

2016 Minnesota Health Statistics

ANNUAL SUMMARY

2016 MN Health Statistics Annual Summary

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Overview

Overview of 2016 - Table 1. Percent change between 2015 AND 2016, selected Minnesota Health Statistics.

Category	2016	2015	Percent Change
Total Population	5,528,630	5,489,594	0.7%
Population of Women 15-44	1,054,178	1,054,063	0.0%
Live Births	69,746	69,835	-0.1%
Birth Rate ¹	12.6	12.7	-0.8%
Fertility Rate	66.2	66.3	-0.2%
White Births ²	51,805	52,095	-0.6%
African American Births ²	8,460	8,111	4.3%
American Indian Births ²	1,354	1,327	2.0%
Asian & Pacific Islander Births ²	5,594	5,528	1.2%
Latino/Hispanic Births ²	4,861	4,831	0.6%
Births to Unmarried Mothers (%)	32.3%	32.2%	0.3%
Prenatal Care - Third Trimester or None	3.5%	3.4%	2.9%
Infants of Less Than 2,500 Grams (Low birthweight)	6.6%	6.4%	3.1%
Infants of Less Than 37 Weeks Gestation (Premature) ³	8.8%	8.4%	4.8%
Fetal Deaths ⁵	420	390	7.7%
Infant Deaths (Infants aged < 1 year)	357	361	-1.1%
Neonatal Deaths (Infants aged < 28 days)	242	262	-7.6%
Postneonatal Deaths (Infants aged 28 days to < 1 year)	115	99	16.2%
Death Rate ¹	7.8	7.8	-0.2%
Infant Mortality Rate ⁴	5.1	5.2	-1.0%
Neonatal Mortality Rate ⁴	3.5	3.8	-7.5%
Postneonatal Mortality Rate ⁴	1.6	1.4	16.3%
All Deaths	43,050	42,652	0.9%
Cancer Deaths (Malignant Neoplasms)	9,845	9,878	-0.3%
Heart Disease Deaths	7,823	7,797	0.3%
Stroke Deaths (Cerebrovascular Diseases)	2,197	2,228	-1.4%
Unintentional Injury Deaths	2,661	2,572	3.5%
Suicide Deaths (Intentional Self-harm)	745	726	2.6%

¹Rates are per 1,000 population

²Race/Ethnicity of Mother – Race categories include persons of both Hispanic and non-Hispanic origin; Latino/Hispanic births include persons of any race.

³Based on Clinical Estimate of Gestation, all births.

⁴Rates are per 1,000 live births.

⁵Includes 20+weeks gestation only.

Overview of 2016 – Table 2. Resident Live Births, Crude Birth Rates¹, Fertility Rates², Minnesota and United States, 1940, 1945, 1950, 1955, 1960, 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000 -2016.

Year	Live Births		Crude Birth Rate ¹		Fertility Rate ²	
	Minnesota	U.S.	Minnesota	U.S.	Minnesota	U.S.
1940	52,915	2,559,000	19.0	19.4	81.0	79.9
1945	54,656	2,858,000	20.9	20.4	85.1	85.9
1950	75,078	3,632,000	25.2	24.1	119.1	106.2
1955	81,532	4,097,000	25.7	25.0	130.1	118.3
1960	87,523	4,257,850	25.6	23.7	136.0	118.0
1965	70,810	3,760,358	19.7	19.4	105.9	96.3
1970	68,449	3,731,386	18.0	18.4	88.4	89.7
1975	56,463	3,144,198	14.4	14.6	65.4	66.0
1980	67,843	3,612,258	16.6	15.9	70.8	68.4
1985	67,412	3,760,561	16.1	15.8	68.0	66.2
1990	67,985	4,158,212	15.5	16.7	66.3	70.9
1995	63,259	3,899,589	13.7	14.7	60.1	65.6
2000	67,451	4,058,814	13.7	14.7	62.3	67.5
2001	66,617	4,025,933	13.4	14.5	60.9	66.9
2002	68,037	4,021,726	13.6	13.9	62.0	64.8
2003	70,053	4,089,950	13.9	14.1	64.1	66.1
2004	70,614	4,112,052	13.8	14.0	64.5	66.3
2005	70,920	4,140,419	13.8	14.0	64.9	66.7
2006	73,515	4,265,555	14.2	14.2	68.6	68.5
2007	73,675	4,316,233	14.2	14.3	69.6	69.5
2008	72,382	4,251,095	13.9	13.9	69.0	68.4
2009	70,617	4,130,665	13.4	13.5	67.5	66.7
2010	68,407	3,999,386	12.9	13.0	65.4	64.1
2011	68,416	3,953,593	12.8	12.7	65.5	63.2
2012	68,783	3,952,841	12.8	12.6	65.7	63.0
2013	69,183	3,932,181	12.8	12.4	65.9	62.5
2014	69,916	3,988,076	12.8	12.5	66.4	62.9
2015	69,835	3,978,497	12.7	12.4	66.3	62.5
2016	69,746	3,941,109	12.6	12.2	66.2	62.0

¹Live Births per 1,000 Population

²Live Births per 1,000 Female Population Ages 15-44

2016 Minnesota Health Statistics

Overview of 2016 - Table 3. Numbers and Rates of Resident Deaths, Infant and Neonatal Deaths; 1940, 1945, 1950, 1955, 1960, 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000 -2016.

Year	Deaths				Infant Deaths				Neonatal Deaths			
	Minnesota		United States		Minnesota		United States		Minnesota		United States	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ²	Number	Rate ²	Number	Rate ³	Number	Rate ³
1940	26,354	9.4	1,417,269	10.8	1,772	33.3	110,984	47.0	1,246	23.4	67,866	28.8
1945	26,763	10.2	1,401,719	10.6	1,698	31.1	104,684	38.3	1,226	22.6	66,593	24.3
1950	27,897	9.4	1,452,454	9.6	1,876	25.0	103,825	29.2	1,430	19.0	72,855	20.5
1955	28,574	9.0	1,528,717	9.3	1,779	21.8	106,903	26.4	1,386	17.0	77,351	19.1
1960	31,596	9.3	1,711,982	9.5	1,881	21.5	110,873	26.0	1,397	16.0	79,733	18.7
1965	32,477	9.0	1,828,136	9.4	1,432	20.2	92,866	24.7	1,075	15.2	66,419	17.7
1970	33,919	8.9	1,921,031	9.5	1,203	17.6	74,667	20.0	944	13.8	56,279	15.1
1975	32,686	8.3	1,892,879	8.8	771	13.7	50,525	16.1	582	10.3	36,416	11.6
1980	33,415	8.2	1,989,841	8.8	679	10.0	45,526	12.6	421	6.2	30,618	8.5
1985	34,793	8.3	2,086,440	8.7	591	8.8	40,030	10.6	364	5.4	26,179	7.0
1990	34,739	7.9	2,148,463	8.6	796	7.3	38,100	9.2	295	4.3	24,309	5.8
1995	37,427	8.1	2,312,132	8.8	427	6.8	29,583	7.6	255	4.0	19,155	4.9
2000	37,595	7.6	2,403,351	8.7	377	5.6	28,035	6.9	252	3.7	18,776	4.6
2001	37,505	7.5	2,416,425	8.5	358	5.4	27,568	6.8	233	3.5	18,265	4.5
2002	38,437	7.7	2,443,387	8.5	362	5.3	28,034	7.0	240	3.5	18,747	4.7
2003	37,603	7.4	2,448,288	8.4	327	4.7	28,025	6.9	218	3.1	18,893	4.6
2004	37,012	7.3	2,397,615	8.2	332	4.7	27,936	6.8	229	3.2	18,593	4.5
2005	37,498	7.3	2,447,903	8.0	363	5.1	28,534	6.9	232	3.3	18,834	4.6
2006	36,963	7.2	2,426,264	8.1	381	5.2	28,527	6.7	243	3.3	18,989	4.5
2007	37,086	7.1	2,423,712	8.0	407	5.5	29,138	6.8	278	3.8	19,058	4.4
2008	38,431	7.4	2,471,984	8.1	433	6.0	28,059	6.6	275	3.8	18,211	4.3
2009	37,801	7.2	2,437,163	7.9	324	4.5	26,412	6.4	188	2.7	17,255	4.2
2010	38,857	7.3	2,468,435	8.0	309	4.5	24,586	6.2	210	3.1	16,188	4.1
2011	39,799	7.4	2,515,458	8.1	339	5.0	23,985	6.1	224	3.3	15,954	4.0
2012	40,020	7.4	2,543,279	8.1	347	5.0	23,629	6.0	249	3.6	15,850	4.0
2013	40,981	7.6	2,596,993	8.2	349	5.0	23,440	6.0	248	3.6	15,867	4.0
2014	41,271	7.6	2,626,418	8.2	352	5.0	23,215	5.8	233	3.3	15,720	3.9
2015	42,652	7.8	2,712,630	8.2	361	5.2	23,455	5.9	262	3.8	n.a.	3.9
2016	43,050	7.8	n.a.	n.a.	357	5.1	n.a.	n.a.	242	3.5	n.a.	n.a.

¹Deaths per 1,000 Population

²Infant Deaths per 1,000 Live Births

³Neonatal Deaths per 1,000 Live Births

Overview of 2016 - Table 4. Live Births, Deaths, Fetal Deaths, Infant Deaths by Urban Area¹ of Residence, Minnesota, 2016.

