4.2	3.1
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0.0	0.0	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	11	3	8	0.5	0.3	0.7

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. Age attained at the last birthday preceding death.
3. For "Age at time of death, under 1 year", the mortality rate is based on live births in the calendar year.
4. For "Age at time of death, 1 to 4 years", the mortality rate is based on population estimates for 0 to 4 year olds less live births in the calendar year.
5. For "Age at time of death", each age group except "All ages", the mortality rate represents the age-specific death rate or the number of deaths in a particular age group during a given year per 100,000 population in the same age group as of July 1 of the same year.
6. The population estimates used for the 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

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

Table 2-13
Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 55 to 59 years^{2,3,4,5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89)^{7, 8, 9}	10,611	6,477	4,134	550.3	678.4	424.7
Salmonella infections (A01-A02)	1	1	0	0.1	0.1	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	17	11	6	0.9	1.2	0.6
Tuberculosis (A16-A19)	3	2	1	0.2	0.2	0.1
Respiratory tuberculosis (A16)	2	1	1	0.1	0.1	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)	3	0	3	0.2	0.0	0.3
Septicaemia (A40-A41)	60	37	23	3.1	3.9	2.4
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)	53	41	12	2.7	4.3	1.2
Human immunodeficiency virus [HIV] disease (B20-B24)	44	39	5	2.3	4.1	0.5
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	25	15	10	1.3	1.6	1.0
Malignant neoplasms (C00-C97)	5,007	2,621	2,386	259.7	274.5	245.1
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	118	83	35	6.1	8.7	3.6
Malignant neoplasm of oesophagus (C15)	126	108	18	6.5	11.3	1.8
Malignant neoplasm of stomach (C16)	126	87	39	6.5	9.1	4.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	485	284	201	25.2	29.7	20.7
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	138	98	40	7.2	10.3	4.1
Malignant neoplasm of pancreas (C25)	275	170	105	14.3	17.8	10.8
Malignant neoplasm of larynx (C32)	44	38	6	2.3	4.0	0.6
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,482	794	688	76.9	83.2	70.7
Malignant melanoma of skin (C43)	73	46	27	3.8	4.8	2.8
Malignant neoplasm of breast (C50)	488	2	486	25.3	0.2	49.9
Malignant neoplasm of cervix uteri (C53)	...	...	37	...	...	3.8
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	58	...	...	6.0
Malignant neoplasm of ovary (C56)	...	...	129	...	...	13.3
Malignant neoplasm of prostate (C61)	...	86	...	...	9.0	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	153	109	44	7.9	11.4	4.5
Malignant neoplasm of bladder (C67)	71	52	19	3.7	5.4	2.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	186	121	65	9.6	12.7	6.7
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	365	229	136	18.9	24.0	14.0
Hodgkin's disease (C81)	4	3	1	0.2	0.3	0.1
Non-Hodgkin's lymphoma (C82-C85)	188	117	71	9.8	12.3	7.3
Leukaemia (C91-C95)	103	64	39	5.3	6.7	4.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	70	45	25	3.6	4.7	2.6
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	567	314	253	29.4	32.9	26.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	49	26	23	2.5	2.7	2.4
Anaemias (D50-D64)	11	6	5	0.6	0.6	0.5
Diabetes mellitus (E10-E14)	353	238	115	18.3	24.9	11.8
Nutritional deficiencies (E40-E64)	10	7	3	0.5	0.7	0.3
Malnutrition (E40-E46)	8	5	3	0.4	0.5	0.3
Other nutritional deficiencies (E50-E64)	2	2	0	0.1	0.2	0.0
Meningitis (G00, G03)	2	0	2	0.1	0.0	0.2
Parkinson's disease (G20-G21)	7	3	4	0.4	0.3	0.4
Alzheimer's disease (G30)	11	5	6	0.6	0.5	0.6
Major cardiovascular diseases (I00-I78)	2,407	1,795	612	124.8	188.0	62.9
Diseases of heart (I00-I09, I11, I13, I20-I51)	1,971	1,522	449	102.2	159.4	46.1
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	18	7	11	0.9	0.7	1.1
Hypertensive heart disease (I11)	23	18	5	1.2	1.9	0.5
Hypertensive heart and renal disease (I13)	1	1	0	0.1	0.1	0.0

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
Ischaemic heart diseases (I20-I25)	1,586	1,264	322	82.3	132.4	33.1
Acute myocardial infarction (I21-I22)	814	647	167	42.2	67.8	17.2
Other acute ischaemic heart diseases (I24)	40	31	9	2.1	3.2	0.9
Other forms of chronic ischaemic heart disease (I20, I25)	732	586	146	38.0	61.4	15.0
Atherosclerotic cardiovascular disease, so described (I25.0)	93	78	15	4.8	8.2	1.5
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	639	508	131	33.1	53.2	13.5
Other heart diseases (I26-I51)	343	232	111	17.8	24.3	11.4
Acute and subacute endocarditis (I33)	5	3	2	0.3	0.3	0.2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	9	5	4	0.5	0.5	0.4
Heart failure (I50)	43	30	13	2.2	3.1	1.3
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	286	194	92	14.8	20.3	9.5
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	23	17	6	1.2	1.8	0.6
Cerebrovascular diseases (I60-I69)	293	168	125	15.2	17.6	12.8
Atherosclerosis (I70)	30	23	7	1.6	2.4	0.7
Other diseases of circulatory system (I71-I78)	90	65	25	4.7	6.8	2.6
Aortic aneurysm and dissection (I71)	65	51	14	3.4	5.3	1.4
Other diseases of arteries, arterioles and capillaries (I72-I78)	25	14	11	1.3	1.5	1.1
Other disorders of circulatory system (I80-I99)	26	14	12	1.3	1.5	1.2
Influenza and pneumonia (J10-J18)	101	73	28	5.2	7.6	2.9
Influenza (J10-J11)	3	3	0	0.2	0.3	0.0
Pneumonia (J12-J18)	98	70	28	5.1	7.3	2.9
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)	199	106	93	10.3	11.1	9.6
Bronchitis, chronic and unspecified (J40-J42)	1	0	1	0.1	0.0	0.1
Emphysema (J43)	24	14	10	1.2	1.5	1.0
Asthma (J45-J46)	11	4	7	0.6	0.4	0.7
Other chronic lower respiratory diseases (J44, J47)	163	88	75	8.5	9.2	7.7
Pneumoconioses and chemical effects (J60-J66, J68)	3	3	0	0.2	0.3	0.0
Pneumonitis due to solids and liquids (J69)	24	12	12	1.2	1.3	1.2
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	82	54	28	4.3	5.7	2.9
Peptic ulcer (K25-K28)	29	18	11	1.5	1.9	1.1
Diseases of appendix (K35-K38)	1	1	0	0.1	0.1	0.0
Hernia (K40-K46)	11	7	4	0.6	0.7	0.4
Chronic liver disease and cirrhosis (K70, K73-K74)	264	176	88	13.7	18.4	9.0
Alcoholic liver disease (K70)	160	109	51	8.3	11.4	5.2
Other chronic liver disease and cirrhosis (K73-K74)	104	67	37	5.4	7.0	3.8
Cholelithiasis and other disorders of gallbladder (K80-K82)	4	3	1	0.2	0.3	0.1
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	74	42	32	3.8	4.4	3.3
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)	4	2	2	0.2	0.2	0.2
Renal failure (N17-N19)	70	40	30	3.6	4.2	3.1
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	1	0	1	0.1	0.0	0.1
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)	1	0	1	0.1	0.0	0.1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	52	20	32	2.7	2.1	3.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	146	98	48	7.6	10.3	4.9
All other diseases (residual) ¹¹	773	450	323	40.1	47.1	33.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	396	296	100	20.5	31.0	10.3
Transport accidents (V01-V99, Y85)	178	132	46	9.2	13.8	4.7
Motor vehicle accidents ¹²	157	114	43	8.1	11.9	4.4
Other land transport accidents ¹³	4	3	1	0.2	0.3	0.1
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	17	15	2	0.9	1.6	0.2

See footnotes at the end of the table.

Table 2-13 – continued

Deaths by selected grouped causes, age group at time of death and sex, 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
Nontransport accidents (W00-X59, Y86)	218	164	54	11.3	17.2	5.5
Falls (W00-W19)	60	45	15	3.1	4.7	1.5
Accidental discharge of firearms (W32-W34)	1	1	0	0.1	0.1	0.0
Accidental drowning and submersion (W65-W74)	11	7	4	0.6	0.7	0.4
Accidental exposure to smoke, fire and flames (X00-X09)	11	8	3	0.6	0.8	0.3
Accidental poisoning and exposure to noxious substances (X40-X49)	68	48	20	3.5	5.0	2.1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	67	55	12	3.5	5.8	1.2
Intentional self-harm (suicide) (X60-X84, Y87.0)	275	206	69	14.3	21.6	7.1
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	60	60	0	3.1	6.3	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	215	146	69	11.2	15.3	7.1
Assault (homicide) (X85-Y09, Y87.1)	24	17	7	1.2	1.8	0.7
Assault (homicide) by discharge of firearms (X93-X95)	5	4	1	0.3	0.4	0.1
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	19	13	6	1.0	1.4	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)	53	30	23	2.7	3.1	2.4
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)	53	30	23	2.7	3.1	2.4
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)	7	3	4	0.4	0.3	0.4

