

## Leading causes of death in Minneapolis and the U.S.

The five leading causes of death among Minneapolis residents in 2014 were cancer, heart disease, accidents, chronic lower respiratory disease, and stroke. These were also the five leading causes of death nationally, based on the most recent data available (2013).

Nationally, the 10 leading causes of death accounted for 74% of all deaths, with the top 3 accounting

for more than half of all deaths. In Minneapolis, the 15 leading causes of death accounted for 1,658 deaths, or 72%, of all deaths in 2014.

*Table 1* shows cause of death, rank, number of deaths, and percentage of total deaths for Minneapolis in 2014, as well as the respective U.S. rank for the same causes in 2013.

**Table 1. Leading causes of death among Minneapolis residents, 2014**

Cause of death	Rank	Deaths	Percentage of total deaths	US Rank 2013*
All causes.....	...	2,313	100.0	...
Cancer .....	<b>1</b>	520	22.5	2
Heart disease.....	<b>2</b>	332	14.4	1
Accidents.....	<b>3</b>	177	7.7	4
Chronic lower respiratory disease.....	<b>4</b>	130	5.6	3
Stroke .....	<b>5</b>	114	4.9	5
Diabetes .....	<b>6</b>	58	2.5	7
Alzheimer’s disease .....	<b>7</b>	50	2.2	6
Chronic liver disease and cirrhosis .....	<b>8</b>	47	2.0	
Suicide .....	<b>9</b>	46	2.0	10
Nephritis (kidney disease) .....	<b>10</b>	39	1.7	9
Hypertension.....	<b>11</b>	37	1.6	
Parkinson’s disease .....	<b>12</b>	31	1.3	
Influenza and pneumonia.....	<b>13</b>	27	1.2	8
Septicemia (blood infections).....	<b>14</b>	26	1.1	
Homicide .....	<b>15</b>	24	1.0	

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

\* Only the top 10 leading causes of death are routinely provided nationally.

## Classification and ranking of cause of death

The **International Classification of Diseases (ICD)** is the classification system used to code and classify mortality data from death certificates into broad categories. Manner of death takes into account both cause and circumstances of death. Manner of death includes natural death, (e.g., resulting from aging, illness, or chronic disease), accidents (i.e., unintentional injuries), homicide, and suicide. For some deaths, the manner of death may be undetermined.

Although ranking the causes of death is a convenient method of comparison, it has its limitations because a rank for a specific cause of death is relative to other causes. As a result, rank order may change even if mortality has not changed, or it may stay the same even when mortality has declined or increased, depending on the status of change in other causes of death. Rank order is most useful when mortality numbers are large and the differences between causes are large (e.g., top 5 causes of death in *Table 1*). Rank order becomes less meaningful when mortality numbers and the differences between causes are smaller (e.g., causes at the bottom of the list in *Table 1*).

## Comparisons of causes of death over 10 years between demographic subgroups

For the total city population, examining a 10-year period for Minneapolis (2005-2014) shows little change from the pattern seen for a single year (e.g., 2014). However, single year data is less reliable when examining the leading causes of death by sex/gender, age, and race/ethnicity. The cause-specific numbers of deaths within demographic subgroups are relatively small. Therefore, a 10-year period provides a more stable basis for subgroup comparisons.

One- and ten-year statistical tables are provided in the *Appendix*.

## Ten-year number of deaths and differences in causes between men and women

Differences between men and women can be related to biological sex differences (such as those influenced by chromosomes or hormones) or gender differences influenced by psychosocial factors such as cultural roles and expectations and occupational choices.

**Cancer and heart disease** were the two leading causes of deaths for both women and men. However, these two causes combined comprise a greater proportion of deaths among men (39.8%) than women (35.6%).

Notable differences by sex/gender are seen with respect to the greater number of deaths among men caused by accidents, suicide, homicide, and liver disease, and the greater number of deaths among women caused by Alzheimer's disease.

**Deaths by homicide** were 6.7 times higher among men than women (260 versus 39); homicide did not rank among the 15 leading causes of death for women. The number of deaths by **suicide** was 3 times higher among men than women (312 versus 103). **Accidental deaths** were 1.7 times higher among men than women (1,047 versus 630).

**Chronic liver disease and cirrhosis** caused 1.6 times more deaths among men than women (240 versus 148). The most common causes of liver disease include Hepatitis C, fatty liver associated with obesity and diabetes, and chronic and excessive use of alcohol. **Parkinson's disease** caused 1.7 times more deaths among men than women (148 versus 88); this gender difference is consistent with other geographic areas, but the cause is not well understood.

**Deaths from Alzheimer's disease** were 2.5 times higher among women than men (396 versus 161). Although both sex- and gender-related factors are believed to influence the onset and course of Alzheimer's, the difference is attributable in part to the fact that men die from other causes earlier in life.

## Ten-year number of deaths and differences in causes between age subgroups

**Infants (Age less than 1 year).** A total of 414 infants died before their first birthday between 2005 and 2014. More than one-quarter (106) of these deaths were attributable to congenital birth defects. Disorders related to short gestation and low birth weight accounted for 65 deaths; accidents, 37; sudden infant death syndrome, 26. For more information on infant mortality: <http://www.ci.minneapolis.mn.us/health/reports/birth-trend-data>.

**Ages 1-4 years.** Deaths in this age subgroup are relatively rare (54). Accidents were the most common cause, accounting for 14 deaths. Ten deaths were due to conditions that existed since birth, 5 deaths were cancer-related, and 4 resulted from homicide.