URBAN AREA	Live Births	Total Deaths	Fetal Deaths²	Infant Deaths	Neonatal Deaths
Afton	30	20	0	0	0
Albany	39	45	0	0	0
Albert Lea	226	267	1	2	1
Albertville	109	41	1	0	0
Alexandria	201	215	1	1	1
Andover	319	158	0	2	1
Annandale	38	38	0	0	0
Anoka	218	158	1	3	2
Apple Valley	639	310	4	4	2
Arden Hills	83	133	0	0	0
Austin	349	286	2	0	0
Barnesville	36	28	0	0	0
Baxter	88	76	0	0	0
Bayport	25	37	0	0	0
Becker	78	21	0	0	0
Belle Plaine	120	75	0	0	0
Bemidji	237	188	0	4	2
Benson	39	48	0	0	0
Big Lake	215	56	2	0	0
Blaine	887	333	3	3	3
Bloomington	1,035	887	8	5	4
Blue Earth	42	67	0	0	0
Brainerd	287	192	2	1	1
Breckenridge	48	55	0	1	1
Brooklyn Center	615	233	0	2	2
Brooklyn Park	1,350	430	13	14	11
Buffalo	212	160	0	1	1
Burnsville	1,013	429	5	5	4
Byron	76	20	1	0	0
Caledonia	36	33	0	0	0
Cambridge	106	117	0	2	2
Cannon Falls	46	41	1	0	0
Carver	57	8	1	0	0
Centerville	54	15	0	0	0
Champlin	289	112	2	0	0
Chanhassen	225	93	0	1	1
Chaska	356	125	0	2	2
Chatfield	31	37	0	0	0
Chisago City	68	78	1	0	0
Chisholm	49	58	0	0	0
Circle Pines	64	33	0	0	0
Cloquet	163	152	3	2	2
Cohasset	25	26	0	0	0
Cokato	45	39	1	0	0
Cold Spring	51	60	1	0	0

Overview of 2016 - Table 4. Live Births, Deaths, Fetal Deaths, Infant Deaths by Urban Area¹ of Residence, Minnesota, 2016.

URBAN AREA	Live Births	Total Deaths	Fetal Deaths²	Infant Deaths	Neonatal Deaths
Columbia Heights	300	211	2	1	0
Columbus	27	20	0	0	0
Coon Rapids	793	475	3	6	4
Corcoran	39	24	0	1	1
Cottage Grove	497	201	2	2	0
Crookston	112	100	0	0	0
Crystal	345	186	0	1	0
Dayton	51	15	0	1	1
Deephaven	17	30	0	0	0
Delano	78	42	0	0	0
Detroit Lakes	124	127	2	1	1
Dilworth	65	35	0	0	0
Dodge Center	44	31	0	0	0
Duluth	1,012	840	9	6	2
Eagan	840	323	4	2	1
East Bethel	143	49	0	0	0
East Grand Forks	164	71	0	3	2
Eden Prairie	755	305	6	5	5
Edina	461	491	2	2	0
Elk River	314	141	2	0	0
Elko New Market	93	8	1	0	0
Ely	32	59	1	0	0
Eveleth	37	54	1	1	1
Fairmont	141	144	0	0	0
Falcon Heights	68	22	1	1	1
Faribault	352	214	5	4	3
Farmington	469	73	1	2	1
Fergus Falls	195	267	2	2	1
Foley	32	33	0	0	0
Forest Lake	217	112	2	0	0
Fridley	416	212	1	3	1
Glencoe	84	59	0	0	0
Glenwood	39	54	0	0	0
Golden Valley	249	201	2	0	0
Goodview	41	20	0	0	0
Grand Rapids	138	186	0	0	0
Granite Falls	38	43	0	0	0
Grant	19	21	0	0	0
Greenfield	17	7	0	0	0
Ham Lake	150	59	0	1	1
Hanover	51	3	0	0	0
Hastings	232	239	3	0	0
Hermantown	69	110	1	0	0
Hibbing	186	188	2	0	0
Hopkins	315	212	3	2	1

Overview of 2016 - Table 4. Live Births, Deaths, Fetal Deaths, Infant Deaths by Urban Area¹ of Residence, Minnesota, 2016.

URBAN AREA	Live Births	Total Deaths	Fetal Deaths²	Infant Deaths	Neonatal Deaths
Hugo	189	84	1	1	0
Hutchinson	186	161	1	1	1
Independence	20	13	1	0	0
International Falls	60	86	1	0	0
Inver Grove Heights	370	262	1	3	2
Isanti	108	36	0	0	0
Jackson	46	42	0	2	0
Jordan	101	33	2	0	0
Kasson	104	32	0	0	0
La Crescent	42	37	0	0	0
Lake City	41	75	0	0	0
Lake Crystal	85	29	0	0	0
Lake Elmo	631	33	1	0	0
Lakeville	60	227	3	1	1
Le Sueur	72	47	0	0	0
Lindstrom	197	33	0	0	0
Lino Lakes	61	91	0	0	0
Litchfield	138	79	0	0	0
Little Canada	122	79	0	0	0
Little Falls	56	127	1	1	1
Long Prairie	111	44	0	0	0
Lonsdale	67	20	0	2	2
Luverne	67	73	0	0	0
Mahtomedi	64	90	0	0	0
Mankato	496	331	2	6	4
Maple Grove	809	308	3	2	1
Maplewood	488	401	0	1	1
Marshall	229	111	1	1	0
Medina	43	15	0	0	0
Mendota Heights	87	81	0	0	0
Milaca	38	62	0	0	0
Minneapolis	6,085	2,350	41	39	25
Minnetonka	486	419	2	2	1
Minnetrissa	59	14	0	0	0
Montevideo	63	79	0	1	0
Montgomery	51	23	1	0	0
Monticello	208	100	4	1	1
Montrose	76	13	0	0	0
Moorhead	665	320	0	3	2
Moose Lake	14	36	0	1	1
Mora	39	79	0	2	2
Morris	47	50	1	0	0
Mound	110	71	0	0	0
Mounds View	190	88	2	3	2
Mountain Iron	33	26	0	0	0

Overview of 2016 - Table 4. Live Births, Deaths, Fetal Deaths, Infant Deaths by Urban Area¹ of Residence, Minnesota, 2016.

URBAN AREA	Live Births	Total Deaths	Fetal Deaths²	Infant Deaths	Neonatal Deaths
New Brighton	290	199	0	0	0
New Hope	296	327	3	2	2
New Prague	95	70	2	0	0
New Ulm	145	140	0	0	0
Newport	44	21	0	1	1
North Branch	150	87	0	1	1
North Mankato	195	99	0	0	0
North Oaks	28	71	0	0	0
North St Paul	165	102	4	1	0
Northfield	171	168	1	1	0
Norwood Young America	56	23	0	1	1
Nowthen	34	10	1	0	0
Oak Grove	92	35	0	0	0
Oak Park Heights	45	146	0	0	0
Oakdale	354	187	0	1	1
Orono	45	38	0	0	0
Otsego	290	52	1	1	1
Owatonna	316	221	3	1	1
Park Rapids	49	81	0	0	0
Perham	57	52	0	0	0
Pine City	32	50	2	1	1
Pine Island	59	32	1	0	0
Pipestone	56	70	0	0	0
Plainview	52	41	0	1	0
Plymouth	934	436	2	3	2
Princeton	63	91	1	0	0
Prior Lake	282	150	1	2	0
Proctor	38	43	0	0	0
Ramsey	302	99	3	0	0
Red Wing	182	196	0	0	0
Redwood Falls	65	79	0	0	0
Rice Lake	2	0	0	0	0
Richfield	550	292	5	2	0
Robbinsdale	196	159	1	1	1
Rochester	1,783	875	7	5	3
Rockford	73	17	0	0	0
Rogers	180	80	0	2	1
Roseau	40	54	0	1	1
Rosemount	325	88	1	0	0
Roseville	421	392	3	0	0
Rush City	33	27	0	0	0
Saint Anthony	84	118	1	0	0
Saint Augusta city	27	18	0	0	0
Saint Charles	46	37	0	0	0
Saint Cloud	1,011	487	11	5	1

Overview of 2016 - Table 4. Live Births, Deaths, Fetal Deaths, Infant Deaths by Urban Area¹ of Residence, Minnesota, 2016.