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence.
2. 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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	13,139	8,071	5,068	902.4	1,130.2	683.1
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)	23	10	13	1.6	1.4	1.8
Tuberculosis (A16-A19)	4	4	0	0.3	0.6	0.0
Respiratory tuberculosis (A16)	4	4	0	0.3	0.6	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)	80	39	41	5.5	5.5	5.5
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)	30	20	10	2.1	2.8	1.3
Human immunodeficiency virus [HIV] disease (B20-B24)	21	18	3	1.4	2.5	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	27	12	15	1.9	1.7	2.0
Malignant neoplasms (C00-C97)	6,310	3,475	2,835	433.4	486.6	382.1
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	136	106	30	9.3	14.8	4.0
Malignant neoplasm of oesophagus (C15)	177	151	26	12.2	21.1	3.5
Malignant neoplasm of stomach (C16)	146	92	54	10.0	12.9	7.3
Malignant neoplasms of colon, rectum and anus (C18-C21)	618	382	236	42.4	53.5	31.8
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	159	109	50	10.9	15.3	6.7
Malignant neoplasm of pancreas (C25)	344	203	141	23.6	28.4	19.0
Malignant neoplasm of larynx (C32)	67	55	12	4.6	7.7	1.6
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2,014	1,144	870	138.3	160.2	117.3
Malignant melanoma of skin (C43)	78	51	27	5.4	7.1	3.6
Malignant neoplasm of breast (C50)	477	2	475	32.8	0.3	64.0
Malignant neoplasm of cervix uteri (C53)	...	...	29	...	...	3.9
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	71	...	...	9.6
Malignant neoplasm of ovary (C56)	...	...	174	...	...	23.5
Malignant neoplasm of prostate (C61)	...	147	...	...	20.6	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	129	89	40	8.9	12.5	5.4
Malignant neoplasm of bladder (C67)	103	82	21	7.1	11.5	2.8
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	166	103	63	11.4	14.4	8.5
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	529	325	204	36.3	45.5	27.5
Hodgkin's disease (C81)	8	6	2	0.5	0.8	0.3
Non-Hodgkin's lymphoma (C82-C85)	240	141	99	16.5	19.7	13.3
Leukaemia (C91-C95)	181	114	67	12.4	16.0	9.0
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	100	64	36	6.9	9.0	4.9
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	0	0	0	0.0	0.0	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	746	434	312	51.2	60.8	42.1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	65	41	24	4.5	5.7	3.2
Anaemias (D50-D64)	8	1	7	0.5	0.1	0.9
Diabetes mellitus (E10-E14)	498	320	178	34.2	44.8	24.0
Nutritional deficiencies (E40-E64)	3	3	0	0.2	0.4	0.0
Malnutrition (E40-E46)	2	2	0	0.1	0.3	0.0
Other nutritional deficiencies (E50-E64)	1	1	0	0.1	0.1	0.0
Meningitis (G00, G03)	8	6	2	0.5	0.8	0.3
Parkinson's disease (G20-G21)	15	9	6	1.0	1.3	0.8
Alzheimer's disease (G30)	32	17	15	2.2	2.4	2.0
Major cardiovascular diseases (I00-I78)	3,223	2,330	893	221.4	326.3	120.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	2,549	1,899	650	175.1	265.9	87.6
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	29	12	17	2.0	1.7	2.3
Hypertensive heart disease (I11)	30	21	9	2.1	2.9	1.2
Hypertensive heart and renal disease (I13)	1	1	0	0.1	0.1	0.0

See footnotes at the end of the table.

Table 2-14 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Ischaemic heart diseases (I20-I25)	2,066	1,583	483	141.9	221.7	65.1
Acute myocardial infarction (I21-I22)	1,083	817	266	74.4	114.4	35.9
Other acute ischaemic heart diseases (I24)	35	29	6	2.4	4.1	0.8
Other forms of chronic ischaemic heart disease (I20, I25)	948	737	211	65.1	103.2	28.4
Atherosclerotic cardiovascular disease, so described (I25.0)	126	97	29	8.7	13.6	3.9
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	822	640	182	56.5	89.6	24.5
Other heart diseases (I26-I51)	423	282	141	29.1	39.5	19.0
Acute and subacute endocarditis (I33)	9	7	2	0.6	1.0	0.3
Diseases of pericardium and acute myocarditis (I30-I31, I40)	5	3	2	0.3	0.4	0.3
Heart failure (I50)	70	45	25	4.8	6.3	3.4
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	339	227	112	23.3	31.8	15.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	37	25	12	2.5	3.5	1.6
Cerebrovascular diseases (I60-I69)	426	240	186	29.3	33.6	25.1
Atherosclerosis (I70)	60	50	10	4.1	7.0	1.3
Other diseases of circulatory system (I71-I78)	151	116	35	10.4	16.2	4.7
Aortic aneurysm and dissection (I71)	105	85	20	7.2	11.9	2.7
Other diseases of arteries, arterioles and capillaries (I72-I78)	46	31	15	3.2	4.3	2.0
Other disorders of circulatory system (I80-I99)	28	19	9	1.9	2.7	1.2
Influenza and pneumonia (J10-J18)	124	72	52	8.5	10.1	7.0
Influenza (J10-J11)	2	1	1	0.1	0.1	0.1
Pneumonia (J12-J18)	122	71	51	8.4	9.9	6.9
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)	383	207	176	26.3	29.0	23.7
Bronchitis, chronic and unspecified (J40-J42)	1	1	0	0.1	0.1	0.0
Emphysema (J43)	41	25	16	2.8	3.5	2.2
Asthma (J45-J46)	10	7	3	0.7	1.0	0.4
Other chronic lower respiratory diseases (J44, J47)	331	174	157	22.7	24.4	21.2
Pneumoconioses and chemical effects (J60-J66, J68)	6	6	0	0.4	0.8	0.0
Pneumonitis due to solids and liquids (J69)	23	15	8	1.6	2.1	1.1
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	129	90	39	8.9	12.6	5.3
Peptic ulcer (K25-K28)	22	13	9	1.5	1.8	1.2
Diseases of appendix (K35-K38)	0	0	0	0.0	0.0	0.0
Hernia (K40-K46)	10	7	3	0.7	1.0	0.4
Chronic liver disease and cirrhosis (K70, K73-K74)	325	238	87	22.3	33.3	11.7
Alcoholic liver disease (K70)	174	137	37	12.0	19.2	5.0
Other chronic liver disease and cirrhosis (K73-K74)	151	101	50	10.4	14.1	6.7
Cholelithiasis and other disorders of gallbladder (K80-K82)	16	11	5	1.1	1.5	0.7
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	99	63	36	6.8	8.8	4.9
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	2	1	1	0.1	0.1	0.1
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	2	1	1	0.1	0.1	0.1
Renal failure (N17-N19)	95	61	34	6.5	8.5	4.6
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	5	2	3	0.3	0.3	0.4
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)	25	13	12	1.7	1.8	1.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	129	83	46	8.9	11.6	6.2
All other diseases (residual) ¹¹	879	493	386	60.4	69.0	52.0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	359	272	87	24.7	38.1	11.7
Transport accidents (V01-V99, Y85)	141	110	31	9.7	15.4	4.2
Motor vehicle accidents ¹²	124	95	29	8.5	13.3	3.9
Other land transport accidents ¹³	3	2	1	0.2	0.3	0.1
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	14	13	1	1.0	1.8	0.1

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
Nontransport accidents (W00-X59, Y86)	218	162	56	15.0	22.7	7.5
Falls (W00-W19)	85	65	20	5.8	9.1	2.7
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	15	13	2	1.0	1.8	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	18	15	3	1.2	2.1	0.4
Accidental poisoning and exposure to noxious substances (X40-X49)	42	26	16	2.9	3.6	2.2
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	58	43	15	4.0	6.0	2.0
Intentional self-harm (suicide) (X60-X84, Y87.0)	174	126	48	12.0	17.6	6.5
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	44	44	0	3.0	6.2	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	130	82	48	8.9	11.5	6.5
Assault (homicide) (X85-Y09, Y87.1)	20	16	4	1.4	2.2	0.5
Assault (homicide) by discharge of firearms (X93-X95)	3	3	0	0.2	0.4	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	17	13	4	1.2	1.8	0.5
Legal intervention (Y35, Y89.0)	1	1	0	0.1	0.1	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	25	15	10	1.7	2.1	1.3
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)	25	15	10	1.7	2.1	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)	10	4	6	0.7	0.6	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

