

Table 1-6
Ten leading causes of death by selected age groups, by sex, Canada ¹ — 45 to 54 years

	Deaths									
	2007		2006		2005		2004		2003	
	rank ²	number	rank ²	number	rank ²	number	rank ²	number	rank ²	number
Both sexes										
Total, all causes of death (A00-Y89)	...	14,246	...	13,993	...	13,765	...	13,505	...	13,596
Malignant neoplasms (C00-C97)	1	5,567	1	5,495	1	5,418	1	5,448	1	5,518
Diseases of heart (I00-I09, I11, I13, I20-I51)	2	2,212	2	2,204	2	2,154	2	2,213	2	2,221
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	1,147	3	1,081	3	1,117	3	1,002	3	969
Intentional self-harm (suicide) (X60-X84, Y87.0)	4	896	4	828	4	883	4	839	4	858
Chronic liver disease and cirrhosis (K70, K73-K74)	5	530	5	495	5	440	5	423	5	445
Cerebrovascular diseases (I60-I69)	6	425	6	343	6	388	6	358	6	372
Diabetes mellitus (E10-E14)	7	349	7	315	7	363	7	314	7	313
Chronic lower respiratory diseases (J40-J47)	8	169	10	136	10	132	9	137	8	137
Influenza and pneumonia (J09-J18)	9	157	8	157	10	132	11	111	11	99
Viral hepatitis (B15-B19)	10	148	9	156	9	144	8	144	10	135
Human immunodeficiency virus [HIV] disease (B20-B24)	10	148	11	133	8	146	10	135	9	136
	rank ²	percent	rank ²	percent	rank ²	percent	rank ²	percent	rank ²	percent
Total, all causes of death (A00-Y89)	...	100.0	...	100.0	...	100.0	...	100.0	...	100.0
Malignant neoplasms (C00-C97)	1	39.1	1	39.3	1	39.4	1	40.3	1	40.6
Diseases of heart (I00-I09, I11, I13, I20-I51)	2	15.5	2	15.8	2	15.6	2	16.4	2	16.3
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	8.1	3	7.7	3	8.1	3	7.4	3	7.1
Intentional self-harm (suicide) (X60-X84, Y87.0)	4	6.3	4	5.9	4	6.4	4	6.2	4	6.3
Chronic liver disease and cirrhosis (K70, K73-K74)	5	3.7	5	3.5	5	3.2	5	3.1	5	3.3
Cerebrovascular diseases (I60-I69)	6	3.0	6	2.5	6	2.8	6	2.7	6	2.7
Diabetes mellitus (E10-E14)	7	2.4	7	2.3	7	2.6	7	2.3	7	2.3
Chronic lower respiratory diseases (J40-J47)	8	1.2	10	1.0	10	1.0	9	1.0	8	1.0
Influenza and pneumonia (J09-J18)	9	1.1	8	1.1	10	1.0	11	0.8	11	0.7
Viral hepatitis (B15-B19)	10	1.0	9	1.1	9	1.0	8	1.1	10	1.0
Human immunodeficiency virus [HIV] disease (B20-B24)	10	1.0	11	1.0	8	1.1	10	1.0	9	1.0
	rank ²	age-specific rate ³	rank ²	age-specific rate ³	rank ²	age-specific rate ³	rank ²	age-specific rate ³	rank ²	age-specific rate ³
Total, all causes of death (A00-Y89)	...	275.9	...	277.4	...	279.6	...	281.1	...	289.5
Malignant neoplasms (C00-C97)	1	107.8	1	108.9	1	110.1	1	113.4	1	117.5
Diseases of heart (I00-I09, I11, I13, I20-I51)	2	42.8	2	43.7	2	43.8	2	46.1	2	47.3
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	22.2	3	21.4	3	22.7	3	20.9	3	20.6
Intentional self-harm (suicide) (X60-X84, Y87.0)	4	17.4	4	16.4	4	17.9	4	17.5	4	18.3
Chronic liver disease and cirrhosis (K70, K73-K74)	5	10.3	5	9.8	5	8.9	5	8.8	5	9.5
Cerebrovascular diseases (I60-I69)	6	8.2	6	6.8	6	7.9	6	7.5	6	7.9
Diabetes mellitus (E10-E14)	7	6.8	7	6.2	7	7.4	7	6.5	7	6.7
Chronic lower respiratory diseases (J40-J47)	8	3.3	10	2.7	10	2.7	9	2.9	8	2.9
Influenza and pneumonia (J09-J18)	9	3.0	8	3.1	10	2.7	11	2.3	11	2.1
Viral hepatitis (B15-B19)	10	2.9	9	3.1	9	2.9	8	3.0	10	2.9
Human immunodeficiency virus [HIV] disease (B20-B24)	10	2.9	11	2.6	8	3.0	10	2.8	9	2.9

See footnotes at the end of the table.