URBAN AREA	Live Births	Total Deaths	Fetal Deaths²	Infant Deaths	Neonatal Deaths
Saint Francis	115	38	0	0	0
Saint James	69	44	0	0	0
Saint Joseph	90	21	4	0	0
Saint Louis Park	668	437	3	3	3
Saint Michael	205	85	0	2	2
Saint Paul	5,055	1,999	25	30	24
Saint Paul Park	66	34	1	0	0
Saint Peter	104	90	0	0	0
Sandstone	10	17	0	0	0
Sartell	240	162	1	0	0
Sauk Centre	62	68	0	0	0
Sauk Rapids	217	135	2	0	0
Savage	422	88	3	1	1
Scandia	30	25	0	1	1
Shakopee	664	231	6	5	4
Shoreview	265	181	2	2	1
Shorewood	30	33	0	0	0
Sleepy Eye	51	53	0	0	0
South St Paul	289	149	3	2	0
Spring Lake Park	79	56	0	0	0
Staples	38	64	0	0	0
Stewartville	91	61	1	0	0
Stillwater	222	167	1	2	1
Thief River Falls	125	99	0	0	0
Two Harbors	53	59	0	0	0
Vadnais Heights	130	78	0	0	0
Victoria	99	36	0	1	1
Virginia	97	141	0	0	0
Wabasha	17	50	0	0	0
Waconia	162	112	2	1	1
Wadena	58	51	1	2	2
Waite Park	165	85	1	2	1
Waseca	102	89	1	1	0
Watertown	79	44	0	0	0
Wayzata	101	86	1	2	0
West St Paul	273	247	5	0	0
White Bear Lake	315	246	1	5	5
Willmar	352	222	2	3	1
Windom	64	60	2	0	0
Winona	228	284	1	1	0
Woodbury	844	339	0	4	4
Worthington	290	102	0	1	0
Wyoming	73	43	1	1	1
Zimmerman	84	14	0	1	1
Zumbrota	48	37	0	0	0

¹Municipalities with a population of 2,500 or more as of the 2010 Census²Fetal deaths of less than 20 weeks gestation are not included in the counts.

Births

2016 Minnesota Health Statistics

Live Births - Table 1. Live Births by County of Occurrence Distributed by Residence (n=68,833); Resident Live Births Distributed by County of Birth (n=69,746)

County	Number of Births Occurring in EACH County				Number of Births to Residents Residing in County		
	Total	County Residents	Other Minnesota Residents	Out of State Residents	Outside County of Residence		Total
					Within Minnesota	Outside Minnesota	
State Total	68,833	43,068	24,101	1,664	24,101	2,577	69,746
Aitkin	73	56	16	1	68	0	124
Anoka	3,149	1,992	1,149	8	2,266	11	4,269
Becker	555	328	225	2	66	54	448
Beltrami	948	635	311	2	30	17	682
Benton	10	10	0	0	602	0	612
Big Stone	90	35	22	33	12	8	55
Blue Earth	1,478	689	782	7	55	3	747
Brown	358	216	141	1	60	3	279
Carlton	195	98	96	1	250	0	348
Carver	1,332	648	684	0	529	3	1,180
Cass	6	6	0	0	306	6	318
Chippewa	101	66	35	0	79	0	145
Chisago	661	295	359	7	212	70	577
Clay	4	4	0	0	22	891	917
Clearwater	10	10	0	0	104	3	117
Cook	3	3	0	0	45	0	48
Cottonwood	95	74	21	0	46	12	132
Crow Wing	736	508	224	4	188	3	699
Dakota	3,228	2,144	1,050	34	3,132	25	5,301
Dodge	0	0	0	0	0	0	0
Douglas	667	383	282	2	47	2	434
Faribault	71	56	10	5	104	1	162
Fillmore	34	33	1	0	190	58	272
Freeborn	359	258	67	34	61	9	328
Goodhue	332	214	69	49	280	5	496
Grant	1	1	0	0	71	2	72
Hennepin	21,693	14,719	6,870	104	1,725	72	16,485
<i>Minneapolis</i>	9,811	3,942	5,792	77	2,122	21	6,085
Houston	2	2	0	0	8	177	187
Hubbard	100	66	33	1	131	9	206
Isanti	359	187	171	1	255	2	444
Itasca	400	355	45	0	96	2	453
Jackson	5	2	2	1	87	23	112
Kanabec	163	78	85	0	87	1	166
Kandiyohi	751	510	239	2	61	0	571
Kittson	2	2	0	0	19	14	35
Koochiching	66	60	5	1	40	2	102
Lac Qui Parle	5	5	0	0	50	14	69
Lake	8	6	2	0	97	0	103
Lake of the Woods	0	0	0	0	39	3	42
Le Sueur	3	2	1	0	324	0	326
Lincoln	0	0	0	0	31	36	67
Lyon	514	319	195	0	15	46	380
McLeod	460	312	148	0	132	0	444
Mahnomen	2	2	0	0	100	12	114
Marshall	2	2	0	0	42	62	106
Martin	234	164	40	30	56	6	226
Meeker	168	136	32	0	143	0	279
Mille Lacs	36	17	19	0	319	3	339
Morrison	179	145	34	0	278	0	423
Mower	387	339	31	17	157	3	499
Murray	1	1	0	0	78	25	104

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Live Births - Table 1. Live Births by County of Occurrence Distributed by Residence (n=68,833); Resident Live Births Distributed by County of Birth (n=69,746)

County	Number of Births Occurring in EACH County				Number of Births to Residents Residing in County			Total
	Total	County Residents	Other Minnesota Residents	Out of State Residents	Outside County of Residence			
					Within Minnesota	Outside Minnesota		
Nicollet	43	8	34	1	365	0	373	
Nobles	455	312	120	23	19	51	382	
Norman	2	2	0	0	8	64	74	
Olmsted	3,346	2,083	1,138	125	22	8	2,113	
Otter Tail	488	413	70	5	236	68	717	
Pennington	260	143	112	5	8	18	169	
Pine	2	2	0	0	253	4	259	
Pipestone	84	60	19	5	22	36	118	
Polk	193	129	64	0	29	290	448	
Pope	67	45	22	0	73	0	118	
Ramsey	9,706	5,412	4,090	204	2,292	27	7,731	
<i>St. Paul</i>	<i>7,000</i>	<i>2,774</i>	<i>4,051</i>	<i>175</i>	<i>2,267</i>	<i>14</i>	<i>5,055</i>	
Red Lake	3	3	0	0	29	10	42	
Redwood	87	69	18	0	121	7	197	
Renville	60	49	10	1	151	1	201	
Rice	400	330	70	0	477	5	812	
Rock	80	35	35	10	4	75	114	
Roseau	183	146	31	6	25	9	180	
St. Louis	2,984	1,943	530	511	49	4	1,996	
<i>Duluth</i>	<i>2,395</i>	<i>990</i>	<i>894</i>	<i>511</i>	<i>20</i>	<i>2</i>	<i>1,012</i>	
Scott	1,423	882	536	5	1,007	2	1,891	
Sherburne	440	170	270	0	1,021	1	1,192	
Sibley	3	3	0	0	162	1	166	
Stearns	3,272	1,870	1,397	5	150	1	2,021	
Steele	482	326	156	0	94	2	422	
Stevens	90	67	23	0	33	1	101	
Swift	0	0	0	0	108	1	109	
Todd	606	215	391	0	131	0	346	
Traverse	0	0	0	0	24	9	33	
Wabasha	1	0	0	1	230	4	234	
Wadena	155	72	83	0	111	1	184	
Waseca	0	0	0	0	200	1	201	
Washington	2,472	1,101	1,093	278	1,729	37	2,867	
Watowan	2	2	0	0	153	1	156	
Wilkin	134	33	11	90	9	46	88	
Winona	339	272	29	38	106	108	486	
Wright	893	655	236	2	1,126	4	1,785	
Yellow Medicine	36	21	15	0	76	24	121	
Unknown	4	0	2	2	5	0	5	

Live Births - Table 2. Live Births by Race/Ethnicity and Educational Attainment, MN Residents Ages 25 and Older (n=57,213)

<i>Total births in each group</i> Educational Attainment	White		African American		American Indian		Asian/Pacific Islander		Other/Unknown Race		Hispanic/Latino¹	
	#	%	#	%	#	%	#	%	#	%	#	%
	43,702		6,346		802		4,520		1,843		3,293	
< High School	1,330	3%	1,710	27%	158	20%	582	13%	757	41%	1,298	39%
HS Diploma/ GED	4,452	10%	1,438	23%	299	37%	666	15%	310	17%	719	22%
Some College, No degree	6,910	16%	1,375	22%	174	22%	610	13%	184	10%	484	15%
Associate Degree	6,790	16%	630	10%	78	10%	468	10%	93	5%	225	7%
Bachelor's Degree	15,864	36%	688	11%	47	6%	1,250	28%	120	7%	354	11%
Graduate or Professional Degree	8,116	19%	292	5%	27	3%	892	20%	58	3%	162	5%
Unknown	240	1%	213	3%	19	2%	52	1%	321	17%	51	2%

¹Persons of Hispanic origin may be of any race.

Live Births - Table 3. Live Births by Race and Hispanic Origin of Mother, MN Residents, 2016 (n=69,746)

	Total	Not Hispanic	Hispanic	Unknown Ethnicity
Total	69,746	64,457	4,861	428
White	51,805	49,233	2,492	80
African American	8,460	8326	124	10
American Indian	1354	1244	105	5
Asian/Pacific Islander	5,594	5,551	41	2
Other Race	2,135	62	2,068	5
Unknown Race	398	41	31	326

Live Births - Table 4. Live Births by Age, Race, and Hispanic Origin of Mother, MN Residents, 2016 (n=69,746)

	Total	White	African American	American Indian	Asian/ Pacific Islander	Other/ Unknown	Hispanic ¹
Age of Mother	69,746	51,805	8,460	1,354	5,594	2,533	4,861
<15	15	6	3	1	1	4	4
15-17	512	275	101	50	39	47	121
18-19	1,689	1,011	305	104	134	135	295
Teen Mom Total	2,216	1,292	409	155	174	186	420
20-24	10,317	6,811	1,705	397	900	504	1,148
25-29	21,314	16,024	2,558	398	1,657	677	1,369
30-34	23,606	18,520	2,334	266	1,832	654	1,141
35-39	10,366	7,874	1,127	115	844	406	628
40-44	1,771	1,197	274	23	173	104	146
45+	156	87	53	0	14	2	9

¹Persons of Hispanic origin may be of any race.