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

Table 2-15
Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 65 to 69 years^{2,3,4,5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) ^{7, 8, 9}	16,499	9,961	6,538	1,408.2	1,766.7	1,075.6
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)	40	25	15	3.4	4.4	2.5
Tuberculosis (A16-A19)	3	2	1	0.3	0.4	0.2
Respiratory tuberculosis (A16)	2	2	0	0.2	0.4	0.0
Other tuberculosis (A17-A19)	1	0	1	0.1	0.0	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)	1	1	0	0.1	0.2	0.0
Septicaemia (A40-A41)	107	58	49	9.1	10.3	8.1
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)	32	16	16	2.7	2.8	2.6
Human immunodeficiency virus [HIV] disease (B20-B24)	8	7	1	0.7	1.2	0.2
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	36	21	15	3.1	3.7	2.5
Malignant neoplasms (C00-C97)	7,580	4,299	3,281	646.9	762.5	539.8
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	139	88	51	11.9	15.6	8.4
Malignant neoplasm of oesophagus (C15)	196	152	44	16.7	27.0	7.2
Malignant neoplasm of stomach (C16)	211	155	56	18.0	27.5	9.2
Malignant neoplasms of colon, rectum and anus (C18-C21)	745	471	274	63.6	83.5	45.1
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	187	121	66	16.0	21.5	10.9
Malignant neoplasm of pancreas (C25)	462	267	195	39.4	47.4	32.1
Malignant neoplasm of larynx (C32)	70	53	17	6.0	9.4	2.8
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2,416	1,434	982	206.2	254.3	161.6
Malignant melanoma of skin (C43)	89	58	31	7.6	10.3	5.1
Malignant neoplasm of breast (C50)	470	5	465	40.1	0.9	76.5
Malignant neoplasm of cervix uteri (C53)	...	...	28	...	...	4.6
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	89	...	...	14.6
Malignant neoplasm of ovary (C56)	...	...	172	...	...	28.3
Malignant neoplasm of prostate (C61)	...	253	...	...	44.9	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	171	115	56	14.6	20.4	9.2
Malignant neoplasm of bladder (C67)	134	103	31	11.4	18.3	5.1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	194	117	77	16.6	20.8	12.7
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	658	378	280	56.2	67.0	46.1
Hodgkin's disease (C81)	12	8	4	1.0	1.4	0.7
Non-Hodgkin's lymphoma (C82-C85)	273	153	120	23.3	27.1	19.7
Leukaemia (C91-C95)	231	133	98	19.7	23.6	16.1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	140	83	57	11.9	14.7	9.4
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	2	1	1	0.2	0.2	0.2
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	896	529	367	76.5	93.8	60.4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	101	62	39	8.6	11.0	6.4
Anaemias (D50-D64)	17	10	7	1.5	1.8	1.2
Diabetes mellitus (E10-E14)	648	396	252	55.3	70.2	41.5
Nutritional deficiencies (E40-E64)	9	4	5	0.8	0.7	0.8
Malnutrition (E40-E46)	9	4	5	0.8	0.7	0.8
Other nutritional deficiencies (E50-E64)	0	0	0	0.0	0.0	0.0
Meningitis (G00, G03)	4	3	1	0.3	0.5	0.2
Parkinson's disease (G20-G21)	67	41	26	5.7	7.3	4.3
Alzheimer's disease (G30)	86	39	47	7.3	6.9	7.7
Major cardiovascular diseases (I00-I78)	4,240	2,889	1,351	361.9	512.4	222.3
Diseases of heart (I00-I09, I11, I13, I20-I51)	3,244	2,268	976	276.9	402.3	160.6
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	45	16	29	3.8	2.8	4.8
Hypertensive heart disease (I11)	37	21	16	3.2	3.7	2.6
Hypertensive heart and renal disease (I13)	3	2	1	0.3	0.4	0.2

See footnotes at the end of the table.

Table 2-15 – continued

Deaths by selected grouped causes, age group at time of death and sex, 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
Ischaemic heart diseases (I20-I25)	2,655	1,925	730	226.6	341.4	120.1
Acute myocardial infarction (I21-I22)	1,321	942	379	112.7	167.1	62.4
Other acute ischaemic heart diseases (I24)	49	32	17	4.2	5.7	2.8
Other forms of chronic ischaemic heart disease (I20, I25)	1,285	951	334	109.7	168.7	54.9
Atherosclerotic cardiovascular disease, so described (I25.0)	133	94	39	11.4	16.7	6.4
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1,152	857	295	98.3	152.0	48.5
Other heart diseases (I26-I51)	504	304	200	43.0	53.9	32.9
Acute and subacute endocarditis (I33)	3	1	2	0.3	0.2	0.3
Diseases of pericardium and acute myocarditis (I30-I31, I40)	10	8	2	0.9	1.4	0.3
Heart failure (I50)	118	69	49	10.1	12.2	8.1
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	373	226	147	31.8	40.1	24.2
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	76	38	38	6.5	6.7	6.3
Cerebrovascular diseases (I60-I69)	618	366	252	52.7	64.9	41.5
Atherosclerosis (I70)	91	69	22	7.8	12.2	3.6
Other diseases of circulatory system (I71-I78)	211	148	63	18.0	26.2	10.4
Aortic aneurysm and dissection (I71)	138	96	42	11.8	17.0	6.9
Other diseases of arteries, arterioles and capillaries (I72-I78)	73	52	21	6.2	9.2	3.5
Other disorders of circulatory system (I80-I99)	36	21	15	3.1	3.7	2.5
Influenza and pneumonia (J10-J18)	169	99	70	14.4	17.6	11.5
Influenza (J10-J11)	3	1	2	0.3	0.2	0.3
Pneumonia (J12-J18)	166	98	68	14.2	17.4	11.2
Other acute lower respiratory infections (J20-J22)	2	0	2	0.2	0.0	0.3
Acute bronchitis and bronchiolitis (J20-J21)	1	0	1	0.1	0.0	0.2
Unspecified acute lower respiratory infection (J22)	1	0	1	0.1	0.0	0.2
Chronic lower respiratory diseases (J40-J47)	687	383	304	58.6	67.9	50.0
Bronchitis, chronic and unspecified (J40-J42)	8	7	1	0.7	1.2	0.2
Emphysema (J43)	56	32	24	4.8	5.7	3.9
Asthma (J45-J46)	9	3	6	0.8	0.5	1.0
Other chronic lower respiratory diseases (J44, J47)	614	341	273	52.4	60.5	44.9
Pneumoconiosis and chemical effects (J60-J66, J68)	7	7	0	0.6	1.2	0.0
Pneumonitis due to solids and liquids (J69)	51	35	16	4.4	6.2	2.6
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	185	118	67	15.8	20.9	11.0
Peptic ulcer (K25-K28)	35	23	12	3.0	4.1	2.0
Diseases of appendix (K35-K38)	4	3	1	0.3	0.5	0.2
Hernia (K40-K46)	20	13	7	1.7	2.3	1.2
Chronic liver disease and cirrhosis (K70, K73-K74)	315	214	101	26.9	38.0	16.6
Alcoholic liver disease (K70)	161	123	38	13.7	21.8	6.3
Other chronic liver disease and cirrhosis (K73-K74)	154	91	63	13.1	16.1	10.4
Cholelithiasis and other disorders of gallbladder (K80-K82)	15	3	12	1.3	0.5	2.0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	165	97	68	14.1	17.2	11.2
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0.0	0.0	0.0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	4	2	2	0.3	0.4	0.3
Renal failure (N17-N19)	161	95	66	13.7	16.8	10.9
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	6	2	4	0.5	0.4	0.7
Hyperplasia of prostate (N40)	...	0	...	...	0.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	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)	28	13	15	2.4	2.3	2.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	140	92	48	11.9	16.3	7.9
All other diseases (residual) ¹¹	1,157	652	505	98.7	115.6	83.1
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	330	203	127	28.2	36.0	20.9
Transport accidents (V01-V99, Y85)	123	73	50	10.5	12.9	8.2
Motor vehicle accidents ¹²	113	64	49	9.6	11.4	8.1
Other land transport accidents ¹³	3	2	1	0.3	0.4	0.2
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	7	7	0	0.6	1.2	0.0

See footnotes at the end of the table.

Table 2-15 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Nontransport accidents (W00-X59, Y86)	207	130	77	17.7	23.1	12.7
Falls (W00-W19)	93	56	37	7.9	9.9	6.1
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	5	3	2	0.4	0.5	0.3
Accidental exposure to smoke, fire and flames (X00-X09)	17	8	9	1.5	1.4	1.5
Accidental poisoning and exposure to noxious substances (X40-X49)	20	14	6	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)	72	49	23	6.1	8.7	3.8
Intentional self-harm (suicide) (X60-X84, Y87.0)	121	82	39	10.3	14.5	6.4
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	29	28	1	2.5	5.0	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	92	54	38	7.9	9.6	6.3
Assault (homicide) (X85-Y09, Y87.1)	17	12	5	1.5	2.1	0.8
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)	15	11	4	1.3	2.0	0.7
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	18	10	8	1.5	1.8	1.3
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	18	10	8	1.5	1.8	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)	11	6	5	0.9	1.1	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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	23,763	14,061	9,702	2,276.2	2,879.4	1,746.1
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)	102	55	47	9.8	11.3	8.5
Tuberculosis (A16-A19)	8	3	5	0.8	0.6	0.9
Respiratory tuberculosis (A16)	7	2	5	0.7	0.4	0.9
Other tuberculosis (A17-A19)	1	1	0	0.1	0.2	0.0
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	1	0	1	0.1	0.0	0.2
Septicaemia (A40-A41)	170	88	82	16.3	18.0	14.8
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)	30	21	9	2.9	4.3	1.6
Human immunodeficiency virus [HIV] disease (B20-B24)	4	3	1	0.4	0.6	0.2
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	47	28	19	4.5	5.7	3.4
Malignant neoplasms (C00-C97)	9,871	5,708	4,163	945.5	1,168.9	749.2
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	140	94	46	13.4	19.2	8.3
Malignant neoplasm of oesophagus (C15)	229	185	44	21.9	37.9	7.9
Malignant neoplasm of stomach (C16)	302	203	99	28.9	41.6	17.8
Malignant neoplasms of colon, rectum and anus (C18-C21)	1,011	592	419	96.8	121.2	75.4
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	222	152	70	21.3	31.1	12.6
Malignant neoplasm of pancreas (C25)	533	279	254	51.1	57.1	45.7
Malignant neoplasm of larynx (C32)	85	72	13	8.1	14.7	2.3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	3,178	1,935	1,243	304.4	396.2	223.7
Malignant melanoma of skin (C43)	87	60	27	8.3	12.3	4.9
Malignant neoplasm of breast (C50)	516	7	509	49.4	1.4	91.6
Malignant neoplasm of cervix uteri (C53)	...	...	29	...	...	5.2
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	106	...	...	19.1
Malignant neoplasm of ovary (C56)	...	...	200	...	...	36.0
Malignant neoplasm of prostate (C61)	...	501	...	...	102.6	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	230	147	83	22.0	30.1	14.9
Malignant neoplasm of bladder (C67)	238	181	57	22.8	37.1	10.3
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	204	119	85	19.5	24.4	15.3
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	905	545	360	86.7	111.6	64.8
Hodgkin's disease (C81)	18	14	4	1.7	2.9	0.7
Non-Hodgkin's lymphoma (C82-C85)	377	210	167	36.1	43.0	30.1
Leukaemia (C91-C95)	297	202	95	28.4	41.4	17.1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	211	119	92	20.2	24.4	16.6
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)	1,155	636	519	110.6	130.2	93.4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	170	106	64	16.3	21.7	11.5
Anaemias (D50-D64)	31	20	11	3.0	4.1	2.0
Diabetes mellitus (E10-E14)	949	570	379	90.9	116.7	68.2
Nutritional deficiencies (E40-E64)	19	7	12	1.8	1.4	2.2
Malnutrition (E40-E46)	18	6	12	1.7	1.2	2.2
Other nutritional deficiencies (E50-E64)	1	1	0	0.1	0.2	0.0
Meningitis (G00, G03)	4	3	1	0.4	0.6	0.2
Parkinson's disease (G20-G21)	168	108	60	16.1	22.1	10.8
Alzheimer's disease (G30)	265	114	151	25.4	23.3	27.2
Major cardiovascular diseases (I00-I78)	6,820	4,300	2,520	653.3	880.5	453.5
Diseases of heart (I00-I09, I11, I13, I20-I51)	5,019	3,254	1,765	480.8	666.3	317.7
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	53	16	37	5.1	3.3	6.7
Hypertensive heart disease (I11)	41	24	17	3.9	4.9	3.1
Hypertensive heart and renal disease (I13)	7	3	4	0.7	0.6	0.7