Table 1-6 – continued

Ten leading causes of death by selected age groups, by sex, Canada 1 — 45 to 54 years

	Deaths									
	2007		2006		2005		2004		2003	
	rank ²	number	rank ²	number	rank ²	number	rank ²	number	rank ²	number
Males										
Total, all causes of death (A00-Y89)	...	8,603	...	8,482	...	8,333	...	8,196	...	8,304
Malignant neoplasms (C00-C97)	1	2,650	1	2,599	1	2,566	1	2,488	1	2,605
Diseases of heart (I00-I09, I11, I13, I20-I51)	2	1,705	2	1,742	2	1,679	2	1,775	2	1,778
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	846	3	792	3	842	3	764	3	713
Intentional self-harm (suicide) (X60-X84, Y87.0)	4	676	4	616	4	670	4	609	4	617
Chronic liver disease and cirrhosis (K70, K73-K74)	5	371	5	353	5	300	5	297	5	316
Cerebrovascular diseases (I60-I69)	6	234	7	174	7	196	7	204	7	197
Diabetes mellitus (E10-E14)	7	223	6	217	6	227	6	215	6	210
Human immunodeficiency virus [HIV] disease (B20-B24)	8	124	8	115	8	120	8	113	8	120
Viral hepatitis (B15-B19)	9	106	9	112	9	105	9	106	9	106
Influenza and pneumonia (J09-J18)	10	92	10	88	10	84	11	64	11	60
	rank ²	percent	rank ²	percent	rank ²	percent	rank ²	percent	rank ²	percent
Total, all causes of death (A00-Y89)	...	100.0	...	100.0	...	100.0	...	100.0	...	100.0
Malignant neoplasms (C00-C97)	1	30.8	1	30.6	1	30.8	1	30.4	1	31.4
Diseases of heart (I00-I09, I11, I13, I20-I51)	2	19.8	2	20.5	2	20.1	2	21.7	2	21.4
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	9.8	3	9.3	3	10.1	3	9.3	3	8.6
Intentional self-harm (suicide) (X60-X84, Y87.0)	4	7.9	4	7.3	4	8.0	4	7.4	4	7.4
Chronic liver disease and cirrhosis (K70, K73-K74)	5	4.3	5	4.2	5	3.6	5	3.6	5	3.8
Cerebrovascular diseases (I60-I69)	6	2.7	7	2.1	7	2.4	7	2.5	7	2.4
Diabetes mellitus (E10-E14)	7	2.6	6	2.6	6	2.7	6	2.6	6	2.5
Human immunodeficiency virus [HIV] disease (B20-B24)	8	1.4	8	1.4	8	1.4	8	1.4	8	1.4
Viral hepatitis (B15-B19)	9	1.2	9	1.3	9	1.3	9	1.3	9	1.3
Influenza and pneumonia (J09-J18)	10	1.1	10	1.0	10	1.0	11	0.8	11	0.7
	rank ²	age-specific rate ³	rank ²	age-specific rate ³	rank ²	age-specific rate ³	rank ²	age-specific rate ³	rank ²	age-specific rate ³
Total, all causes of death (A00-Y89)	...	333.9	...	338.0	...	340.5	...	343.4	...	356.0
Malignant neoplasms (C00-C97)	1	102.9	1	103.6	1	104.9	1	104.2	1	111.7
Diseases of heart (I00-I09, I11, I13, I20-I51)	2	66.2	2	69.4	2	68.6	2	74.4	2	76.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	32.8	3	31.6	3	34.4	3	32.0	3	30.6
Intentional self-harm (suicide) (X60-X84, Y87.0)	4	26.2	4	24.5	4	27.4	4	25.5	4	26.5
Chronic liver disease and cirrhosis (K70, K73-K74)	5	14.4	5	14.1	5	12.3	5	12.4	5	13.5
Cerebrovascular diseases (I60-I69)	6	9.1	7	6.9	7	8.0	7	8.5	7	8.4
Diabetes mellitus (E10-E14)	7	8.7	6	8.6	6	9.3	6	9.0	6	9.0
Human immunodeficiency virus [HIV] disease (B20-B24)	8	4.8	8	4.6	8	4.9	8	4.7	8	5.1
Viral hepatitis (B15-B19)	9	4.1	9	4.5	9	4.3	9	4.4	9	4.5
Influenza and pneumonia (J09-J18)	10	3.6	10	3.5	10	3.4	11	2.7	11	2.6

See footnotes at the end of the table.