**Ages 5-14 years.** Deaths in this age subgroup are relatively rare (64). Accidents were the most common cause, accounting for 19 deaths. Cancer was the cause of 8 deaths; homicide, 6 deaths; conditions existing since birth, 5 deaths; heart disease, 3 deaths; and suicide, 3 deaths.

**Ages 15-24 years.** The number of deaths was 318. One-third (107) resulted from homicide, the leading cause of death for this age subgroup. Accidental death was the second-leading cause, accounting for 93 deaths, and suicide was the third-leading cause of death, accounting for 42 deaths. The greatest number attributed to disease was cancer-related deaths at 20, the fourth-leading cause of death.

**Ages 25-34 years.** The number of deaths was 578. The top three causes of death were the same as the 15-24 age subgroup, but the rank order was different. Accidents caused almost one-third of deaths (178). Suicide caused 88, and homicide caused 82. Similar to the younger age subgroup, cancer was the fourth-leading cause of death (45). Heart disease caused 40 deaths.

**Ages 35-44 years.** The number of deaths was 953. Accidents were the number one cause (214). Cancer (132) and heart disease (125) were followed by suicide (84), chronic liver disease or cirrhosis (53), homicide (49), and HIV (33).

**Ages 45-54 years.** The number of deaths was 2,293. Cancer was the leading cause of death (560), followed by heart disease (389) and accidents (307). The next leading causes of death were chronic liver disease and cirrhosis (124), stroke (85), suicide (84), diabetes (81), and HIV (60).

**Ages 55-64 years.** The number of deaths was 3,345. Like the previous age subgroup, the leading causes of death were cancer (1,154), heart disease (504), and accidents (217). These were followed by chronic lower respiratory diseases (160), diabetes (145), chronic liver disease and cirrhosis (131), and stroke (105).

**Ages 65-74 years.** The number of deaths was 3,367. Cancer was the leading cause of death (1,190), followed by heart disease (449) and chronic lower respiratory disease (247). The next most common causes of death were diabetes (152), stroke (150), and accidents (102).

**Ages 75-84 years.** The number of deaths was 4,676. Cancer was the leading cause of death (1,225), followed by heart disease (735), chronic lower respiratory disease (337), stroke (260), accidents (165), Alzheimer's disease (134), and diabetes (133).

**Ages 85 years and older.** The number of deaths was 7,447. Heart disease was the leading cause of death (1,227), followed by cancer (893), stroke (492), Alzheimer's (389), accidents (331), and chronic lower respiratory disease (297).

## Ten-year number of deaths and differences in causes between racial/ethnic subgroups

**Whites.** The number of deaths was 18,056. The 5 leading causes of deaths among whites were the same as for the City as a whole. Cancer accounted for 4,006 deaths; heart disease, 2,895; accidents, 1,145; chronic lower respiratory disease, 941; and stroke, 859. The next leading causes of death were Alzheimer's (505), diabetes (427 deaths), kidney disease (339), influenza and pneumonia (312), and suicide (304).

**Blacks.** The number of deaths was 3,641. The 3 leading causes for Blacks were the same as for the City as a whole. Cancer accounted for 874 deaths; heart disease, 531 deaths; and accidents, 296. Homicide was the fourth leading cause of death (198), followed by stroke (173) and diabetes (163).

**American Indians or Alaska Natives.** The number of deaths was 590. The leading causes of death were accidents (95), cancer (92), and heart disease (82). These were followed by chronic liver disease and cirrhosis (57), diabetes (33), chronic lower respiratory diseases (15), and suicide (15).

**Asians or Pacific Islanders.** The number of deaths was 531. The leading causes of death were cancer (137), heart disease (66), and stroke (52), followed by accidents (30), diabetes (23), kidney disease (20), and suicide (19).

**Hispanics.** The number of deaths was 468. The leading causes of death were cancer (84), accidents (82), and heart disease (42), followed by stroke (34), conditions related to pregnancy or delivery (29), congenital conditions (29), homicide (18), suicide (14), chronic liver disease and cirrhosis (12), and diabetes (10).

## Conclusion

Overall mortality and differences among demographic subgroups identify opportunities for reducing the number of preventable deaths and disparities. Many "natural" causes of death are influenced by diet and physical activity, the environments that influence food choices and likelihood of exercise and the hazards we are exposed to, and factors such as poverty and access to quality education and health care. Societal changes to achieve racial equity and reduce socioeconomic disparities are essential to communal well-being and reducing homicide. Suicide may be addressed through greater acceptance of individual differences, reducing the stigma associated with mental illness, and easier access to mental health care.

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## Appendix

Deaths and percentage of total deaths for the 15 leading causes of death for the following populations:

All decedents.....	6
Females.....	7
Males.....	8
American Indians or Alaska Natives of non-Hispanic race/ethnicity.....	9
Asians or Pacific Islanders of non-Hispanic race/ethnicity.....	10
Blacks or African Americans of non-Hispanic race/ethnicity.....	11
Hispanics (of any race).....	12
Whites of non-Hispanic race/ethnicity.....	13
Infants (Age less than 1 year).....	14
Ages 1-4 years.....	15
Ages 5-14 years.....	16
Ages 15-24 years.....	17
Ages 25-34 years.....	18
Ages 35-44 years.....	19
Ages 45-54 years.....	20
Ages 55-64 years.....	21
Ages 65-74 years.....	22
Ages 75-84 years.....	23
Ages 85 years and over.....	24

Table A-1. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2014 (single year) and 2005-2014 (10-year period)