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
Ischaemic heart diseases (I20-I25)	4,031	2,709	1,322	386.1	554.7	237.9
Acute myocardial infarction (I21-I22)	1,969	1,293	676	188.6	264.8	121.7
Other acute ischaemic heart diseases (I24)	90	64	26	8.6	13.1	4.7
Other forms of chronic ischaemic heart disease (I20, I25)	1,972	1,352	620	188.9	276.9	111.6
Atherosclerotic cardiovascular disease, so described (I25.0)	204	138	66	19.5	28.3	11.9
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	1,768	1,214	554	169.4	248.6	99.7
Other heart diseases (I26-I51)	887	502	385	85.0	102.8	69.3
Acute and subacute endocarditis (I33)	10	3	7	1.0	0.6	1.3
Diseases of pericardium and acute myocarditis (I30-I31, I40)	8	4	4	0.8	0.8	0.7
Heart failure (I50)	254	143	111	24.3	29.3	20.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	615	352	263	58.9	72.1	47.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	106	55	51	10.2	11.3	9.2
Cerebrovascular diseases (I60-I69)	1,207	670	537	115.6	137.2	96.6
Atherosclerosis (I70)	122	71	51	11.7	14.5	9.2
Other diseases of circulatory system (I71-I78)	366	250	116	35.1	51.2	20.9
Aortic aneurysm and dissection (I71)	283	201	82	27.1	41.2	14.8
Other diseases of arteries, arterioles and capillaries (I72-I78)	83	49	34	8.0	10.0	6.1
Other disorders of circulatory system (I80-I99)	38	21	17	3.6	4.3	3.1
Influenza and pneumonia (J10-J18)	326	188	138	31.2	38.5	24.8
Influenza (J10-J11)	20	9	11	1.9	1.8	2.0
Pneumonia (J12-J18)	306	179	127	29.3	36.7	22.9
Other acute lower respiratory infections (J20-J22)	6	4	2	0.6	0.8	0.4
Acute bronchitis and bronchiolitis (J20-J21)	2	1	1	0.2	0.2	0.2
Unspecified acute lower respiratory infection (J22)	4	3	1	0.4	0.6	0.2
Chronic lower respiratory diseases (J40-J47)	1,256	729	527	120.3	149.3	94.8
Bronchitis, chronic and unspecified (J40-J42)	7	6	1	0.7	1.2	0.2
Emphysema (J43)	109	65	44	10.4	13.3	7.9
Asthma (J45-J46)	30	11	19	2.9	2.3	3.4
Other chronic lower respiratory diseases (J44, J47)	1,110	647	463	106.3	132.5	83.3
Pneumoconioses and chemical effects (J60-J66, J68)	11	10	1	1.1	2.0	0.2
Pneumonitis due to solids and liquids (J69)	95	67	28	9.1	13.7	5.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	310	177	133	29.7	36.2	23.9
Peptic ulcer (K25-K28)	56	35	21	5.4	7.2	3.8
Diseases of appendix (K35-K38)	4	2	2	0.4	0.4	0.4
Hernia (K40-K46)	20	10	10	1.9	2.0	1.8
Chronic liver disease and cirrhosis (K70, K73-K74)	250	164	86	23.9	33.6	15.5
Alcoholic liver disease (K70)	107	84	23	10.2	17.2	4.1
Other chronic liver disease and cirrhosis (K73-K74)	143	80	63	13.7	16.4	11.3
Cholelithiasis and other disorders of gallbladder (K80-K82)	31	19	12	3.0	3.9	2.2
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	289	180	109	27.7	36.9	19.6
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)	6	5	1	0.6	1.0	0.2
Renal failure (N17-N19)	282	174	108	27.0	35.6	19.4
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	4	3	1	0.4	0.6	0.2
Hyperplasia of prostate (N40)	...	6	...	...	1.2	...
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)	14	6	8	1.3	1.2	1.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	135	74	61	12.9	15.2	11.0
All other diseases (residual) ¹¹	1,656	847	809	158.6	173.4	145.6
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	444	280	164	42.5	57.3	29.5
Transport accidents (V01-V99, Y85)	135	91	44	12.9	18.6	7.9
Motor vehicle accidents ¹²	121	78	43	11.6	16.0	7.7
Other land transport accidents ¹³	4	3	1	0.4	0.6	0.2
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	10	10	0	1.0	2.0	0.0

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
Nontransport accidents (W00-X59, Y86)	309	189	120	29.6	38.7	21.6
Falls (W00-W19)	151	94	57	14.5	19.2	10.3
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	11	10	1	1.1	2.0	0.2
Accidental exposure to smoke, fire and flames (X00-X09)	11	7	4	1.1	1.4	0.7
Accidental poisoning and exposure to noxious substances (X40-X49)	24	14	10	2.3	2.9	1.8
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	112	64	48	10.7	13.1	8.6
Intentional self-harm (suicide) (X60-X84, Y87.0)	108	83	25	10.3	17.0	4.5
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	25	25	0	2.4	5.1	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	83	58	25	8.0	11.9	4.5
Assault (homicide) (X85-Y09, Y87.1)	7	2	5	0.7	0.4	0.9
Assault (homicide) by discharge of firearms (X93-X95)	1	1	0	0.1	0.2	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	6	1	5	0.6	0.2	0.9
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	15	8	7	1.4	1.6	1.3
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0.0	0.0	0.0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	15	8	7	1.4	1.6	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)	23	12	11	2.2	2.5	2.0

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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	31,831	17,561	14,270	3,740.3	4,769.0	2,955.7
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)	178	88	90	20.9	23.9	18.6
Tuberculosis (A16-A19)	7	4	3	0.8	1.1	0.6
Respiratory tuberculosis (A16)	7	4	3	0.8	1.1	0.6
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)	238	115	123	28.0	31.2	25.5
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)	49	19	30	5.8	5.2	6.2
Human immunodeficiency virus [HIV] disease (B20-B24)	2	1	1	0.2	0.3	0.2
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	51	26	25	6.0	7.1	5.2
Malignant neoplasms (C00-C97)	10,961	6,122	4,839	1,288.0	1,662.5	1,002.3
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	147	89	58	17.3	24.2	12.0
Malignant neoplasm of oesophagus (C15)	254	187	67	29.8	50.8	13.9
Malignant neoplasm of stomach (C16)	291	180	111	34.2	48.9	23.0
Malignant neoplasms of colon, rectum and anus (C18-C21)	1,244	684	560	146.2	185.8	116.0
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	248	147	101	29.1	39.9	20.9
Malignant neoplasm of pancreas (C25)	609	291	318	71.6	79.0	65.9
Malignant neoplasm of larynx (C32)	68	53	15	8.0	14.4	3.1
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	3,176	1,915	1,261	373.2	520.1	261.2
Malignant melanoma of skin (C43)	91	67	24	10.7	18.2	5.0
Malignant neoplasm of breast (C50)	579	4	575	68.0	1.1	119.1
Malignant neoplasm of cervix uteri (C53)	...	...	38	...	...	7.9
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	95	...	...	19.7
Malignant neoplasm of ovary (C56)	...	...	250	...	...	51.8
Malignant neoplasm of prostate (C61)	...	724	...	...	196.6	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	233	148	85	27.4	40.2	17.6
Malignant neoplasm of bladder (C67)	282	200	82	33.1	54.3	17.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	159	78	81	18.7	21.2	16.8
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	1,076	616	460	126.4	167.3	95.3
Hodgkin's disease (C81)	12	7	5	1.4	1.9	1.0
Non-Hodgkin's lymphoma (C82-C85)	455	242	213	53.5	65.7	44.1
Leukaemia (C91-C95)	373	237	136	43.8	64.4	28.2
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	235	129	106	27.6	35.0	22.0
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	1	0	0.1	0.3	0.0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	1,397	739	658	164.2	200.7	136.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	240	139	101	28.2	37.7	20.9
Anaemias (D50-D64)	50	27	23	5.9	7.3	4.8
Diabetes mellitus (E10-E14)	1,319	692	627	155.0	187.9	129.9
Nutritional deficiencies (E40-E64)	26	13	13	3.1	3.5	2.7
Malnutrition (E40-E46)	25	13	12	2.9	3.5	2.5
Other nutritional deficiencies (E50-E64)	1	0	1	0.1	0.0	0.2
Meningitis (G00, G03)	3	1	2	0.4	0.3	0.4
Parkinson's disease (G20-G21)	339	221	118	39.8	60.0	24.4
Alzheimer's disease (G30)	679	271	408	79.8	73.6	84.5
Major cardiovascular diseases (I00-I78)	10,083	5,736	4,347	1,184.8	1,557.7	900.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	7,113	4,170	2,943	835.8	1,132.4	609.6
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	68	27	41	8.0	7.3	8.5
Hypertensive heart disease (I11)	64	30	34	7.5	8.1	7.0
Hypertensive heart and renal disease (I13)	12	4	8	1.4	1.1	1.7

See footnotes at the end of the table.