Table 1-6 – continued

Ten leading causes of death by selected age groups, by sex, Canada 1 – 45 to 54 years

	Deaths									
	2007		2006		2005		2004		2003	
	rank ²	number	rank ²	number	rank ²	number	rank ²	number	rank ²	number
Females										
Total, all causes of death (A00-Y89)	...	5,643	...	5,511	...	5,432	...	5,309	...	5,292
Malignant neoplasms (C00-C97)	1	2,917	1	2,896	1	2,852	1	2,960	1	2,913
Diseases of heart (I00-I09, I11, I13, I20-I51)	2	507	2	462	2	475	2	438	2	443
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	301	3	289	3	275	3	238	3	256
Intentional self-harm (suicide) (X60-X84, Y87.0)	4	220	4	212	4	213	4	230	4	241
Cerebrovascular diseases (I60-I69)	5	191	5	169	5	192	5	154	5	175
Chronic liver disease and cirrhosis (K70, K73-K74)	6	159	6	142	6	140	6	126	6	129
Diabetes mellitus (E10-E14)	7	126	7	98	7	136	7	99	7	103
Chronic lower respiratory diseases (J40-J47)	8	85	9	64	8	66	8	63	8	63
Influenza and pneumonia (J09-J18)	9	65	8	69	9	48	9	47	10	39
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	10	46	11	39	10	42	10	46	9	44
	rank ²	percent	rank ²	percent	rank ²	percent	rank ²	percent	rank ²	percent
Total, all causes of death (A00-Y89)	...	100.0	...	100.0	...	100.0	...	100.0	...	100.0
Malignant neoplasms (C00-C97)	1	51.7	1	52.5	1	52.5	1	55.8	1	55.0
Diseases of heart (I00-I09, I11, I13, I20-I51)	2	9.0	2	8.4	2	8.7	2	8.3	2	8.4
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	5.3	3	5.2	3	5.1	3	4.5	3	4.8
Intentional self-harm (suicide) (X60-X84, Y87.0)	4	3.9	4	3.8	4	3.9	4	4.3	4	4.6
Cerebrovascular diseases (I60-I69)	5	3.4	5	3.1	5	3.5	5	2.9	5	3.3
Chronic liver disease and cirrhosis (K70, K73-K74)	6	2.8	6	2.6	6	2.6	6	2.4	6	2.4
Diabetes mellitus (E10-E14)	7	2.2	7	1.8	7	2.5	7	1.9	7	1.9
Chronic lower respiratory diseases (J40-J47)	8	1.5	9	1.2	8	1.2	8	1.2	8	1.2
Influenza and pneumonia (J09-J18)	9	1.2	8	1.3	9	0.9	9	0.9	10	0.7
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	10	0.8	11	0.7	10	0.8	10	0.9	9	0.8
	rank ²	age-specific rate ³	rank ²	age-specific rate ³	rank ²	age-specific rate ³	rank ²	age-specific rate ³	rank ²	age-specific rate ³
Total, all causes of death (A00-Y89)	...	218.1	...	217.4	...	219.4	...	219.6	...	223.9
Malignant neoplasms (C00-C97)	1	112.7	1	114.2	1	115.2	1	122.4	1	123.2
Diseases of heart (I00-I09, I11, I13, I20-I51)	2	19.6	2	18.2	2	19.2	2	18.1	2	18.7
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	11.6	3	11.4	3	11.1	3	9.8	3	10.8
Intentional self-harm (suicide) (X60-X84, Y87.0)	4	8.5	4	8.4	4	8.6	4	9.5	4	10.2
Cerebrovascular diseases (I60-I69)	5	7.4	5	6.7	5	7.8	5	6.4	5	7.4
Chronic liver disease and cirrhosis (K70, K73-K74)	6	6.1	6	5.6	6	5.7	6	5.2	6	5.5
Diabetes mellitus (E10-E14)	7	4.9	7	3.9	7	5.5	7	4.1	7	4.4
Chronic lower respiratory diseases (J40-J47)	8	3.3	9	2.5	8	2.7	8	2.6	8	2.7
Influenza and pneumonia (J09-J18)	9	2.5	8	2.7	9	1.9	9	1.9	10	1.6
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	10	1.8	11	1.5	10	1.7	10	1.9	9	1.9

1. The geographic distribution of deaths in this table is based on the deceased's usual place of residence. Counts in this table exclude deaths of non-residents of Canada.
 2. The ranking of the leading causes of death is based on the number of deaths.
 3. The age-specific mortality rates per 100,000 population use the population estimates in the Appendix 3 as denominator.
Note(s): See "Introduction", "Glossary" and "Definitions, data sources and methods" sections.
Source(s): Statistics Canada, Canadian Vital Statistics, Death Database (CANSIM table 102-0561).