Live Births - Table 5. Number of Race and Hispanic Checkboxes Selected by MN Resident Women Who Gave Birth in 2016.

Check boxes on the birth certificate worksheet	Number that selected¹ each checkbox
RACE	
White	52,523
African American	5,427
Somali	2,620
Ethiopian	641
Liberian	365
Kenyan	230
Sudanese	61
Nigerian	197
Ghanian	68
Other African	445
American Indian	1,448
Asian Indian	974
Chinese	402
Filipino	250
Japanese	95
Korean	303
Vietnamese	331
Hmong	2,210
Cambodian	215
Laotian	196
Other Asian	811
Hawaiian	26
Guamanian/Chamorro	7
Samoan	5
Other Pacific Islander	58
Other Race	2,875
Hispanic/Latino	
Mexican	3,342
Cuban	58
Puerto Rican	188
Other Spanish	1,340
Not Hispanic/Latino	64,457
Unknown/Nothing Selected	428

¹More than one category may be selected, thus counts sum to more than the Minnesota resident birth total of 69,746

Note: Categories correspond to those listed on the birth certificate worksheet. Counts are the number of records on which that checkbox was indicated. Race(s) chosen do not necessarily correspond to birth country of mother.

**Live Births - Table 6. Live Births by Birth Country¹ of
Mother, MN Residents, 2016 (n=69,746)**

Birth Country	# of Births
United States	56,337
Foreign-Born	13,409
Somalia	2,549
Mexico	1,752
Thailand	905
India	802
Ethiopia	791
Laos	491
Liberia	396
Kenya	329
Burma	289
Guatemala	284
China	270
Vietnam	264
El Salvador	222
Ecuador	205
Nigeria	203
Canada	199
South Korea	199
Philippines	194
Germany	162
Russia	142
Honduras	136
Cambodia	121
Ukraine	112
Cameroon	90
Iraq	80
Saudi Arabia	77
Ghana	68
Colombia	68
Korea, South	62
Nepal	61

¹The list represents the top 31 countries.

Live Births Table 7a. Smoking Before and During Pregnancy, MN Residents, 2016 (n=69,746)

		Cigarettes per Day					Not
		1-5	6-10	11-15	16-20	21+	Specified
Smoked	8,199						
3 months prior	8,010	2,440	2,975	409	1,367	239	580
1st trimester	6,455	2,361	2,521	290	706	98	479
2nd trimester	5,674	2,244	2,241	212	451	50	476
3rd trimester	5,462	2,403	1,972	166	397	56	468
Did not smoke	61,295						
Unknown	252						

Live Births Table 7b. Smoking by Age of Mother¹, MN Residents, 2016 (n=7,430)

	Total		Age of Mother											
			< 20		20-24		25-29		30-34		35-39		40+	
			#	%	#	%	#	%	#	%	#	%	#	%
Smoked 3 Months Prior	7,430		444		1,999		2,499		1,728		663		97	
Quit Prior to Pregnancy²	1,439	19%	82	18%	376	19%	462	18%	377	22%	127	19%	15	15%
Quit During Pregnancy³	1,052	14%	84	19%	322	16%	344	14%	210	12%	77	12%	15	15%

¹Table includes only mothers for whom # of cigarettes smoked each trimester was reported.

²Smoked 3 mths prior, but not during pregnancy

³Smoked 3 mths prior and during 1st and/or 2nd trimester, but not 3rd. (Definitions per National Center for Health Statistics)

Live Births Table 8a. Selected Birth Outcomes by Pre-pregnancy BMI¹ of Mother, MN Residents, 2016 (n=69,746)

	Total		Maternal Diabetes				Maternal Hypertension	
			Pre-Existing		Gestational		Count	Row % ²
	Count	% of Births	Count	Row % ²	Count	Row % ²		
Pre-Pregnancy BMI Range								
Underweight (BMI < 19.0)	2,467	3.5	6	0%	84	3.4%	7	0%
Acceptable (BMI 19.0 - 24.9)	28,294	40.6	95	0%	1,031	3.6%	117	0%
Overweight (BMI 25.0 - 29.9)	18,968	27.2	147	1%	1,319	7.0%	162	1%
Obese (BMI 30.0 - 40.9)	15,294	21.9	241	2%	1,735	11.3%	363	2%
Morbidly Obese (BMI > 40.9)	2,732	3.9	88	3%	476	17.4%	165	6%
Height and/or weight not reported	1,991	2.9	-	-	-	-	-	-
Total Resident Births	69,746	100.0	577	1%	4,645	6.7%	814	1%

Live Births Table 8b. Selected Birth Outcomes by Pre-pregnancy BMI¹ of Mother, MN Residents, 2016 (n=69,746)

	Total		Eclampsia		Birthweight < 2500 grams		C-Section Delivery	
			Count	Row % ²	Count	Row % ²	Count	Row % ²
	Count	% of Births						
Pre-Pregnancy BMI Range								
Underweight (BMI < 19.0)	2,467	3.5	1	0.0%	192	7.8%	434	18%
Acceptable (BMI 19.0 - 24.9)	28,294	40.6	33	0.1%	1,745	6.2%	5,855	21%
Overweight (BMI 25.0 - 29.9)	18,968	27.2	21	0.1%	1,111	5.9%	5,086	27%
Obese (BMI 30.0 - 40.9)	15,294	21.9	39	0.3%	1,000	6.5%	5,408	35%
Morbidly Obese (BMI > 40.9)	2,732	3.9	6	0.2%	192	7.0%	1,305	48%
Height and/or weight not reported	1,991	2.9	-	-	-	-	-	-
Total Resident Births	69,746	100.0	100	0.1%	4,240	6%	18,088	26%

¹BMI (body mass index) is weight in pounds divided by height in inches squared times 703.

²Percent of births in given BMI range

Live Births Table 9. Pregnancies Resulting from Infertility Treatments, MN Residents, 2016 (n=68,527)

	Total	Birth Purity			
		Single	Twin	Triplet	Quad ²
Pregnancies¹					
Total pregnancies	68,527	67,293	1,217	16	1
# resulting from infertility treatments	1,221	994	221	6	-
% resulting from infertility treatments	2%	1%	18%	38%	-
Age of Mother					
<20 years	0	0	0	0	0
20-24 years	23	22	1	0	0
25-29 years	212	179	29	3	1
30-34 years	491	397	91	3	0
35-39 years	340	267	73	0	0
40-44 years	120	101	19	0	0
45+ years	36	28	8	0	0
Treatment Type					
Drugs/Artificial Insemination Only	550	488	59	3	-
Assisted Reproductive Technologies Only	629	472	154	3	-
Both Methods	22	17	5	0	-
Method Not Specified	20	17	3	0	-

¹ Number of pregnancies, not number of births. Each mother is counted only once regardless of the plurality count of the pregnancy.

² Due to the small number of quad pregnancies, private medical data are not presented for these births.

Fertility

Fertility Table 1. Total Reported Pregnancies by Pregnancy Outcome, Pregnancy Rate, and Fertility Rate, MN Residents, 1986 - 2016.

Year	Total Reported Pregnancies ¹	Live Births	Induced Abortions	Fetal Deaths ²	Female Population Ages 15-44	Pregnancy Rate ³	Fertility Rate ⁴
1986	81,882	65,766	15,716	400	997,501	82.1	65.9
1987	81,318	65,168	15,746	404	1,004,801	80.9	64.9
1988	83,335	66,745	16,124	466	1,020,209	81.7	65.4
1989	83,426	67,490	15,506	430	1,024,576	81.4	65.9
1990	83,714	67,985	15,280	449	1,025,919	81.6	66.3
1991	81,904	67,037	14,441	426	1,036,146	79.0	64.7
1992	79,844	65,591	13,846	407	1,049,175	76.1	62.5
1993	77,939	64,646	12,955	338	1,060,396	73.5	61.0
1994	78,344	64,277	13,702	365	1,073,649	73.0	59.9
1995	76,338	63,259	12,715	364	1,053,136	72.5	60.1
1996	76,909	63,681	12,876	352	1,066,220	72.1	59.7
1997	77,850	64,491	12,997	362	1,050,544	74.1	61.4
1998	78,646	65,207	13,050	389	1,054,458	74.6	61.8
1999	79,374	65,953	13,037	384	1,054,543	75.3	62.5
2000	81,039	67,451	13,200	388	1,082,642	74.9	62.3
2001	80,407	66,617	13,448	342	1,093,734	73.5	60.9
2002	81,284	68,037	12,902	345	1,096,832	74.1	62.0
2003	83,300	70,053	12,918	329	1,093,415	76.2	64.1
2004	83,719	70,614	12,755	350	1,095,018	76.5	64.5
2005	83,555	70,920	12,306	329	1,092,604	76.5	64.9
2006	86,814	73,515	12,948	351	1,070,877	81.1	68.6
2007	86,832	73,675	12,770	387	1,058,541	82.0	69.6
2008	84,653	72,382	11,896	375	1,048,477	80.7	69.0
2009	82,353	70,617	11,391	345	1,046,457	78.7	67.5
2010	79,329	68,407	10,570	352	1,045,681	75.9	65.4
2011	78,942	68,416	10,150	376	1,044,201	75.6	65.5
2012	78,906	68,783	9,758	365	1,046,298	75.4	65.7
2013	78,600	69,183	9,030	387	1,049,636	74.9	65.9
2014	79,534	69,916	9,180	438	1,053,340	75.5	66.4
2015	79,197	69,835	8,898	464	1,054,063	75.1	66.3
2016	79,219	69,746	9,053	420	1,054,178	75.1	66.2

¹Includes Live Births, Fetal Deaths and Induced Abortions.