Table 2-17 – continued

Deaths by selected grouped causes, age group at time of death and sex, 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
Ischaemic heart diseases (I20-I25)	5,626	3,394	2,232	661.1	921.7	462.3
Acute myocardial infarction (I21-I22)	2,635	1,590	1,045	309.6	431.8	216.4
Other acute ischaemic heart diseases (I24)	98	55	43	11.5	14.9	8.9
Other forms of chronic ischaemic heart disease (I20, I25)	2,893	1,749	1,144	339.9	475.0	237.0
Atherosclerotic cardiovascular disease, so described (I25.0)	211	127	84	24.8	34.5	17.4
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	2,682	1,622	1,060	315.1	440.5	219.6
Other heart diseases (I26-I51)	1,343	715	628	157.8	194.2	130.1
Acute and subacute endocarditis (I33)	4	1	3	0.5	0.3	0.6
Diseases of pericardium and acute myocarditis (I30-I31, I40)	9	5	4	1.1	1.4	0.8
Heart failure (I50)	449	248	201	52.8	67.3	41.6
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	881	461	420	103.5	125.2	87.0
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	173	89	84	20.3	24.2	17.4
Cerebrovascular diseases (I60-I69)	2,119	1,069	1,050	249.0	290.3	217.5
Atherosclerosis (I70)	183	109	74	21.5	29.6	15.3
Other diseases of circulatory system (I71-I78)	495	299	196	58.2	81.2	40.6
Aortic aneurysm and dissection (I71)	347	213	134	40.8	57.8	27.8
Other diseases of arteries, arterioles and capillaries (I72-I78)	148	86	62	17.4	23.4	12.8
Other disorders of circulatory system (I80-I99)	47	19	28	5.5	5.2	5.8
Influenza and pneumonia (J10-J18)	584	328	256	68.6	89.1	53.0
Influenza (J10-J11)	34	16	18	4.0	4.3	3.7
Pneumonia (J12-J18)	550	312	238	64.6	84.7	49.3
Other acute lower respiratory infections (J20-J22)	10	9	1	1.2	2.4	0.2
Acute bronchitis and bronchiolitis (J20-J21)	8	7	1	0.9	1.9	0.2
Unspecified acute lower respiratory infection (J22)	2	2	0	0.2	0.5	0.0
Chronic lower respiratory diseases (J40-J47)	1,962	1,099	863	230.5	298.5	178.8
Bronchitis, chronic and unspecified (J40-J42)	31	19	12	3.6	5.2	2.5
Emphysema (J43)	134	71	63	15.7	19.3	13.0
Asthma (J45-J46)	32	14	18	3.8	3.8	3.7
Other chronic lower respiratory diseases (J44, J47)	1,765	995	770	207.4	270.2	159.5
Pneumoconioses and chemical effects (J60-J66, J68)	24	23	1	2.8	6.2	0.2
Pneumonitis due to solids and liquids (J69)	152	99	53	17.9	26.9	11.0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	420	235	185	49.4	63.8	38.3
Peptic ulcer (K25-K28)	75	38	37	8.8	10.3	7.7
Diseases of appendix (K35-K38)	16	8	8	1.9	2.2	1.7
Hernia (K40-K46)	35	15	20	4.1	4.1	4.1
Chronic liver disease and cirrhosis (K70, K73-K74)	274	170	104	32.2	46.2	21.5
Alcoholic liver disease (K70)	85	68	17	10.0	18.5	3.5
Other chronic liver disease and cirrhosis (K73-K74)	189	102	87	22.2	27.7	18.0
Cholelithiasis and other disorders of gallbladder (K80-K82)	53	31	22	6.2	8.4	4.6
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	541	301	240	63.6	81.7	49.7
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)	9	2	7	1.1	0.5	1.4
Renal failure (N17-N19)	530	298	232	62.3	80.9	48.1
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	10	4	6	1.2	1.1	1.2
Hyperplasia of prostate (N40)	...	11	...	...	3.0	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	1	...	...	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)	13	6	7	1.5	1.6	1.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	172	94	78	20.2	25.5	16.2
All other diseases (residual) ¹¹	2,477	1,177	1,300	291.1	319.6	269.3
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	599	326	273	70.4	88.5	56.5
Transport accidents (V01-V99, Y85)	134	77	57	15.7	20.9	11.8
Motor vehicle accidents ¹²	124	69	55	14.6	18.7	11.4
Other land transport accidents ¹³	2	2	0	0.2	0.5	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	8	6	2	0.9	1.6	0.4

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
Nontransport accidents (W00-X59, Y86)	465	249	216	54.6	67.6	44.7
Falls (W00-W19)	232	129	103	27.3	35.0	21.3
Accidental discharge of firearms (W32-W34)	2	2	0	0.2	0.5	0.0
Accidental drowning and submersion (W65-W74)	11	8	3	1.3	2.2	0.6
Accidental exposure to smoke, fire and flames (X00-X09)	15	7	8	1.8	1.9	1.7
Accidental poisoning and exposure to noxious substances (X40-X49)	17	12	5	2.0	3.3	1.0
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	188	91	97	22.1	24.7	20.1
Intentional self-harm (suicide) (X60-X84, Y87.0)	88	71	17	10.3	19.3	3.5
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	25	24	1	2.9	6.5	0.2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	63	47	16	7.4	12.8	3.3
Assault (homicide) (X85-Y09, Y87.1)	8	4	4	0.9	1.1	0.8
Assault (homicide) by discharge of firearms (X93-X95)	1	1	0	0.1	0.3	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	7	3	4	0.8	0.8	0.8
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	6	4	2	0.7	1.1	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)	6	4	2	0.7	1.1	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)	28	14	14	3.3	3.8	2.9

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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

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

Table 2-18
Deaths by selected grouped causes, age group at time of death and sex, Canada¹ — 80 to 84 years^{2,3,4,5}

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Total, all causes of death (A00-Y89) 7, 8, 9	37,974	18,453	19,521	6,231.9	7,907.0	5,192.1
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)	225	102	123	36.9	43.7	32.7
Tuberculosis (A16-A19)	19	10	9	3.1	4.3	2.4
Respiratory tuberculosis (A16)	16	9	7	2.6	3.9	1.9
Other tuberculosis (A17-A19)	3	1	2	0.5	0.4	0.5
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	0	0	0	0.0	0.0	0.0
Septicaemia (A40-A41)	277	129	148	45.5	55.3	39.4
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)	27	17	10	4.4	7.3	2.7
Human immunodeficiency virus [HIV] disease (B20-B24)	1	1	0	0.2	0.4	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	76	29	47	12.5	12.4	12.5
Malignant neoplasms (C00-C97)	9,930	5,118	4,812	1,629.6	2,193.0	1,279.9
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	124	68	56	20.3	29.1	14.9
Malignant neoplasm of oesophagus (C15)	191	109	82	31.3	46.7	21.8
Malignant neoplasm of stomach (C16)	301	165	136	49.4	70.7	36.2
Malignant neoplasms of colon, rectum and anus (C18-C21)	1,205	614	591	197.8	263.1	157.2
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	210	121	89	34.5	51.8	23.7
Malignant neoplasm of pancreas (C25)	511	190	321	83.9	81.4	85.4
Malignant neoplasm of larynx (C32)	43	33	10	7.1	14.1	2.7
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	2,284	1,328	956	374.8	569.0	254.3
Malignant melanoma of skin (C43)	108	65	43	17.7	27.9	11.4
Malignant neoplasm of breast (C50)	626	3	623	102.7	1.3	165.7
Malignant neoplasm of cervix uteri (C53)	...	...	33	...	...	8.8
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	124	...	...	33.0
Malignant neoplasm of ovary (C56)	...	...	211	...	...	56.1
Malignant neoplasm of prostate (C61)	...	881	...	...	377.5	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	192	108	84	31.5	46.3	22.3
Malignant neoplasm of bladder (C67)	334	225	109	54.8	96.4	29.0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	136	58	78	22.3	24.9	20.7
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	1,014	487	527	166.4	208.7	140.2
Hodgkin's disease (C81)	13	5	8	2.1	2.1	2.1
Non-Hodgkin's lymphoma (C82-C85)	385	168	217	63.2	72.0	57.7
Leukaemia (C91-C95)	384	205	179	63.0	87.8	47.6
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	228	106	122	37.4	45.4	32.4
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	4	3	1	0.7	1.3	0.3
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	1,402	663	739	230.1	284.1	196.6
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	261	132	129	42.8	56.6	34.3
Anaemias (D50-D64)	73	25	48	12.0	10.7	12.8
Diabetes mellitus (E10-E14)	1,514	707	807	248.5	302.9	214.6
Nutritional deficiencies (E40-E64)	56	21	35	9.2	9.0	9.3
Malnutrition (E40-E46)	47	18	29	7.7	7.7	7.7
Other nutritional deficiencies (E50-E64)	9	3	6	1.5	1.3	1.6
Meningitis (G00, G03)	3	2	1	0.5	0.9	0.3
Parkinson's disease (G20-G21)	467	253	214	76.6	108.4	56.9
Alzheimer's disease (G30)	1,245	411	834	204.3	176.1	221.8
Major cardiovascular diseases (I00-I78)	13,904	6,745	7,159	2,281.8	2,890.2	1,904.1
Diseases of heart (I00-I09, I11, I13, I20-I51)	9,703	4,865	4,838	1,592.3	2,084.6	1,286.8
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	73	23	50	12.0	9.9	13.3
Hypertensive heart disease (I11)	100	38	62	16.4	16.3	16.5
Hypertensive heart and renal disease (I13)	19	12	7	3.1	5.1	1.9

See footnotes at the end of the table.