ALL DECEDENTS

Cause of death	Rank <sup>[1]</sup>	2014 (single year) All decedents		2005-2014 (10-year period) All decedents	
		Deaths	Percentage of total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	2,313	100.0	2,352	100.0
Malignant neoplasms ..... (C00-C97)	<b>1</b>	520	22.5	523	22.2
Diseases of heart..... (I00-I09,I11,I13,I20-I51)	<b>2</b>	332	14.4	363	15.4
Accidents (unintentional injuries).....(V01-X59,Y85-Y86)	<b>3</b>	177	7.7	168	7.1
Chronic lower respiratory diseases ..... (J40-J47)	<b>4</b>	130	5.6	111	4.7
Cerebrovascular diseases.....(I60-I69)	<b>5</b>	114	4.9	114	4.8
Diabetes mellitus..... (E10-E14)	<b>6</b>	58	2.5	67	2.8
Alzheimer’s disease.....(G30)	<b>7</b>	50	2.2	56	2.4
Chronic liver disease and cirrhosis..... (K70,K73-K74)	<b>8</b>	47	2.0	39	1.6
Intentional self-harm (suicide) .....(*U03,X60-X84,Y87.0)	<b>9</b>	46	2.0	42	1.8
Nephritis, nephrotic syndrome and nephrosis ..... (N00-N07,N17-N19,N25-N27)	<b>10</b>	39	1.7	47	2.0
Essential (primary) hypertension and hypertensive renal disease ..... (I10,I12)	<b>11</b>	37	1.6	39	1.7
Parkinson’s disease ..... (G20-G21)	<b>12</b>	31	1.3	24	1.0
Influenza and pneumonia ..... (J10-J18)	<b>13</b>	27	1.2	37	1.6
Septicemia.....(A40-A41)	<b>14</b>	26	1.1	26	1.1
Assault (homicide)..... (*U01-*U02,X85-Y09,Y87.1)	<b>15</b>	24	1.0	30	1.3

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

<sup>[1]</sup> Rank based on number of deaths in year 2014.

\* U01-U03 are terrorism-related codes for mortality. These codes were introduced by the United States, but are not officially part of the ICD.

Table A-2. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014

FEMALES

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	11,675	1,168	100.0
Malignant neoplasms .....(C00-C97)	1	2,508	251	21.5
Diseases of heart.....(I00-I09,I11,I13,I20-I51)	2	1,641	164	14.1
Cerebrovascular diseases.....(I60-I69)	3	650	65	5.6
Accidents (unintentional injuries).....(V01-X59,Y85-Y86)	4	630	63	5.4
Chronic lower respiratory diseases .....(J40-J47)	5	578	58	5.0
Alzheimer's disease.....(G30)	6	396	40	3.4
Diabetes mellitus.....(E10-E14)	7	306	31	2.6
Nephritis, nephrotic syndrome and nephrosis .....(N00-N07,N17-N19,N25-N27)	8	231	23	2.0
Essential (primary) hypertension and hypertensive renal disease .....(I10,I12)	9	209	21	1.8
Influenza and pneumonia .....(J10-J18)	10	196	20	1.7
Chronic liver disease and cirrhosis.....(K70,K73-K74)	11	148	15	1.3
Septicemia.....(A40-A41)	12	130	13	1.1
Intentional self-harm (suicide) .....(*U03,X60-X84,Y87.0)	13	103	10	0.9
Parkinson's disease .....(G20-G21)	14	88	9	0.8
Congenital malformations, deformations and chromosomal abnormalities.....(Q00-Q99)	15	82	8	0.7

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

\* U01-U03 are terrorism-related codes for mortality. These codes were introduced by the United States, but are not officially part of the ICD.

**Table A-3. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014**

**MALES**

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	11,845	1,185	100.0
Malignant neoplasms ..... (C00-C97)	<b>1</b>	2,725	273	23.0
Diseases of heart..... (I00-I09,I11,I13,I20-I51)	<b>2</b>	1,989	199	16.8
Accidents (unintentional injuries).....(V01-X59,Y85-Y86)	<b>3</b>	1,047	105	8.8
Chronic lower respiratory diseases ..... (J40-J47)	<b>4</b>	530	53	4.5
Cerebrovascular diseases.....(I60-I69)	<b>5</b>	489	49	4.1
Diabetes mellitus..... (E10-E14)	<b>6</b>	361	36	3.0
Intentional self-harm (suicide) .....(*U03,X60-X84,Y87.0)	<b>7</b>	312	31	2.6
Assault (homicide).....(*U01-*U02,X85-Y09,Y87.1)	<b>8</b>	260	26	2.2
Nephritis, nephrotic syndrome and nephrosis ..... (N00-N07,N17-N19,N25-N27)	<b>9</b>	242	24	2.0
Chronic liver disease and cirrhosis..... (K70,K73-K74)	<b>10</b>	240	24	2.0
Essential (primary) hypertension and hypertensive renal disease ..... (I10,I12)	<b>11</b>	183	18	1.5
Influenza and pneumonia ..... (J10-J18)	<b>12</b>	172	17	1.5
Alzheimer's disease.....(G30)	<b>13</b>	161	16	1.4
Parkinson's disease ..... (G20-G21)	<b>14</b>	148	15	1.2
Septicemia.....(A40-A41)	<b>15</b>	128	13	1.1

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

\* U01-U03 are terrorism-related codes for mortality. These codes were introduced by the United States, but are not officially part of the ICD.