²Fetal Death counts include all reported to the Minnesota Department of Health regardless of gestational age.

³Number of pregnancies per 1,000 women ages 15 - 44 years.

⁴Number of live births per 1,000 women ages 15 - 44 years.

NOTE: Total MN Population count by year from MN State Demographic Center: <https://mn.gov/admin/demography/data-by-topic/population-data/our-estimates/pop-finder1.jsp>

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Fertility Table 2. Pregnancy Outcomes and Rates by Age of Woman, Minnesota Residents, 2006 - 2016.

Year/ Event	Total	Age of Woman							
		<15	15-19	20-24	25-29	30-34	35-39	40+	Unkwn
2006									
Reported Pregnancies ¹	86,814	114	7,014	20,245	26,184	20,378	10,521	2,355	3
Age Specific Pregnancy Rate ²	81.1	***	38.4	110.5	155.0	127.5	59.5	11.8	***
2007									
Reported Pregnancies ¹	86,832	120	7,109	19,971	26,763	20,550	10,038	2,275	6
Age Specific Pregnancy Rate ²	82.0	***	39.1	112.5	154.6	128.8	57.6	11.8	***
2008									
Reported Pregnancies ¹	84,653	114	6,598	18,910	26,455	20,595	9,690	2,291	0
Age Specific Pregnancy Rate ²	80.7	***	36.7	106.7	150.1	128.3	57.0	12.4	***
2009									
Reported Pregnancies ¹	82,353	81	5,981	18,061	25,964	20,672	9,250	2,340	4
Age Specific Pregnancy Rate ²	78.7	***	33.1	97.6	144.6	130.0	56.3	13.1	***
2010									
Reported Pregnancies ¹	79,329	89	5,351	16,455	25,102	21,031	9,023	2,275	3
Age Specific Pregnancy Rate ²	75.9	***	29.9	94.1	135.6	124.9	55.6	13.0	***
2011									
Reported Pregnancies ¹	78,942	72	4,743	15,622	24,946	22,090	9,102	2,356	11
Age Specific Pregnancy Rate ²	75.6	***	26.4	90.6	134.9	125.9	57.9	13.5	***
2012									
Reported Pregnancies ¹	78,906	77	4,392	15,501	24,543	22,865	9,189	2,333	6
Age Specific Pregnancy Rate ²	75.4	***	24.7	88.7	134.3	126.1	58.4	13.5	***
2013									
Reported Pregnancies ¹	78,600	57	3,878	14,698	24,416	23,771	9,604	2,174	2
Age Specific Pregnancy Rate ²	74.9	***	22.1	82.7	135.5	128.0	59.6	12.9	***
2014									
Reported Pregnancies ¹	79,534	53	3,561	14,330	24,435	24,726	10,182	2,243	4
Age Specific Pregnancy Rate ²	75.5	***	20.4	80.0	135.9	131.0	61.5	13.6	***
2015									
Reported Pregnancies ¹	79,197	38	3,161	13,534	24,119	25,357	10,805	2,181	2
Age Specific Pregnancy Rate ²	75.1	***	18.1	75.2	135.7	133.2	63.2	13.6	***
2016									
Reported Pregnancies ¹	79,219	41	3,004	12,939	23,975	25,552	11,453	2,255	0
Age Specific Pregnancy Rate ²	75.1	***	17.2	71.9	135.1	134.8	64.8	14.4	***

¹ Includes live births, all reported fetal deaths and induced abortions

² Pregnancies within a specific age group per 1,000 female population of that same age group. Total rate is calculated per 1,000 female population age 15-44.

***Appropriate age-specific female population is not available for use in rate calculations.

Deaths

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Mortality - Table 1. MN Deaths by County of Occurrence Distributed by Place of Residence; MN Resident Deaths Distributed by County of Occurrence, 2016.

County	Number of Deaths Occurring in EACH County				Number of Deaths to Residents Residing in Each County			Total
	Total	County Residents	Other Minnesota Residents	Out of State Residents	Outside County of Residence			
					Within Minnesota	Outside Minnesota		
State Total	43,110	33,843	7,699	1,568	7,699	1,508	43,050	
Aitkin	186	168	16	2	78	5	251	
Anoka	1,782	1,487	279	16	581	36	2,104	
Becker	279	245	25	9	21	65	331	
Beltrami	380	300	74	6	48	41	389	
Benton	305	249	56	5	100	1	350	
Big Stone	61	54	2	3	4	11	69	
Blue Earth	652	473	176	1	53	2	528	
Brown	267	237	29	2	40	2	279	
Carlton	305	272	31	7	107	2	381	
Carver	510	354	149	3	139	9	502	
Cass	215	183	29	7	152	13	348	
Chippewa	140	123	17	19	32	2	157	
Chisago	368	289	72	2	94	12	395	
Clay	297	271	7	1	24	180	475	
Clearwater	81	71	10	6	14	11	96	
Cook	35	30	3	23	20	3	53	
Cottonwood	121	104	16	1	11	12	127	
Crow Wing	630	544	80	3	142	13	699	
Dakota	1,980	1,708	249	2	801	48	2,557	
Dodge	92	77	14	3	52	3	132	
Douglas	419	368	48	5	63	9	440	
Faribault	148	139	7	10	48	1	188	
Fillmore	180	155	22	0	50	21	226	
Freeborn	312	286	21	0	81	4	371	
Goodhue	425	362	53	0	94	4	460	
Grant	45	41	4	0	25	5	71	
Hennepin	10,045	7,728	2,052	265	655	123	8,506	
<i>Minneapolis</i>	3,641	1,777	1,702	162	536	31	2,344	
Houston	110	105	4	1	4	53	162	
Hubbard	174	140	30	4	44	24	208	
Isanti	275	237	34	4	97	5	339	
Itasca	453	391	59	3	103	5	499	
Jackson	71	67	2	2	19	23	109	
Kanabec	135	113	22	0	57	0	170	
Kandiyohi	359	319	35	5	55	6	380	
Kittson	50	46	4	0	1	8	55	
Koochiching	113	113	0	0	39	5	157	
Lac Qui Parle	76	74	2	0	7	3	84	
Lake	103	91	10	2	43	1	135	
Lake of the Wood:	41	34	7	0	5	2	41	
Le Sueur	126	120	6	0	106	3	229	
Lincoln	76	68	3	5	8	11	87	
Lyon	221	199	21	1	9	21	229	
McLeod	329	292	36	1	63	2	357	
Mahnomen	39	34	4	1	11	13	58	
Marshall	38	36	1	1	18	24	78	
Martin	206	190	9	7	53	5	248	

2016 Minnesota Health Statistics

Mortality - Table 1. MN Deaths by County of Occurrence Distributed by Place of Residence; MN Resident Deaths Distributed by County of Occurrence, 2016.

County	Number of Deaths Occurring in EACH County				Number of Deaths to Residents Residing in Each County			Total
	Total	County Residents	Other Minnesota Residents	Out of State Residents	Outside County of Residence			
					Within Minnesota	Outside Minnesota		
Meeker	193	170	22	1	49	1	220	
Mille Lacs	255	215	38	2	106	2	323	
Morrison	239	231	8	0	75	1	307	
Mower	324	313	7	4	95	7	415	
Murray	73	62	9	2	10	19	91	
Nicollet	167	143	24	0	80	3	226	
Nobles	124	108	14	2	23	34	165	
Norman	80	74	5	1	5	19	98	
Olmsted	1,964	1,009	594	361	60	13	1,082	
Otter Tail	585	540	38	7	53	81	674	
Pennington	117	96	18	3	10	27	133	
Pine	196	175	20	1	125	5	305	
Pipestone	108	95	9	4	8	17	120	
Polk	262	241	13	8	12	86	339	
Pope	110	101	9	0	29	1	131	
Ramsey	5,068	3,492	1,306	270	562	52	4,106	
<i>St. Paul</i>	3,248	1,625	1,368	255	346	26	1,997	
Red Lake	18	16	1	1	6	6	28	
Redwood	158	140	17	1	56	7	203	
Renville	145	131	12	2	55	4	190	
Rice	419	367	48	4	122	9	498	
Rock	103	85	14	4	6	18	109	
Roseau	111	106	1	4	11	19	136	
St. Louis	2,604	1,978	322	304	93	28	2,099	
<i>Duluth</i>	1,709	802	606	301	31	7	840	
Scott	640	526	106	8	188	14	728	
Sherburne	441	324	114	3	189	7	520	
Sibley	108	104	4	0	61	2	167	
Stearns	1,478	874	590	14	137	13	1,024	
Steele	289	239	49	1	55	4	298	
Stevens	67	63	4	0	11	5	79	
Swift	92	90	2	0	23	2	115	
Todd	169	145	24	0	80	4	229	
Traverse	35	29	2	4	5	13	47	
Wabasha	147	122	9	16	50	6	178	
Wadena	176	142	33	1	46	14	202	
Waseca	146	129	17	0	48	1	178	
Washington	1,346	1,063	242	41	520	29	1,612	
Watsonwan	87	74	12	1	27	2	103	
Wilkin	76	48	3	25	3	24	75	
Winona	375	343	12	20	46	41	430	
Wright	653	564	80	9	257	11	832	
Yellow Medicine	106	89	16	1	25	5	119	
Unknown	1	0	1	0	6	0	6	

2016 Minnesota Health Statistics
Mortality Table 2. Deaths from Selected Causes by Age Group and Sex Minnesota Residents, 2016.