Table 2-18 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Ischaemic heart diseases (I20-I25)	7,390	3,821	3,569	1,212.8	1,637.3	949.3
Acute myocardial infarction (I21-I22)	3,422	1,767	1,655	561.6	757.2	440.2
Other acute ischaemic heart diseases (I24)	118	55	63	19.4	23.6	16.8
Other forms of chronic ischaemic heart disease (I20, I25)	3,850	1,999	1,851	631.8	856.6	492.3
Atherosclerotic cardiovascular disease, so described (I25.0)	254	119	135	41.7	51.0	35.9
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,596	1,880	1,716	590.1	805.6	456.4
Other heart diseases (I26-I51)	2,121	971	1,150	348.1	416.1	305.9
Acute and subacute endocarditis (I33)	11	5	6	1.8	2.1	1.6
Diseases of pericardium and acute myocarditis (I30-I31, I40)	17	5	12	2.8	2.1	3.2
Heart failure (I50)	836	395	441	137.2	169.3	117.3
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,257	566	691	206.3	242.5	183.8
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	250	88	162	41.0	37.7	43.1
Cerebrovascular diseases (I60-I69)	3,103	1,331	1,772	509.2	570.3	471.3
Atherosclerosis (I70)	232	109	123	38.1	46.7	32.7
Other diseases of circulatory system (I71-I78)	616	352	264	101.1	150.8	70.2
Aortic aneurysm and dissection (I71)	393	232	161	64.5	99.4	42.8
Other diseases of arteries, arterioles and capillaries (I72-I78)	223	120	103	36.6	51.4	27.4
Other disorders of circulatory system (I80-I99)	55	28	27	9.0	12.0	7.2
Influenza and pneumonia (J10-J18)	1,006	502	504	165.1	215.1	134.1
Influenza (J10-J11)	42	19	23	6.9	8.1	6.1
Pneumonia (J12-J18)	964	483	481	158.2	207.0	127.9
Other acute lower respiratory infections (J20-J22)	19	9	10	3.1	3.9	2.7
Acute bronchitis and bronchiolitis (J20-J21)	10	3	7	1.6	1.3	1.9
Unspecified acute lower respiratory infection (J22)	9	6	3	1.5	2.6	0.8
Chronic lower respiratory diseases (J40-J47)	2,272	1,212	1,060	372.9	519.3	281.9
Bronchitis, chronic and unspecified (J40-J42)	22	9	13	3.6	3.9	3.5
Emphysema (J43)	142	86	56	23.3	36.9	14.9
Asthma (J45-J46)	54	23	31	8.9	9.9	8.2
Other chronic lower respiratory diseases (J44, J47)	2,054	1,094	960	337.1	468.8	255.3
Pneumoconioses and chemical effects (J60-J66, J68)	16	14	2	2.6	6.0	0.5
Pneumonitis due to solids and liquids (J69)	223	126	97	36.6	54.0	25.8
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	516	294	222	84.7	126.0	59.0
Peptic ulcer (K25-K28)	65	29	36	10.7	12.4	9.6
Diseases of appendix (K35-K38)	16	7	9	2.6	3.0	2.4
Hernia (K40-K46)	54	27	27	8.9	11.6	7.2
Chronic liver disease and cirrhosis (K70, K73-K74)	192	100	92	31.5	42.8	24.5
Alcoholic liver disease (K70)	32	22	10	5.3	9.4	2.7
Other chronic liver disease and cirrhosis (K73-K74)	160	78	82	26.3	33.4	21.8
Cholelithiasis and other disorders of gallbladder (K80-K82)	71	35	36	11.7	15.0	9.6
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	730	369	361	119.8	158.1	96.0
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	3	2	1	0.5	0.9	0.3
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	2	1	1	0.3	0.4	0.3
Renal failure (N17-N19)	725	366	359	119.0	156.8	95.5
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	28	6	22	4.6	2.6	5.9
Hyperplasia of prostate (N40)	...	17	...	...	7.3	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	4	...	...	1.1
Pregnancy, childbirth and the puerperium (O00-O99)	...	...	0	...	...	0.0
Pregnancy with abortive outcome (O00-O07)	...	...	0	...	...	0.0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	...	...	0	...	...	0.0
Certain conditions originating in the perinatal period (P00-P96)	0	0	0	0.0	0.0	0.0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	22	7	15	3.6	3.0	4.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	216	95	121	35.4	40.7	32.2
All other diseases (residual) ¹¹	3,356	1,386	1,970	550.7	593.9	524.0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	900	416	484	147.7	178.3	128.7
Transport accidents (V01-V99, Y85)	110	57	53	18.1	24.4	14.1
Motor vehicle accidents ¹²	104	51	53	17.1	21.9	14.1
Other land transport accidents ¹³	2	2	0	0.3	0.9	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	4	4	0	0.7	1.7	0.0

See footnotes at the end of the table.

Table 2-18 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Nontransport accidents (W00-X59, Y86)	790	359	431	129.6	153.8	114.6
Falls (W00-W19)	420	195	225	68.9	83.6	59.8
Accidental discharge of firearms (W32-W34)	1	1	0	0.2	0.4	0.0
Accidental drowning and submersion (W65-W74)	8	5	3	1.3	2.1	0.8
Accidental exposure to smoke, fire and flames (X00-X09)	10	3	7	1.6	1.3	1.9
Accidental poisoning and exposure to noxious substances (X40-X49)	16	7	9	2.6	3.0	2.4
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	335	148	187	55.0	63.4	49.7
Intentional self-harm (suicide) (X60-X84, Y87.0)	63	48	15	10.3	20.6	4.0
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	13	13	0	2.1	5.6	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	50	35	15	8.2	15.0	4.0
Assault (homicide) (X85-Y09, Y87.1)	9	3	6	1.5	1.3	1.6
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	3	6	1.5	1.3	1.6
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	9	5	2.3	3.9	1.3
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	2.3	3.9	1.3
Operations of war and their sequelae (Y36, Y89.1)	1	1	0	0.2	0.4	0.0
Complications of medical and surgical care (Y40-Y84, Y88)	30	11	19	4.9	4.7	5.1

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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	32,997	13,394	19,603	10,774.4	13,289.0	9,540.9
Salmonella infections (A01-A02)	1	1	0	0.3	1.0	0.0
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	233	73	160	76.1	72.4	77.9
Tuberculosis (A16-A19)	12	7	5	3.9	6.9	2.4
Respiratory tuberculosis (A16)	11	7	4	3.6	6.9	1.9
Other tuberculosis (A17-A19)	1	0	1	0.3	0.0	0.5
Whooping cough (A37)	0	0	0	0.0	0.0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0.0	0.0	0.0
Meningococcal infection (A39)	1	0	1	0.3	0.0	0.5
Septicaemia (A40-A41)	289	115	174	94.4	114.1	84.7
Syphilis (A50-A53)	0	0	0	0.0	0.0	0.0
Acute poliomyelitis (A80)	0	0	0	0.0	0.0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0.0	0.0	0.0
Measles (B05)	0	0	0	0.0	0.0	0.0
Viral hepatitis (B15-B19)	6	3	3	2.0	3.0	1.5
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	55	24	31	18.0	23.8	15.1
Malignant neoplasms (C00-C97)	5,964	2,841	3,123	1,947.4	2,818.7	1,520.0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	71	37	34	23.2	36.7	16.5
Malignant neoplasm of oesophagus (C15)	102	55	47	33.3	54.6	22.9
Malignant neoplasm of stomach (C16)	194	94	100	63.3	93.3	48.7
Malignant neoplasms of colon, rectum and anus (C18-C21)	790	327	463	258.0	324.4	225.3
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	103	52	51	33.6	51.6	24.8
Malignant neoplasm of pancreas (C25)	333	102	231	108.7	101.2	112.4
Malignant neoplasm of larynx (C32)	24	22	2	7.8	21.8	1.0
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	1,021	586	435	333.4	581.4	211.7
Malignant melanoma of skin (C43)	51	23	28	16.7	22.8	13.6
Malignant neoplasm of breast (C50)	437	2	435	142.7	2.0	211.7
Malignant neoplasm of cervix uteri (C53)	...	...	24	...	...	11.7
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	76	...	...	37.0
Malignant neoplasm of ovary (C56)	...	...	131	...	...	63.8
Malignant neoplasm of prostate (C61)	...	660	...	...	654.8	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	118	64	54	38.5	63.5	26.3
Malignant neoplasm of bladder (C67)	223	137	86	72.8	135.9	41.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	50	21	29	16.3	20.8	14.1
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	594	271	323	194.0	268.9	157.2
Hodgkin's disease (C81)	7	1	6	2.3	1.0	2.9
Non-Hodgkin's lymphoma (C82-C85)	230	99	131	75.1	98.2	63.8
Leukaemia (C91-C95)	240	114	126	78.4	113.1	61.3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	117	57	60	38.2	56.6	29.2
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)	962	388	574	314.1	385.0	279.4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	192	81	111	62.7	80.4	54.0
Anaemias (D50-D64)	93	22	71	30.4	21.8	34.6
Diabetes mellitus (E10-E14)	1,181	481	700	385.6	477.2	340.7
Nutritional deficiencies (E40-E64)	43	15	28	14.0	14.9	13.6
Malnutrition (E40-E46)	36	11	25	11.8	10.9	12.2
Other nutritional deficiencies (E50-E64)	7	4	3	2.3	4.0	1.5
Meningitis (G00, G03)	1	0	1	0.3	0.0	0.5
Parkinson's disease (G20-G21)	367	191	176	119.8	189.5	85.7
Alzheimer's disease (G30)	1,558	452	1,106	508.7	448.5	538.3
Major cardiovascular diseases (I00-I78)	13,427	5,183	8,244	4,384.3	5,142.4	4,012.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	9,287	3,789	5,498	3,032.5	3,759.3	2,675.9
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	70	21	49	22.9	20.8	23.8
Hypertensive heart disease (I11)	129	39	90	42.1	38.7	43.8
Hypertensive heart and renal disease (I13)	22	10	12	7.2	9.9	5.8