Table A-4. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014

AMERICAN INDIANS OR ALASKA NATIVES OF NON-HISPANIC RACE/ETHNICITY

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	590	59	100.0
Accidents (unintentional injuries).....(V01-X59,Y85-Y86)	1	95	10	16.1
Malignant neoplasms.....(C00-C97)	2	92	9	15.6
Diseases of heart.....(I00-I09,I11,I13,I20-I51)	3	82	8	13.9
Chronic liver disease and cirrhosis.....(K70,K73-K74)	4	57	6	9.7
Diabetes mellitus.....(E10-E14)	5	33	3	5.6
Chronic lower respiratory diseases.....(J40-J47)	6	15	2	2.5
Intentional self-harm (suicide).....(*U03,X60-X84,Y87.0)	7	15	2	2.5
Cerebrovascular diseases.....(I60-I69)	8	14	1	2.4
Assault (homicide).....(*U01-*U02,X85-Y09,Y87.1)	9	14	1	2.4
Septicemia.....(A40-A41)	10	12	1	2.0
Nephritis, nephrotic syndrome and nephrosis.....(N00-N07,N17-N19,N25-N27)	11	10	1	1.7
Influenza and pneumonia.....(J10-J18)	12	10	1	1.7
Viral hepatitis.....(B15-B19)	13	9	1	1.5
Human immunodeficiency virus (HIV) disease.....(B20-B24)	14	8	1	1.4
Congenital malformations, deformations and chromosomal abnormalities.....(Q00-Q99)	15	4	0	0.7

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

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Table A-5. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014

ASIANS OR PACIFIC ISLANDERS OF NON-HISPANIC RACE/ETHNICITY

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	531	53	100.0
Malignant neoplasms .....(C00-C97)	<b>1</b>	137	14	25.8
Diseases of heart.....(I00-I09,I11,I13,I20-I51)	<b>2</b>	66	7	12.4
Cerebrovascular diseases.....(I60-I69)	<b>3</b>	52	5	9.8
Accidents (unintentional injuries).....(V01-X59,Y85-Y86)	<b>4</b>	30	3	5.6
Diabetes mellitus.....(E10-E14)	<b>5</b>	23	2	4.3
Nephritis, nephrotic syndrome and nephrosis .....(N00-N07,N17-N19,N25-N27)	<b>6</b>	20	2	3.8
Intentional self-harm (suicide) .....(*U03,X60-X84,Y87.0)	<b>7</b>	19	2	3.6
Chronic lower respiratory diseases .....(J40-J47)	<b>8</b>	14	1	2.6
Assault (homicide).....(*U01-*U02,X85-Y09,Y87.1)	<b>9</b>	12	1	2.3
Alzheimer's disease.....(G30)	<b>10</b>	8	1	1.5
Congenital malformations, deformations and chromosomal abnormalities.....(Q00-Q99)	<b>11</b>	7	1	1.3
Essential (primary) hypertension and hypertensive renal disease .....(I10,I12)	<b>12</b>	6	1	1.1
Chronic liver disease and cirrhosis.....(K70,K73-K74)	<b>13</b>	6	1	1.1
Influenza and pneumonia .....(J10-J18)	<b>14</b>	6	1	1.1
Septicemia.....(A40-A41)	<b>15</b>	6	1	1.1

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

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Table A-6. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014

BLACKS OR AFRICAN AMERICANS OF NON-HISPANIC RACE/ETHNICITY

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	3,641	364	100.0
Malignant neoplasms .....(C00-C97)	<b>1</b>	874	87	24.0
Diseases of heart.....(I00-I09,I11,I13,I20-I51)	<b>2</b>	531	53	14.6
Accidents (unintentional injuries).....(V01-X59,Y85-Y86)	<b>3</b>	296	30	8.1
Assault (homicide).....(*U01-*U02,X85-Y09,Y87.1)	<b>4</b>	198	20	5.4
Cerebrovascular diseases.....(I60-I69)	<b>5</b>	173	17	4.8
Diabetes mellitus.....(E10-E14)	<b>6</b>	163	16	4.5
Chronic lower respiratory diseases .....(J40-J47)	<b>7</b>	117	12	3.2
Nephritis, nephrotic syndrome and nephrosis .....(N00-N07,N17-N19,N25-N27)	<b>8</b>	90	9	2.5
Certain conditions originating in the perinatal period.....(P00-P96)	<b>9</b>	86	9	2.4
Essential (primary) hypertension and hypertensive renal disease .....(I10,I12)	<b>10</b>	80	8	2.2
Human immunodeficiency virus (HIV) disease .....(B20-B24)	<b>11</b>	57	6	1.6
Intentional self-harm (suicide) .....(*U03,X60-X84,Y87.0)	<b>12</b>	56	6	1.5
Chronic liver disease and cirrhosis.....(K70,K73-K74)	<b>13</b>	52	5	1.4
Congenital malformations, deformations and chromosomal abnormalities.....(Q00-Q99)	<b>14</b>	48	5	1.3
Septicemia.....(A40-A41)	<b>15</b>	47	5	1.3

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

\* U01-U03 are terrorism-related codes for mortality. These codes were introduced by the United States, but are not officially part of the ICD.