10th Revi- sion No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
	ALL CAUSES, Total	T 43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475
		M 21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331
		F 21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144
A00- B99	I. INFECTIOUS AND PARASITIC DISEASES	T 726	10	1	1	0	1	1	3	3	7	8	17	36	46	70	68	60	82	96	216
		M 361	3	0	0	0	1	1	1	2	4	4	12	23	33	40	37	27	44	48	81
		F 365	7	1	1	0	0	0	2	1	3	4	5	13	13	30	31	33	38	48	135
A01- A02	Salmonella Infections	T 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A03, A06	Shigellosis and Amebiasis	T 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A04, A07- A09	Other Intestinal Infections	T 111	3	0	0	0	0	0	0	1	1	1	0	4	4	3	6	10	17	13	48
		M 40	0	0	0	0	0	0	0	1	0	0	0	2	3	2	0	3	7	8	14
		F 71	3	0	0	0	0	0	0	0	1	1	0	2	1	1	6	7	10	5	34
A16- A19	Tuberculosis	T 6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	2	1
		M 5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	1
		F 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
A16	Respiratory Tuberculosis	T 3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0
		M 2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
		F 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
A17- A19	Other Tuberculosis	T 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
		M 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A37	Whooping Cough	T 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A38, A46	Scarlet Fever and Erysipelas	T 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A39	Meningococcal Infection	T 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2016 Minnesota Health Statistics
Mortality Table 2. Deaths from Selected Causes by Age Group and Sex Minnesota Residents, 2016.

10th Revi- sion No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
	ALL CAUSES, Total	T 43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475
		M 21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331
		F 21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A40- A41	Septicemia	T 393	3	0	0	0	1	0	2	0	1	5	9	12	15	33	34	37	40	62	139
		M 185	1	0	0	0	1	0	0	0	1	2	5	7	11	16	19	17	20	29	56
		F 208	2	0	0	0	0	0	2	0	0	3	4	5	4	17	15	20	20	33	83
A50- A53	Syphilis	T 1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A80	Acute Poliomyelitis	T 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A83- A84, A85.2	Arthropod-Borne Viral Encephalitis	T 1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
B05	Measles	T 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B15- B19	Viral Hepatitis	T 55	0	0	0	0	0	0	0	0	0	1	3	6	13	16	10	0	2	4	0
		M 38	0	0	0	0	0	0	0	0	0	1	3	3	11	9	8	0	1	2	0
		F 17	0	0	0	0	0	0	0	0	0	0	0	3	2	7	2	0	1	2	0
B20- B24	Human Immunodeficiency Virus (HIV) Disease	T 35	0	0	0	0	0	1	1	1	5	0	2	8	6	7	3	0	0	0	1
		M 23	0	0	0	0	0	1	1	0	3	0	1	6	4	4	3	0	0	0	0
		F 12	0	0	0	0	0	0	0	1	2	0	1	2	2	3	0	0	0	0	1
B50- B54	Malaria	T 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Re- sid- ual	Other Infectious and Parasitic Diseases and Sequelae	T 118	3	1	1	0	0	0	0	1	0	1	3	4	7	11	13	13	21	13	26
		M 65	2	0	0	0	0	0	0	1	0	1	3	3	4	9	5	7	14	7	9
		F 53	1	1	1	0	0	0	0	0	0	0	0	1	3	2	8	6	7	6	17

2016 Minnesota Health Statistics
Mortality Table 2. Deaths from Selected Causes by Age Group and Sex Minnesota Residents, 2016.

10th Revi- sion No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
	ALL CAUSES, Total	T 43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475
		M 21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331
		F 21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144
C00- D48	II. NEOPLASMS	T 10,175	2	5	11	11	14	11	22	43	58	93	186	421	740	1,108	1,275	1,361	1,328	1,339	2,147
		M 5,342	1	2	9	7	8	7	15	18	33	46	83	225	390	638	718	731	690	694	1,027
		F 4,833	1	3	2	4	6	4	7	25	25	47	103	196	350	470	557	630	638	645	1,120
C00- C97	Malignant Neoplasms	T 9,845	0	5	11	9	12	11	22	39	54	92	184	416	724	1,089	1,259	1,324	1,298	1,278	2,018
		M 5,158	0	2	9	6	6	7	15	16	30	46	83	221	379	624	709	707	671	665	962
		F 4,687	0	3	2	3	6	4	7	23	24	46	101	195	345	465	550	617	627	613	1,056
C00- C14	Of Lip, Oral Cavity and Pharynx	T 158	0	0	0	0	0	0	1	0	1	1	3	13	18	23	27	23	16	10	22
		M 104	0	0	0	0	0	0	1	0	1	1	2	10	13	15	23	19	7	4	8
		F 54	0	0	0	0	0	0	0	0	0	0	1	3	5	8	4	4	9	6	14
C15	Of Esophagus	T 293	0	0	0	0	0	0	3	2	0	5	3	19	23	52	58	40	29	22	37
		M 236	0	0	0	0	0	0	2	2	0	5	3	18	18	44	47	34	26	16	21
		F 57	0	0	0	0	0	0	1	0	0	0	0	1	5	8	11	6	3	6	16
C16	Of Stomach	T 139	0	0	0	0	0	0	0	2	2	2	6	6	8	21	9	16	11	26	30
		M 76	0	0	0	0	0	0	0	0	0	1	3	5	4	11	6	10	7	16	13
		F 63	0	0	0	0	0	0	0	2	2	1	3	1	4	10	3	6	4	10	17
C18- C21	Of Colon, Rectum, and Anus	T 826	0	0	0	0	0	0	1	3	9	12	24	43	63	75	90	107	105	96	198
		M 416	0	0	0	0	0	0	0	3	7	5	15	30	36	44	53	56	49	41	77
		F 410	0	0	0	0	0	0	1	0	2	7	9	13	27	31	37	51	56	55	121
C22	Of Liver and Intrahepatic Bile Ducts	T 401	0	1	0	0	0	1	1	2	3	4	3	21	45	80	62	48	55	29	46
		M 273	0	1	0	0	0	1	1	2	2	3	2	15	34	60	43	33	37	15	24
		F 128	0	0	0	0	0	0	0	0	1	1	1	6	11	20	19	15	18	14	22
C25	Of Pancreas	T 732	0	0	0	0	0	0	0	0	4	6	9	33	53	90	104	107	105	106	115
		M 375	0	0	0	0	0	0	0	0	2	4	6	24	30	54	59	44	49	51	52
		F 357	0	0	0	0	0	0	0	0	2	2	3	9	23	36	45	63	56	55	63
C32	Of Larynx	T 56	0	0	0	0	0	0	0	0	0	0	0	0	3	12	6	12	10	4	9
		M 44	0	0	0	0	0	0	0	0	0	0	0	0	2	8	6	10	7	3	8
		F 12	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	2	3	1	1
C33-	Of Trachea,	T 2,330	0	0	0	0	0	0	0	0	2	7	27	92	208	289	342	374	356	318	315

2016 Minnesota Health Statistics
Mortality Table 2. Deaths from Selected Causes by Age Group and Sex Minnesota Residents, 2016.