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
Ischaemic heart diseases (I20-I25)	6,779	2,920	3,859	2,213.5	2,897.1	1,878.2
Acute myocardial infarction (I21-I22)	3,027	1,335	1,692	988.4	1,324.5	823.5
Other acute ischaemic heart diseases (I24)	105	46	59	34.3	45.6	28.7
Other forms of chronic ischaemic heart disease (I20, I25)	3,647	1,539	2,108	1,190.8	1,526.9	1,026.0
Atherosclerotic cardiovascular disease, so described (I25.0)	193	90	103	63.0	89.3	50.1
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,454	1,449	2,005	1,127.8	1,437.6	975.8
Other heart diseases (I26-I51)	2,287	799	1,488	746.8	792.7	724.2
Acute and subacute endocarditis (I33)	7	2	5	2.3	2.0	2.4
Diseases of pericardium and acute myocarditis (I30-I31, I40)	4	3	1	1.3	3.0	0.5
Heart failure (I50)	1,082	406	676	353.3	402.8	329.0
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,194	388	806	389.9	385.0	392.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	307	84	223	100.2	83.3	108.5
Cerebrovascular diseases (I60-I69)	3,063	1,003	2,060	1,000.2	995.1	1,002.6
Atherosclerosis (I70)	278	93	185	90.8	92.3	90.0
Other diseases of circulatory system (I71-I78)	492	214	278	160.7	212.3	135.3
Aortic aneurysm and dissection (I71)	296	135	161	96.7	133.9	78.4
Other diseases of arteries, arterioles and capillaries (I72-I78)	196	79	117	64.0	78.4	56.9
Other disorders of circulatory system (I80-I99)	52	24	28	17.0	23.8	13.6
Influenza and pneumonia (J10-J18)	1,305	548	757	426.1	543.7	368.4
Influenza (J10-J11)	84	31	53	27.4	30.8	25.8
Pneumonia (J12-J18)	1,221	517	704	398.7	512.9	342.6
Other acute lower respiratory infections (J20-J22)	16	3	13	5.2	3.0	6.3
Acute bronchitis and bronchiolitis (J20-J21)	8	1	7	2.6	1.0	3.4
Unspecified acute lower respiratory infection (J22)	8	2	6	2.6	2.0	2.9
Chronic lower respiratory diseases (J40-J47)	1,739	906	833	567.8	898.9	405.4
Bronchitis, chronic and unspecified (J40-J42)	30	13	17	9.8	12.9	8.3
Emphysema (J43)	73	44	29	23.8	43.7	14.1
Asthma (J45-J46)	33	9	24	10.8	8.9	11.7
Other chronic lower respiratory diseases (J44, J47)	1,603	840	763	523.4	833.4	371.4
Pneumoconiosis and chemical effects (J60-J66, J68)	8	8	0	2.6	7.9	0.0
Pneumonitis due to solids and liquids (J69)	259	129	130	84.6	128.0	63.3
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	357	154	203	116.6	152.8	98.8
Peptic ulcer (K25-K28)	58	30	28	18.9	29.8	13.6
Diseases of appendix (K35-K38)	3	3	0	1.0	3.0	0.0
Hernia (K40-K46)	44	16	28	14.4	15.9	13.6
Chronic liver disease and cirrhosis (K70, K73-K74)	70	31	39	22.9	30.8	19.0
Alcoholic liver disease (K70)	7	4	3	2.3	4.0	1.5
Other chronic liver disease and cirrhosis (K73-K74)	63	27	36	20.6	26.8	17.5
Cholelithiasis and other disorders of gallbladder (K80-K82)	63	25	38	20.6	24.8	18.5
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	766	379	387	250.1	376.0	188.4
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	4	1	3	1.3	1.0	1.5
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	11	4	7	3.6	4.0	3.4
Renal failure (N17-N19)	751	374	377	245.2	371.1	183.5
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	31	12	19	10.1	11.9	9.2
Hyperplasia of prostate (N40)	...	18	...	...	17.9	...
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)	16	4	12	5.2	4.0	5.8
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	227	76	151	74.1	75.4	73.5
All other diseases (residual) ¹¹	3,551	1,137	2,414	1,159.5	1,128.1	1,174.9
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	926	358	568	302.4	355.2	276.4
Transport accidents (V01-V99, Y85)	58	39	19	18.9	38.7	9.2
Motor vehicle accidents ¹²	56	38	18	18.3	37.7	8.8
Other land transport accidents ¹³	1	0	1	0.3	0.0	0.5
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	1	1	0	0.3	1.0	0.0

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
Nontransport accidents (W00-X59, Y86)	868	319	549	283.4	316.5	267.2
Falls (W00-W19)	470	174	296	153.5	172.6	144.1
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	6	4	2	2.0	4.0	1.0
Accidental exposure to smoke, fire and flames (X00-X09)	9	5	4	2.9	5.0	1.9
Accidental poisoning and exposure to noxious substances (X40-X49)	9	6	3	2.9	6.0	1.5
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	374	130	244	122.1	129.0	118.8
Intentional self-harm (suicide) (X60-X84, Y87.0)	36	27	9	11.8	26.8	4.4
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	7	7	0	2.3	6.9	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	29	20	9	9.5	19.8	4.4
Assault (homicide) (X85-Y09, Y87.1)	4	2	2	1.3	2.0	1.0
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)	4	2	2	1.3	2.0	1.0
Legal intervention (Y35, Y89.0)	0	0	0	0.0	0.0	0.0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	5	2	3	1.6	2.0	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)	5	2	3	1.6	2.0	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)	20	13	7	6.5	12.9	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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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}	32,830	9,615	23,215	20,494.9	23,058.1	19,592.9
Salmonella infections (A01-A02)	1	0	1	0.6	0.0	0.8
Shigellosis and amoebiasis (A03, A06)	0	0	0	0.0	0.0	0.0
Certain other intestinal infections (A04, A07-A09)	191	56	135	119.2	134.3	113.9
Tuberculosis (A16-A19)	3	0	3	1.9	0.0	2.5
Respiratory tuberculosis (A16)	3	0	3	1.9	0.0	2.5
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)	260	79	181	162.3	189.5	152.8
Syphilis (A50-A53)	1	0	1	0.6	0.0	0.8
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	1.9	4.8	0.8
Human immunodeficiency virus [HIV] disease (B20-B24)	1	1	0	0.6	2.4	0.0
Malaria (B50-B54)	0	0	0	0.0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae ¹⁰	58	16	42	36.2	38.4	35.4
Malignant neoplasms (C00-C97)	3,612	1,417	2,195	2,254.9	3,398.2	1,852.5
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	36	14	22	22.5	33.6	18.6
Malignant neoplasm of oesophagus (C15)	41	16	25	25.6	38.4	21.1
Malignant neoplasm of stomach (C16)	122	49	73	76.2	117.5	61.6
Malignant neoplasms of colon, rectum and anus (C18-C21)	568	181	387	354.6	434.1	326.6
Malignant neoplasm of liver and intrahepatic bile ducts (C22)	52	28	24	32.5	67.1	20.3
Malignant neoplasm of pancreas (C25)	191	46	145	119.2	110.3	122.4
Malignant neoplasm of larynx (C32)	17	10	7	10.6	24.0	5.9
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	445	195	250	277.8	467.6	211.0
Malignant melanoma of skin (C43)	20	9	11	12.5	21.6	9.3
Malignant neoplasm of breast (C50)	355	2	353	221.6	4.8	297.9
Malignant neoplasm of cervix uteri (C53)	...	...	6	...	...	5.1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	...	...	57	...	...	48.1
Malignant neoplasm of ovary (C56)	...	...	66	...	...	55.7
Malignant neoplasm of prostate (C61)	...	403	...	...	966.5	...
Malignant neoplasms of kidney and renal pelvis (C64-C65)	81	34	47	50.6	81.5	39.7
Malignant neoplasm of bladder (C67)	175	104	71	109.2	249.4	59.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	18	4	14	11.2	9.6	11.8
Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	312	115	197	194.8	275.8	166.3
Hodgkin's disease (C81)	5	1	4	3.1	2.4	3.4
Non-Hodgkin's lymphoma (C82-C85)	120	38	82	74.9	91.1	69.2
Leukaemia (C91-C95)	129	59	70	80.5	141.5	59.1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	57	17	40	35.6	40.8	33.8
Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue (C96)	1	0	1	0.6	0.0	0.8
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)	647	207	440	403.9	496.4	371.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behaviour (D00-D48)	177	53	124	110.5	127.1	104.7
Anaemias (D50-D64)	110	21	89	68.7	50.4	75.1
Diabetes mellitus (E10-E14)	890	298	592	555.6	714.6	499.6
Nutritional deficiencies (E40-E64)	74	26	48	46.2	62.4	40.5
Malnutrition (E40-E46)	62	23	39	38.7	55.2	32.9
Other nutritional deficiencies (E50-E64)	12	3	9	7.5	7.2	7.6
Meningitis (G00, G03)	3	1	2	1.9	2.4	1.7
Parkinson's disease (G20-G21)	221	85	136	138.0	203.8	114.8
Alzheimer's disease (G30)	1,651	284	1,367	1,030.7	681.1	1,153.7
Major cardiovascular diseases (I00-I78)	14,361	3,962	10,399	8,965.2	9,501.4	8,776.5
Diseases of heart (I00-I09, I11, I13, I20-I51)	9,944	2,827	7,117	6,207.8	6,779.5	6,006.6
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	34	5	29	21.2	12.0	24.5
Hypertensive heart disease (I11)	189	29	160	118.0	69.5	135.0
Hypertensive heart and renal disease (I13)	38	9	29	23.7	21.6	24.5