**Table A-7. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014  
HISPANICS (OF ANY RACE)**

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	468	47	100.0
Malignant neoplasms ..... (C00-C97)	<b>1</b>	84	8	17.9
Accidents (unintentional injuries) ..... (V01-X59,Y85-Y86)	<b>2</b>	82	8	17.5
Diseases of heart ..... (I00-I09,I11,I13,I20-I51)	<b>3</b>	42	4	9.0
Cerebrovascular diseases ..... (I60-I69)	<b>4</b>	34	3	7.3
Certain conditions originating in the perinatal period ..... (P00-P96)	<b>5</b>	29	3	6.2
Congenital malformations, deformations and chromosomal abnormalities ..... (Q00-Q99)	<b>6</b>	29	3	6.2
Assault (homicide) ..... (*U01-*U02,X85-Y09,Y87.1)	<b>7</b>	18	2	3.8
Intentional self-harm (suicide) ..... (*U03,X60-X84,Y87.0)	<b>8</b>	14	1	3.0
Chronic liver disease and cirrhosis ..... (K70,K73-K74)	<b>9</b>	12	1	2.6
Diabetes mellitus ..... (E10-E14)	<b>10</b>	10	1	2.1
Chronic lower respiratory diseases ..... (J40-J47)	<b>11</b>	8	1	1.7
Human immunodeficiency virus (HIV) disease ..... (B20-B24)	<b>12</b>	7	1	1.5
Essential (primary) hypertension and hypertensive renal disease ..... (I10,I12)	<b>13</b>	6	1	1.3
Alzheimer's disease ..... (G30)	<b>14</b>	5	1	1.1
Nephritis, nephrotic syndrome and nephrosis ..... (N00-N07,N17-N19,N25-N27)	<b>15</b>	5	1	1.1

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

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**Table A-8. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014**

**WHITES OF NON-HISPANIC RACE/ETHNICITY**

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	18,056	1,806	100.0
Malignant neoplasms ..... (C00-C97)	<b>1</b>	4,006	401	22.2
Diseases of heart..... (I00-I09,I11,I13,I20-I51)	<b>2</b>	2,895	290	16.0
Accidents (unintentional injuries).....(V01-X59,Y85-Y86)	<b>3</b>	1,145	115	6.3
Chronic lower respiratory diseases ..... (J40-J47)	<b>4</b>	941	94	5.2
Cerebrovascular diseases.....(I60-I69)	<b>5</b>	859	86	4.8
Alzheimer’s disease.....(G30)	<b>6</b>	505	51	2.8
Diabetes mellitus..... (E10-E14)	<b>7</b>	427	43	2.4
Nephritis, nephrotic syndrome and nephrosis ..... (N00-N07,N17-N19,N25-N27)	<b>8</b>	339	34	1.9
Influenza and pneumonia ..... (J10-J18)	<b>9</b>	312	31	1.7
Intentional self-harm (suicide) .....(*U03,X60-X84,Y87.0)	<b>10</b>	304	30	1.7
Essential (primary) hypertension and hypertensive renal disease ..... (I10,I12)	<b>11</b>	295	30	1.6
Chronic liver disease and cirrhosis..... (K70,K73-K74)	<b>12</b>	250	25	1.4
Parkinson’s disease ..... (G20-G21)	<b>13</b>	223	22	1.2
Septicemia.....(A40-A41)	<b>14</b>	186	19	1.0
Pneumonitis due to solids and liquids..... (J69)	<b>15</b>	123	12	0.7

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

\* U01-U03 are terrorism-related codes for mortality. These codes were introduced by the United States, but are not officially part of the ICD.

*May 2016 revision:* The leading causes of death for infants (age less than 1 year) are updated for greater fidelity to the World Health Organization's (WHO) guidelines. For this age subgroup only, the data is based on a list of 71 rankable causes of infant death, as compared to the list of 50 rankable causes of death for the general population. The differences introduced by the list of 71 rankable causes include: the categories of "Certain conditions originating in the perinatal period" and "Chronic lower respiratory disease" are expanded into more specific sub-categories; the categories of "Diseases of the heart" and "Cerebrovascular diseases" are combined into a single category, "Diseases of the circulatory system"; several categories that are not considered rankable for the general population are rankable for the infant population, including "Diarrhea and gastroenteritis of infectious origin," "Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism," and "Sudden infant death syndrome."

**Table A-9. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014  
INFANTS (AGE LESS THAN 1 YEAR)**

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	414	41	100.0
Congenital malformations, deformations and chromosomal abnormalities..... Q00-Q99	<b>1</b>	106	11	25.6
Disorders related to short gestation and low birth weight, not elsewhere classified .....P07	<b>2</b>	65	7	15.7
Accidents (unintentional injuries).....V01-X59	<b>3</b>	37	4	8.9
Sudden infant death syndrome .....R95	<b>4</b>	26	3	6.3
Newborn affected by maternal complications of pregnancy .....P01	<b>5</b>	23	2	5.6
Newborn affected by complications of placenta, cord and membranes .....P02	<b>6</b>	19	2	4.6
Neonatal hemorrhage.....P50-P52,P54	<b>7</b>	13	1	3.1
Intrauterine hypoxia and birth asphyxia .....P20-P21	<b>8</b>	11	1	2.7
Necrotizing enterocolitis of newborn .....P77	<b>9</b>	10	1	2.4
Diseases of the circulatory system ..... I00-I99	<b>10</b>	9	1	2.2
Influenza and pneumonia .....J10-J18	<b>11</b>	6	1	1.4
Respiratory distress of newborn .....P22	<b>12</b>	5	1	1.2
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism .....D50-D89	<b>13</b>	5	1	1.2
Diarrhea and gastroenteritis of infectious origin.....A09	<b>14</b>	5	1	1.2
Hydrops fetalis not due to hemolytic disease.....P83.2	<b>15</b>	4	0	1.0

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

\* U01-U03 are terrorism-related codes for mortality. These codes were introduced by the United States, but are not officially part of the ICD.