10th Revi- sion No.	Cause of Death and Sex		Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over	
	ALL CAUSES, Total	T	43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475
		M	21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331
		F	21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144
C34	Bronchus, and Lung	M	1,197	0	0	0	0	0	0	0	0	1	4	17	43	106	166	187	193	163	168	149
		F	1,133	0	0	0	0	0	0	0	0	1	3	10	49	102	123	155	181	193	150	166
C43	Of Skin	T	121	0	0	0	0	0	0	0	1	2	2	2	6	12	18	11	13	16	14	24
		M	68	0	0	0	0	0	0	0	2	0	2	2	6	11	8	6	6	12	8	11
		F	53	0	0	0	0	0	0	1	0	2	0	4	6	7	3	7	4	6	6	13
C50	Of Breast	T	607	0	0	0	0	0	0	7	7	12	33	39	53	52	65	73	68	69	69	129
		M	8	0	0	0	0	0	0	0	0	0	0	1	1	0	1	3	1	0	0	1
		F	599	0	0	0	0	0	0	7	7	12	33	38	52	52	64	70	67	69	69	128
C53	Of Cervix Uteri	T	41	0	0	0	0	0	1	2	1	0	3	8	2	9	4	3	1	4	3	3
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	41	0	0	0	0	0	1	2	1	0	3	8	2	9	4	3	1	4	3	3
C54- C55	Of Corpus Uteri and Uterus	T	185	0	0	0	0	0	1	0	1	1	8	7	15	16	34	26	23	16	37	37
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	185	0	0	0	0	0	1	0	1	1	8	7	15	16	34	26	23	16	37	37
C56	Of Ovary	T	212	0	0	0	0	0	0	1	1	3	2	12	16	31	39	27	27	21	32	32
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	212	0	0	0	0	0	0	1	1	3	2	12	16	31	39	27	27	21	32	32
C61	Of Prostate	T	531	0	0	0	0	0	0	0	0	0	0	2	12	22	51	68	66	94	216	216
		M	531	0	0	0	0	0	0	0	0	0	0	2	12	22	51	68	66	94	216	216
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C64- C65	Of Kidney and Renal Pelvis	T	237	0	0	0	0	1	1	0	1	1	1	9	27	25	29	29	31	38	44	44
		M	155	0	0	0	0	1	0	0	1	1	0	8	20	21	16	17	24	23	23	23
		F	82	0	0	0	0	0	1	0	0	0	1	1	7	4	13	12	7	15	21	21
C67	Of Bladder	T	284	0	0	0	0	0	1	0	2	1	0	4	10	24	25	30	39	45	103	103
		M	206	0	0	0	0	0	1	0	0	1	0	3	7	19	19	23	31	36	66	66
		F	78	0	0	0	0	0	0	0	2	0	0	1	3	5	6	7	8	9	37	37
C70- C72	Of Meninges, Brain and Other Parts of Central Nervous System	T	304	0	0	5	4	3	2	1	4	3	12	16	23	25	54	48	42	21	21	20
		M	179	0	0	3	3	1	1	1	2	3	7	6	15	14	30	30	30	14	10	9
		F	125	0	0	2	1	2	1	0	2	0	5	10	8	11	24	18	12	7	11	11

2016 Minnesota Health Statistics
Mortality Table 2. Deaths from Selected Causes by Age Group and Sex Minnesota Residents, 2016.

10th Revi- sion No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
	ALL CAUSES, Total	T 43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475
		M 21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331
		F 21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144
C81- C96	Of Lymphoid, Hematopoietic, and Related Tissue	T 1,046	0	2	3	2	4	2	7	5	8	10	13	36	54	69	112	128	140	161	290
		M 620	0	0	3	2	1	2	5	3	6	7	9	23	35	44	86	81	85	86	142
		F 426	0	2	0	0	3	0	2	2	2	3	4	13	19	25	26	47	55	75	148
C81	Hodgkin's Disease	T 21	0	0	0	0	0	0	1	0	0	2	2	1	2	2	1	3	3	2	2
		M 17	0	0	0	0	0	0	1	0	0	1	1	0	2	1	1	3	3	2	2
		F 4	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0
C82- C85	Non-Hodgkin's Lymphoma	T 374	0	0	1	1	0	2	2	0	4	3	1	8	16	26	35	46	52	50	127
		M 214	0	0	1	1	0	2	1	0	2	2	1	6	12	12	30	30	33	22	59
		F 160	0	0	0	0	0	0	1	0	2	1	0	2	4	14	5	16	19	28	68
C91- C95	Leukemia	T 418	0	2	2	1	4	0	4	5	2	5	7	16	21	26	46	49	56	67	105
		M 258	0	0	2	1	1	0	3	3	2	4	5	8	16	18	35	33	31	40	56
		F 160	0	2	0	0	3	0	1	2	0	1	2	8	5	8	11	16	25	27	49
C88 C90	Multiple Myeloma and Immunoprolifer- ative Neoplasms	T 232	0	0	0	0	0	0	0	0	2	0	3	11	15	15	30	29	29	42	56
		M 131	0	0	0	0	0	0	0	0	2	0	2	9	5	13	20	15	18	22	25
		F 101	0	0	0	0	0	0	0	0	0	0	1	2	10	2	10	14	11	20	31
C96	Other Lymphoid, Hematopoeitic, and Related Tissue	T 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Re- sid- ual	Other Malignant Neoplasms	T 1,342	0	2	3	3	5	5	4	10	7	13	31	43	77	127	143	158	179	184	348
		M 670	0	1	3	1	4	2	4	4	5	7	18	22	41	75	74	80	93	94	142
		F 672	0	1	0	2	1	3	0	6	2	6	13	21	36	52	69	78	86	90	206
D00- D48	In Situ and Benign Neoplasms and Neoplasms of Uncertain Behavior	T 330	2	0	0	2	2	0	0	4	4	1	2	5	16	19	16	37	30	61	129
		M 184	1	0	0	1	2	0	0	2	3	0	0	4	11	14	9	24	19	29	65
		F 146	1	0	0	1	0	0	0	2	1	1	2	1	5	5	7	13	11	32	64
D50- D89	III. DISEASES OF THE BLOOD AND BLOOD- FORMING ORGANS	T 156	1	0	2	1	0	2	1	1	3	1	6	2	10	11	14	12	14	18	57
		M 71	1	0	0	0	0	0	0	0	1	0	1	1	5	8	5	8	10	9	22
		F 85	0	0	2	1	0	2	1	1	2	1	5	1	5	3	9	4	4	9	35

2016 Minnesota Health Statistics
Mortality Table 2. Deaths from Selected Causes by Age Group and Sex Minnesota Residents, 2016.

10th Revi- sion No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
	ALL CAUSES, Total	T 43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475
		M 21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331
		F 21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144
D50- D64	Anemias	T 80	0	0	0	0	0	0	1	1	1	0	1	0	3	3	5	3	8	10	44
		M 35	0	0	0	0	0	0	0	0	1	0	0	0	2	3	1	1	6	5	16
		F 45	0	0	0	0	0	0	1	1	0	0	1	0	1	0	4	2	2	5	28
D65- D89	Other Diseases of the Blood and Blood-Forming Organs	T 76	1	0	2	1	0	2	0	0	2	1	5	2	7	8	9	9	6	8	13
		M 36	1	0	0	0	0	0	0	0	0	0	1	1	3	5	4	7	4	4	6
		F 40	0	0	2	1	0	2	0	0	2	1	4	1	4	3	5	2	2	4	7
E00- E90	IV. ENDOCRINE, NUTRITIONAL, AND METABOLIC DISEASES AND IMMUNITY DISORDERS	T 1,827	2	2	1	0	3	8	5	14	24	21	38	74	113	153	209	188	227	219	526
		M 938	2	0	0	0	2	2	2	6	11	14	28	41	71	94	123	106	126	110	200
		F 889	0	2	1	0	1	6	3	8	13	7	10	33	42	59	86	82	101	109	326
E10- E14	Diabetes Mellitus	T 1,269	0	1	0	0	2	2	3	11	12	16	26	51	81	107	147	141	163	161	345
		M 664	0	0	0	0	1	1	1	5	5	11	19	28	55	60	91	81	90	84	132
		F 605	0	1	0	0	1	1	2	6	7	5	7	23	26	47	56	60	73	77	213
E40- E64	Nutritional Deficiencies	T 77	0	0	0	0	0	0	0	0	1	0	1	2	4	1	8	5	11	5	39
		M 30	0	0	0	0	0	0	0	0	0	0	1	2	2	1	4	1	6	0	13
		F 47	0	0	0	0	0	0	0	0	1	0	0	0	2	0	4	4	5	5	26
E40- E46	Malnutrition	T 73	0	0	0	0	0	0	0	0	1	0	1	2	4	1	7	5	11	5	36
		M 29	0	0	0	0	0	0	0	0	0	0	1	2	2	1	4	1	6	0	12
		F 44	0	0	0	0	0	0	0	0	1	0	0	0	2	0	3	4	5	5	24
E50- E64	Other Nutritional Deficiencies	T 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3
		M 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		F 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
Re- sid- ual	Other Endocrine, Nutritional, Metabolic, and Immunity Disorders	T 481	2	1	1	0	1	6	2	3	11	5	11	21	28	45	54	42	53	53	142
		M 244	2	0	0	0	1	1	1	1	6	3	8	11	14	33	28	24	30	26	55
		F 237	0	1	1	0	0	5	1	2	5	2	3	10	14	12	26	18	23	27	87
F00- F99	V. MENTAL AND BEHAVIORAL DISORDERS	T 3,382	0	0	0	0	1	3	2	6	9	8	15	30	43	73	107	140	235	460	2,250
		M 1,230	0	0	0	0	1	1	2	4	7	3	13	26	32	54	69	66	105	190	657
		F 2,152	0	0	0	0	0	2	0	2	2	5	2	4	11	19	38	74	130	270	1,593
G00-	VI. DISEASES OF THE	T 3,954	9	5	6	6	1	7	11	6	14	18	19	51	81	113	180	285	415	601	2,126