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
Ischaemic heart diseases (I20-I25)	6,906	2,070	4,836	4,311.2	4,964.1	4,081.5
Acute myocardial infarction (I21-I22)	2,663	849	1,814	1,662.4	2,036.0	1,531.0
Other acute ischaemic heart diseases (I24)	110	23	87	68.7	55.2	73.4
Other forms of chronic ischaemic heart disease (I20, I25)	4,133	1,198	2,935	2,580.1	2,873.0	2,477.1
Atherosclerotic cardiovascular disease, so described (I25.0)	181	57	124	113.0	136.7	104.7
All other forms of chronic ischaemic heart disease (I20, I25.1-I25.9)	3,952	1,141	2,811	2,467.1	2,736.3	2,372.4
Other heart diseases (I26-I51)	2,777	714	2,063	1,733.6	1,712.3	1,741.1
Acute and subacute endocarditis (I33)	3	3	0	1.9	7.2	0.0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	6	3	3	3.7	7.2	2.5
Heart failure (I50)	1,517	392	1,125	947.0	940.1	949.5
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1,251	316	935	781.0	757.8	789.1
Essential (primary) hypertension and hypertensive renal disease (I10, I12)	364	80	284	227.2	191.9	239.7
Cerebrovascular diseases (I60-I69)	3,257	805	2,452	2,033.3	1,930.5	2,069.4
Atherosclerosis (I70)	418	121	297	260.9	290.2	250.7
Other diseases of circulatory system (I71-I78)	378	129	249	236.0	309.4	210.1
Aortic aneurysm and dissection (I71)	162	62	100	101.1	148.7	84.4
Other diseases of arteries, arterioles and capillaries (I72-I78)	216	67	149	134.8	160.7	125.8
Other disorders of circulatory system (I80-I99)	53	11	42	33.1	26.4	35.4
Influenza and pneumonia (J10-J18)	1,894	618	1,276	1,182.4	1,482.0	1,076.9
Influenza (J10-J11)	97	30	67	60.6	71.9	56.5
Pneumonia (J12-J18)	1,797	588	1,209	1,121.8	1,410.1	1,020.4
Other acute lower respiratory infections (J20-J22)	38	7	31	23.7	16.8	26.2
Acute bronchitis and bronchiolitis (J20-J21)	27	5	22	16.9	12.0	18.6
Unspecified acute lower respiratory infection (J22)	11	2	9	6.9	4.8	7.6
Chronic lower respiratory diseases (J40-J47)	1,360	582	778	849.0	1,395.7	656.6
Bronchitis, chronic and unspecified (J40-J42)	56	13	43	35.0	31.2	36.3
Emphysema (J43)	45	26	19	28.1	62.4	16.0
Asthma (J45-J46)	35	7	28	21.8	16.8	23.6
Other chronic lower respiratory diseases (J44, J47)	1,224	536	688	764.1	1,285.4	580.7
Pneumoconioses and chemical effects (J60-J66, J68)	1	1	0	0.6	2.4	0.0
Pneumonitis due to solids and liquids (J69)	313	143	170	195.4	342.9	143.5
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	314	118	196	196.0	283.0	165.4
Peptic ulcer (K25-K28)	62	21	41	38.7	50.4	34.6
Diseases of appendix (K35-K38)	4	2	2	2.5	4.8	1.7
Hernia (K40-K46)	59	16	43	36.8	38.4	36.3
Chronic liver disease and cirrhosis (K70, K73-K74)	16	5	11	10.0	12.0	9.3
Alcoholic liver disease (K70)	0	0	0	0.0	0.0	0.0
Other chronic liver disease and cirrhosis (K73-K74)	16	5	11	10.0	12.0	9.3
Cholelithiasis and other disorders of gallbladder (K80-K82)	66	19	47	41.2	45.6	39.7
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	758	315	443	473.2	755.4	373.9
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	3	1	2	1.9	2.4	1.7
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	5	4	1	3.1	9.6	0.8
Renal failure (N17-N19)	750	310	440	468.2	743.4	371.3
Other disorders of kidney (N25, N27)	0	0	0	0.0	0.0	0.0
Infections of kidney (N10-N12, N13.6, N15.1)	27	9	18	16.9	21.6	15.2
Hyperplasia of prostate (N40)	...	18	...	...	43.2	...
Inflammatory diseases of female pelvic organs (N70-N76)	...	...	3	...	...	2.5
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)	5	1	4	3.1	2.4	3.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	552	115	437	344.6	275.8	368.8
All other diseases (residual) ¹¹	4,521	995	3,526	2,822.3	2,386.1	2,975.9
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	1,116	302	814	696.7	724.2	687.0
Transport accidents (V01-V99, Y85)	28	17	11	17.5	40.8	9.3
Motor vehicle accidents ¹²	23	12	11	14.4	28.8	9.3
Other land transport accidents ¹³	3	3	0	1.9	7.2	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	2	2	0	1.2	4.8	0.0

See footnotes at the end of the table.

Table 2-20 – continued

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

	Number of deaths			Age-specific mortality rate per 100,000 population ⁶		
	Both sexes	Males	Females	Both sexes	Males	Females
Nontransport accidents (W00-X59, Y86)	1,088	285	803	679.2	683.5	677.7
Falls (W00-W19)	503	148	355	314.0	354.9	299.6
Accidental discharge of firearms (W32-W34)	0	0	0	0.0	0.0	0.0
Accidental drowning and submersion (W65-W74)	2	2	0	1.2	4.8	0.0
Accidental exposure to smoke, fire and flames (X00-X09)	8	2	6	5.0	4.8	5.1
Accidental poisoning and exposure to noxious substances (X40-X49)	7	6	1	4.4	14.4	0.8
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	568	127	441	354.6	304.6	372.2
Intentional self-harm (suicide) (X60-X84, Y87.0)	11	8	3	6.9	19.2	2.5
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	1	1	0	0.6	2.4	0.0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71, X75-X84, Y87.0)	10	7	3	6.2	16.8	2.5
Assault (homicide) (X85-Y09, Y87.1)	2	0	2	1.2	0.0	1.7
Assault (homicide) by discharge of firearms (X93-X95)	0	0	0	0.0	0.0	0.0
Assault (homicide) by other and unspecified means and their sequelae (X85-X92, X96-Y09, Y87.1)	2	0	2	1.2	0.0	1.7
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	0	4	2.5	0.0	3.4
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	0	4	2.5	0.0	3.4
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)	16	8	8	10.0	19.2	6.8

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 2004 mortality rate calculations are July 1, 2004 updated postcensal estimates, adjusted for net census undercoverage and include non-permanent residents. These population estimates appear in the publication "Annual Demographic Statistics, 2005" (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".
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(s): See Data quality, concepts and methodology — Explanatory notes for the tables section.

Source(s): 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 1,000 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.

Fetal death (stillbirth). Death prior to the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy; the death is indicated by the fact that after such separation the fetus does not breathe or show any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. Only fetal deaths where the product of conception has a birth weight of 500 grams or more or the duration of pregnancy is 20 weeks or longer are registered in Canada.

In Quebec (as well as in Saskatchewan prior to 2001 and in New Brunswick prior to November 1996), only fetal deaths (stillbirths) weighing 500 or more grams must be reported, regardless of the gestation period.

Because of these differences in reporting requirements, fetal death (stillbirth) data are presented for two gestation periods: 20 or more weeks of gestation (including fetal deaths or stillbirths with unknown weeks of gestation), and 28 or more weeks of gestation (excluding unknown weeks of gestation).

Fetal death (stillbirth) rate. The number of fetal deaths (stillbirths) per 1,000 live births plus fetal deaths (stillbirths).

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, irrespective of the duration of the pregnancy, which, after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.

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.

The population estimates used for vital statistics rate calculations are adjusted for net census under-coverage and include 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 a student or employment authorization, 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 (see table footnotes). Population estimates are frequently revised 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
Standardized-population by age group, Canada, July 1, 1991 (both sexes)

Group	Age in years	Standard population	Weight ¹
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 +	95,467	0.0034
Total	...	28,120,065	1.0000

1. see formula for calculation in Data quality, concepts and methodology — Definitions.

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 (fetal death). Death prior to the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy; the death is indicated by the fact that after such separation the fetus does not breathe or show any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. Only stillbirths where the product of conception has a birth weight of 500 grams or more or the duration of pregnancy is 20 weeks or longer are registered in Canada.

In Quebec (as well as in Saskatchewan prior to 2001 and in New Brunswick prior to November 1996), only stillbirths (fetal deaths) weighing 500 or more grams must be reported, regardless of the gestation period.

Because of these differences in reporting requirements, stillbirths (fetal deaths) data are presented for two gestation periods: 20 or more weeks of gestation (including fetal deaths or stillbirths with unknown weeks of gestation), and 28 or more weeks of gestation (excluding unknown weeks of gestation).

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

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 2004, 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 5,400 births in 2003, or 4% 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, 2004, 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, 2004. The components of population change are estimated on the basis of data gleaned from various sources.

Estimation

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

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

Disclosure control

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

Revisions and seasonal adjustments

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

Data accuracy

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

Explanatory notes for the tables

Table 1 — Deaths by selected grouped causes, sex and geography

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

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.

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.

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

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

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.

Appendix I

Summary list of causes of death

Text table 1

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

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

Text table 1 – continued

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

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

Text table 1 – continued

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

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

Source(s): National Center for Health Statistics, United States. "B" list in "Instruction Manual; Part 9; ICD-10 Cause-of-Death Lists for Tabulating Mortality Statistics".