Table A-10. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014

AGES 1-4 YEARS

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	54	5	100.0
Accidents (unintentional injuries).....(V01-X59,Y85-Y86)	<b>1</b>	14	1	25.9
Congenital malformations, deformations and chromosomal abnormalities.....(Q00-Q99)	<b>2</b>	10	1	18.5
Malignant neoplasms .....	<b>3</b>	5	1	9.3
Assault (homicide).....(*U01-*U02,X85-Y09,Y87.1)	<b>4</b>	4	0	7.4
Diseases of heart.....(I00-I09,I11,I13,I20-I51)	<b>5</b>	3	0	5.6
Septicemia.....(A40-A41)	<b>6</b>	3	0	5.6
Cerebrovascular diseases.....(I60-I69)	<b>7</b>	1	0	1.9
Influenza and pneumonia .....	<b>8</b>	1	0	1.9
Anemias.....(D50-D64)	<b>9</b>	1	0	1.9
Complications of medical and surgical care .....	<b>10</b>	1	0	1.9
Meningococcal infection.....(A39)	<b>11</b>	1	0	1.9
n/a	...	...	...	...
n/a	...	...	...	...
n/a	...	...	...	...
n/a	...	...	...	...

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

\* U01-U03 are terrorism-related codes for mortality. These codes were introduced by the United States, but are not officially part of the ICD.

**Table A-11. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014**

**AGES 5-14 YEARS**

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	64	6	100.0
Accidents (unintentional injuries).....(V01-X59,Y85-Y86)	<b>1</b>	19	2	29.7
Malignant neoplasms.....(C00-C97)	<b>2</b>	8	1	12.5
Assault (homicide).....(*U01-*U02,X85-Y09,Y87.1)	<b>3</b>	6	1	9.4
Congenital malformations, deformations and chromosomal abnormalities.....(Q00-Q99)	<b>4</b>	5	1	7.8
Diseases of heart.....(I00-I09,I11,I13,I20-I51)	<b>5</b>	3	0	4.7
Intentional self-harm (suicide).....(*U03,X60-X84,Y87.0)	<b>6</b>	3	0	4.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior.....(D00-D48)	<b>7</b>	2	0	3.1
Cerebrovascular diseases.....(I60-I69)	<b>8</b>	1	0	1.6
Nephritis, nephrotic syndrome and nephrosis.....(N00-N07,N17-N19,N25-N27)	<b>9</b>	1	0	1.6
Septicemia.....(A40-A41)	<b>10</b>	1	0	1.6
Anemias.....(D50-D64)	<b>11</b>	1	0	1.6
Meningococcal infection.....(A39)	<b>12</b>	1	0	1.6
n/a	...	...	...	...
n/a	...	...	...	...
n/a	...	...	...	...

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

\* U01-U03 are terrorism-related codes for mortality. These codes were introduced by the United States, but are not officially part of the ICD.

**Table A-12. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014  
AGES 15-24 YEARS**

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	318	32	100.0
Assault (homicide).....(*U01-*U02,X85-Y09,Y87.1)	<b>1</b>	107	11	33.6
Accidents (unintentional injuries).....(V01-X59,Y85-Y86)	<b>2</b>	93	9	29.2
Intentional self-harm (suicide).....(*U03,X60-X84,Y87.0)	<b>3</b>	42	4	13.2
Malignant neoplasms.....(C00-C97)	<b>4</b>	20	2	6.3
Diseases of heart.....(I00-I09,I11,I13,I20-I51)	<b>5</b>	10	1	3.1
Cerebrovascular diseases.....(I60-I69)	<b>6</b>	4	0	1.3
Congenital malformations, deformations and chromosomal abnormalities.....(Q00-Q99)	<b>7</b>	4	0	1.3
Chronic lower respiratory diseases.....(J40-J47)	<b>8</b>	3	0	0.9
Human immunodeficiency virus (HIV) disease.....(B20-B24)	<b>9</b>	3	0	0.9
Diabetes mellitus.....(E10-E14)	<b>10</b>	2	0	0.6
Pregnancy, childbirth and the puerperium.....(O00-O99)	<b>11</b>	2	0	0.6
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior.....(D00-D48)	<b>12</b>	1	0	0.3
n/a	...	...	...	...
n/a	...	...	...	...
n/a	...	...	...	...

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

\* U01-U03 are terrorism-related codes for mortality. These codes were introduced by the United States, but are not officially part of the ICD.

**Table A-13. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014  
AGES 25-34 YEARS**

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	578	58	100.0
Accidents (unintentional injuries).....(V01-X59,Y85-Y86)	<b>1</b>	178	18	30.8
Intentional self-harm (suicide).....(*U03,X60-X84,Y87.0)	<b>2</b>	88	9	15.2
Assault (homicide).....(*U01-*U02,X85-Y09,Y87.1)	<b>3</b>	82	8	14.2
Malignant neoplasms .....	<b>4</b>	45	5	7.8
Diseases of heart.....(I00-I09,I11,I13,I20-I51)	<b>5</b>	40	4	6.9
Chronic liver disease and cirrhosis.....(K70,K73-K74)	<b>6</b>	13	1	2.2
Human immunodeficiency virus (HIV) disease.....(B20-B24)	<b>7</b>	11	1	1.9
Cerebrovascular diseases.....(I60-I69)	<b>8</b>	10	1	1.7
Diabetes mellitus.....(E10-E14)	<b>9</b>	8	1	1.4
Chronic lower respiratory diseases.....(J40-J47)	<b>10</b>	7	1	1.2
Septicemia.....(A40-A41)	<b>11</b>	5	1	0.9
Pregnancy, childbirth and the puerperium.....(O00-O99)	<b>12</b>	4	0	0.7
Congenital malformations, deformations and chromosomal abnormalities.....(Q00-Q99)	<b>13</b>	3	0	0.5
Essential (primary) hypertension and hypertensive renal disease.....(I10,I12)	<b>14</b>	2	0	0.3
Influenza and pneumonia.....(J10-J18)	<b>15</b>	2	0	0.3

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

\* U01-U03 are terrorism-related codes for mortality. These codes were introduced by the United States, but are not officially part of the ICD.

**Table A-14. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014  
AGES 35-44 YEARS**

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	953	95	100.0
Accidents (unintentional injuries).....(V01-X59,Y85-Y86)	<b>1</b>	214	21	22.5
Malignant neoplasms.....(C00-C97)	<b>2</b>	132	13	13.9
Diseases of heart.....(I00-I09,I11,I13,I20-I51)	<b>3</b>	125	13	13.1
Intentional self-harm (suicide).....(*U03,X60-X84,Y87.0)	<b>4</b>	84	8	8.8
Chronic liver disease and cirrhosis.....(K70,K73-K74)	<b>5</b>	53	5	5.6
Assault (homicide).....(*U01-*U02,X85-Y09,Y87.1)	<b>6</b>	49	5	5.1
Human immunodeficiency virus (HIV) disease.....(B20-B24)	<b>7</b>	33	3	3.5
Cerebrovascular diseases.....(I60-I69)	<b>8</b>	28	3	2.9
Diabetes mellitus.....(E10-E14)	<b>9</b>	25	3	2.6
Essential (primary) hypertension and hypertensive renal disease.....(I10,I12)	<b>10</b>	10	1	1.0
Influenza and pneumonia.....(J10-J18)	<b>11</b>	10	1	1.0
Chronic lower respiratory diseases.....(J40-J47)	<b>12</b>	9	1	0.9
Septicemia.....(A40-A41)	<b>13</b>	7	1	0.7
Nephritis, nephrotic syndrome and nephrosis.....(N00-N07,N17-N19,N25-N27)	<b>14</b>	5	1	0.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior.....(D00-D48)	<b>15</b>	5	1	0.5

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

\* U01-U03 are terrorism-related codes for mortality. These codes were introduced by the United States, but are not officially part of the ICD.

**Table A-15. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014  
AGES 45-54 YEARS**

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	2,293	229	100.0
Malignant neoplasms ..... (C00-C97)	<b>1</b>	560	56	24.4
Diseases of heart..... (I00-I09,I11,I13,I20-I51)	<b>2</b>	389	39	17.0
Accidents (unintentional injuries).....(V01-X59,Y85-Y86)	<b>3</b>	307	31	13.4
Chronic liver disease and cirrhosis..... (K70,K73-K74)	<b>4</b>	124	12	5.4
Cerebrovascular diseases.....(I60-I69)	<b>5</b>	85	9	3.7
Intentional self-harm (suicide).....(*U03,X60-X84,Y87.0)	<b>6</b>	84	8	3.7
Diabetes mellitus..... (E10-E14)	<b>7</b>	81	8	3.5
Human immunodeficiency virus (HIV) disease..... (B20-B24)	<b>8</b>	60	6	2.6
Chronic lower respiratory diseases..... (J40-J47)	<b>9</b>	46	5	2.0
Viral hepatitis..... (B15-B19)	<b>10</b>	40	4	1.7
Assault (homicide).....(*U01-*U02,X85-Y09,Y87.1)	<b>11</b>	32	3	1.4
Septicemia.....(A40-A41)	<b>12</b>	29	3	1.3
Nephritis, nephrotic syndrome and nephrosis..... (N00-N07,N17-N19,N25-N27)	<b>13</b>	27	3	1.2
Influenza and pneumonia..... (J10-J18)	<b>14</b>	25	3	1.1
Essential (primary) hypertension and hypertensive renal disease..... (I10,I12)	<b>15</b>	17	2	0.7

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

\* U01-U03 are terrorism-related codes for mortality. These codes were introduced by the United States, but are not officially part of the ICD.

**Table A-16. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014  
AGES 55-64 YEARS**

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	3,345	335	100.0
Malignant neoplasms .....(C00-C97)	<b>1</b>	1,154	115	34.5
Diseases of heart.....(I00-I09,I11,I13,I20-I51)	<b>2</b>	503	50	15.0
Accidents (unintentional injuries).....(V01-X59,Y85-Y86)	<b>3</b>	217	22	6.5
Chronic lower respiratory diseases .....(J40-J47)	<b>4</b>	160	16	4.8
Diabetes mellitus.....(E10-E14)	<b>5</b>	145	15	4.3
Chronic liver disease and cirrhosis.....(K70,K73-K74)	<b>6</b>	131	13	3.9
Cerebrovascular diseases.....(I60-I69)	<b>7</b>	105	11	3.1
Intentional self-harm (suicide) .....(*U03,X60-X84,Y87.0)	<b>8</b>	68	7	2.0
Essential (primary) hypertension and hypertensive renal disease .....(I10,I12)	<b>9</b>	64	6	1.9
Nephritis, nephrotic syndrome and nephrosis .....(N00-N07,N17-N19,N25-N27)	<b>10</b>	51	5	1.5
Septicemia.....(A40-A41)	<b>11</b>	47	5	1.4
Human immunodeficiency virus (HIV) disease .....(B20-B24)	<b>12</b>	36	4	1.1
Viral hepatitis .....(B15-B19)	<b>13</b>	36	4	1.1
Influenza and pneumonia .....(J10-J18)	<b>14</b>	21	2	0.6
Aortic aneurysm and dissection.....(I71)	<b>15</b>	15	2	0.4

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

\* U01-U03 are terrorism-related codes for mortality. These codes were introduced by the United States, but are not officially part of the ICD.

**Table A-17. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014  
AGES 65-74 YEARS**

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	3,378	338	100.0
Malignant neoplasms ..... (C00-C97)	<b>1</b>	1,190	119	35.2
Diseases of heart..... (I00-I09,I11,I13,I20-I51)	<b>2</b>	449	45	13.3
Chronic lower respiratory diseases ..... (J40-J47)	<b>3</b>	247	25	7.3
Diabetes mellitus..... (E10-E14)	<b>4</b>	152	15	4.5
Cerebrovascular diseases.....(I60-I69)	<b>5</b>	150	15	4.4
Accidents (unintentional injuries).....(V01-X59,Y85-Y86)	<b>6</b>	102	10	3.0
Nephritis, nephrotic syndrome and nephrosis ..... (N00-N07,N17-N19,N25-N27)	<b>7</b>	95	10	2.8
Essential (primary) hypertension and hypertensive renal disease ..... (I10,I12)	<b>8</b>	95	10	2.8
Chronic liver disease and cirrhosis..... (K70,K73-K74)	<b>9</b>	42	4	1.2
Septicemia.....(A40-A41)	<b>10</b>	41	4	1.2
Alzheimer's disease.....(G30)	<b>11</b>	27	3	0.8
Parkinson's disease ..... (G20-G21)	<b>12</b>	25	3	0.7
Intentional self-harm (suicide) .....(*U03,X60-X84,Y87.0)	<b>13</b>	24	2	0.7
Aortic aneurysm and dissection.....(I71)	<b>14</b>	24	2	0.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior ..... (D00-D48)	<b>15</b>	23	2	0.7

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

\* U01-U03 are terrorism-related codes for mortality. These codes were introduced by the United States, but are not officially part of the ICD.

**Table A-18. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014  
AGES 75-84 YEARS**

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	4,676	468	100.0
Malignant neoplasms ..... (C00-C97)	<b>1</b>	1,225	123	26.2
Diseases of heart ..... (I00-I09,I11,I13,I20-I51)	<b>2</b>	735	74	15.7
Chronic lower respiratory diseases ..... (J40-J47)	<b>3</b>	337	34	7.2
Cerebrovascular diseases ..... (I60-I69)	<b>4</b>	260	26	5.6
Accidents (unintentional injuries) ..... (V01-X59,Y85-Y86)	<b>5</b>	165	17	3.5
Alzheimer's disease ..... (G30)	<b>6</b>	134	13	2.9
Diabetes mellitus ..... (E10-E14)	<b>7</b>	133	13	2.8
Nephritis, nephrotic syndrome and nephrosis ..... (N00-N07,N17-N19,N25-N27)	<b>8</b>	111	11	2.4
Influenza and pneumonia ..... (J10-J18)	<b>9</b>	95	10	2.0
Parkinson's disease ..... (G20-G21)	<b>10</b>	95	10	2.0
Essential (primary) hypertension and hypertensive renal disease ..... (I10,I12)	<b>11</b>	67	7	1.4
Septicemia ..... (A40-A41)	<b>12</b>	65	7	1.4
Aortic aneurysm and dissection ..... (I71)	<b>13</b>	39	4	0.8
Pneumonitis due to solids and liquids ..... (J69)	<b>14</b>	37	4	0.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior ..... (D00-D48)	<b>15</b>	35	4	0.7

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

\* U01-U03 are terrorism-related codes for mortality. These codes were introduced by the United States, but are not officially part of the ICD.

**Table A-19. Deaths and percentage of total deaths for the 15 leading causes of death:  
Minneapolis, 2005-2014  
AGES 85 YEARS AND OVER**

	Rank	Total deaths	10-year avg. annual deaths	Percentage of total deaths
All causes .....	...	7,447	745	100.0
Diseases of heart..... (I00–I09,I11,I13,I20–I51)	<b>1</b>	1,367	137	18.4
Malignant neoplasms..... (C00–C97)	<b>2</b>	893	89	12.0
Cerebrovascular diseases..... (I60–I69)	<b>3</b>	492	49	6.6
Alzheimer’s disease..... (G30)	<b>4</b>	389	39	5.2
Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	<b>5</b>	331	33	4.4
Chronic lower respiratory diseases..... (J40–J47)	<b>6</b>	297	30	4.0
Influenza and pneumonia..... (J10–J18)	<b>7</b>	186	19	2.5
Nephritis, nephrotic syndrome and nephrosis..... (N00–N07,N17–N19,N25–N27)	<b>8</b>	183	18	2.5
Essential (primary) hypertension and hypertensive renal disease..... (I10,I12)	<b>9</b>	137	14	1.8
Diabetes mellitus..... (E10–E14)	<b>10</b>	121	12	1.6
Parkinson’s disease..... (G20–G21)	<b>11</b>	111	11	1.5
Pneumonitis due to solids and liquids..... (J69)	<b>12</b>	70	7	0.9
Septicemia..... (A40–A41)	<b>13</b>	60	6	0.8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior..... (D00–D48)	<b>14</b>	44	4	0.6
Aortic aneurysm and dissection..... (I71)	<b>15</b>	29	3	0.4

Source: Minneapolis Health Department (*analysis*); Minnesota Department of Health (*vital statistics data*)

\* U01-U03 are terrorism-related codes for mortality. These codes were introduced by the United States, but are not officially part of the ICD.