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10th Revi- sion No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
	ALL CAUSES, Total	T 43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475
		M 21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331
		F 21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144
G99	NERVOUS SYSTEM	M 1,641	3	2	2	3	1	6	8	3	7	15	11	35	39	71	96	140	224	266	709
		F 2,313	6	3	4	3	0	1	3	3	7	3	8	16	42	42	84	145	191	335	1,417
G00, G03	Meningitis	T 10	1	0	0	1	0	0	0	0	0	0	1	4	1	0	1	1	0	0	0
		M 7	0	0	0	1	0	0	0	0	0	0	1	3	0	0	1	1	0	0	0
		F 3	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
G20- G21	Parkinson's Disease	T 656	0	0	0	0	0	0	0	0	0	0	0	0	3	10	22	60	103	145	313
		M 393	0	0	0	0	0	0	0	0	0	0	0	0	2	5	15	36	78	86	171
		F 263	0	0	0	0	0	0	0	0	0	0	0	0	1	5	7	24	25	59	142
G30	Alzheimer's Disease	T 2,220	0	0	0	0	0	0	0	0	0	0	0	3	2	11	41	81	179	323	1,580
		M 693	0	0	0	0	0	0	0	0	0	0	0	1	0	7	18	38	68	121	440
		F 1,527	0	0	0	0	0	0	0	0	0	0	0	2	2	4	23	43	111	202	1,140
Re- sid- ual	Other Diseases of the Nervous System	T 1,068	8	5	6	5	1	7	11	6	14	18	18	44	75	92	116	143	133	133	233
		M 548	3	2	2	2	1	6	8	3	7	15	10	31	37	59	62	65	78	59	98
		F 520	5	3	4	3	0	1	3	3	7	3	8	13	38	33	54	78	55	74	135
H00- H59	VII. DISEASES OF THE EYE AND ADNEXA	T 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
		M 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
		F 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
H60- H95	VIII. DISEASES OF THE EAR AND MASTOID PROCESS	T 2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
I00- I99	IX. DISEASES OF THE CIRCULATORY SYSTEM	T 11,091	8	5	3	2	5	8	19	24	59	90	173	277	454	576	724	795	1,076	1,416	5,377
		M 5,684	3	4	3	0	2	6	12	19	41	64	123	188	334	397	478	501	641	747	2,121
		F 5,407	5	1	0	2	3	2	7	5	18	26	50	89	120	179	246	294	435	669	3,256
I00- I78	Major Cardiovascular Diseases	T 11,014	8	4	3	2	5	8	17	24	59	89	172	272	447	570	715	790	1,070	1,408	5,351
		M 5,648	3	4	3	0	2	6	12	19	41	63	123	186	328	392	474	498	639	743	2,112

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	ALL CAUSES, Total	T 43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475
		M 21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331
		F 21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144
		F 5,366	5	0	0	2	3	2	5	5	18	26	49	86	119	178	241	292	431	665	3,239
I00-I09, I11,I13, I20-I51	Diseases of the Heart	T 7,823	5	1	2	1	4	6	14	22	48	73	130	218	349	423	531	556	730	942	3,768
		M 4,265	2	1	2	0	1	4	9	17	34	56	99	156	266	303	365	364	462	524	1,600
		F 3,558	3	0	0	1	3	2	5	5	14	17	31	62	83	120	166	192	268	418	2,168
I00- I09	Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases	T 108	0	0	1	0	0	0	0	0	0	1	0	1	1	8	7	6	9	21	53
		M 34	0	0	1	0	0	0	0	0	0	0	0	0	1	4	1	1	5	4	17
		F 74	0	0	0	0	0	0	0	0	0	1	0	1	0	4	6	5	4	17	36
I11	Hypertensive Heart Disease	T 290	0	0	0	0	0	0	1	2	4	6	10	11	19	12	16	9	16	25	159
		M 137	0	0	0	0	0	0	1	1	2	4	9	9	13	8	11	7	10	11	51
		F 153	0	0	0	0	0	0	0	1	2	2	1	2	6	4	5	2	6	14	108
I13	Hypertensive Heart and Renal Disease	T 79	0	0	0	0	0	0	0	0	1	0	0	2	2	0	2	4	8	9	51
		M 28	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	3	6	4	11
		F 51	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	2	5	40
I20- I25	Ischemic Heart Diseases	T 3,996	0	0	0	0	0	1	3	9	16	37	77	137	248	265	345	324	402	491	1,641
		M 2,506	0	0	0	0	0	0	3	9	14	32	61	97	201	211	254	234	266	310	814
		F 1,490	0	0	0	0	0	1	0	0	2	5	16	40	47	54	91	90	136	181	827
I21- I22	Acute Myocardial Infarction	T 985	0	0	0	0	0	1	1	1	3	10	22	34	76	68	95	93	109	116	356
		M 586	0	0	0	0	0	0	1	1	3	8	18	23	60	52	68	64	70	59	159
		F 399	0	0	0	0	0	1	0	0	0	2	4	11	16	16	27	29	39	57	197
I24	Other Acute Ischemic Heart Diseases	T 24	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	1	3	4	12
		M 16	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2	4	6
		F 8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	6
I20, I25	Other Chronic Ischemic Heart Disease	T 2,989	0	0	0	0	0	0	2	8	13	27	55	102	172	195	249	230	290	370	1,276
		M 1,905	0	0	0	0	0	0	2	8	11	24	43	73	141	158	185	169	194	247	650
		F 1,084	0	0	0	0	0	0	0	0	2	3	12	29	31	37	64	61	96	123	626
I25.0	Atherosclerotic Cardiovascular Disease	T 392	0	0	0	0	0	0	1	0	1	5	10	18	30	35	42	34	36	46	134
		M 253	0	0	0	0	0	0	1	0	1	5	9	14	23	28	32	26	20	29	65
		F 139	0	0	0	0	0	0	0	0	0	0	1	4	7	7	10	8	16	17	69

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	ALL CAUSES, Total	T 43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475
		M 21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331
		F 21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144
I20, I25.1-I25.9	Other Chronic Ischemic Heart	T 2,597	0	0	0	0	0	0	1	8	12	22	45	84	142	160	207	196	254	324	1,142
		M 1,652	0	0	0	0	0	0	1	8	10	19	34	59	118	130	153	143	174	218	585
		F 945	0	0	0	0	0	0	0	0	2	3	11	25	24	30	54	53	80	106	557
I26- I51	Other Heart Diseases	T 2,701	4	0	1	1	4	5	9	9	25	26	38	57	64	114	146	172	248	324	1,454
		M 1,254	1	0	1	0	1	4	4	6	16	17	25	43	38	64	88	94	147	165	540
		F 1,447	3	0	0	1	3	1	5	3	9	9	13	14	26	50	58	78	101	159	914
I33	Acute and Subacute Endocarditis	T 24	0	0	0	0	0	0	0	0	1	1	1	3	2	4	1	1	5	0	5
		M 16	0	0	0	0	0	0	0	0	1	1	1	2	2	3	0	1	2	0	3
		F 8	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	3	0	2
I30-I31, I40	Diseases of Pericardium and Acute Myocarditis	T 12	0	0	0	0	0	0	0	0	0	0	1	2	3	0	0	0	1	1	4
		M 4	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
		F 8	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	1	1	2
I50	Heart Failure	T 1,127	0	0	0	0	1	0	0	0	3	4	1	9	5	29	39	54	92	139	751
		M 491	0	0	0	0	0	0	0	0	2	2	0	7	2	12	20	28	59	68	291
		F 636	0	0	0	0	1	0	0	0	1	2	1	2	3	17	19	26	33	71	460
I26-I28, I34-I38, I42-I49,I51	All Other Forms of Heart Disease	T 2,187	5	1	1	1	3	5	10	11	23	24	40	53	69	105	121	158	197	256	1,104
		M 1,049	2	1	1	0	1	4	5	7	15	17	28	40	43	65	78	90	114	127	411
		F 1,138	3	0	0	1	2	1	5	4	8	7	12	13	26	40	43	68	83	129	693
I10, I12	Essential Hypertension and Hypertensive Renal Disease	T 569	0	0	0	0	0	1	1	0	1	0	7	6	16	46	40	53	58	81	259
		M 256	0	0	0	0	0	1	1	0	1	0	5	3	14	31	28	32	23	37	80
		F 313	0	0	0	0	0	0	0	0	0	0	2	3	2	15	12	21	35	44	179
I60- I69	Cerebrovascular Diseases	T 2,197	2	3	1	1	1	1	1	2	8	13	29	39	62	73	113	149	229	327	1,143
		M 898	1	3	1	0	1	1	1	2	4	4	16	22	35	42	69	83	119	149	345
		F 1,299	1	0	0	1	0	0	0	0	4	9	13	17	27	31	44	66	110	178	798
I70	Atherosclerosis	T 33	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	3	3	23
		M 18	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	14
		F 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	9
I71-	Other Diseases of	T 392	1	0	0	0	0	0	1	0	2	3	5	9	20	28	30	30	50	55	158

2016 Minnesota Health Statistics
Mortality Table 2. Deaths from Selected Causes by Age Group and Sex Minnesota Residents, 2016.

10th Revi- sion No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over	
	ALL CAUSES, Total	T	43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475
		M	21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331
		F	21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144
I78	the Circulatory System	M	211	0	0	0	0	0	0	1	0	2	3	2	5	13	16	11	18	34	33	73
		F	181	1	0	0	0	0	0	0	0	0	0	3	4	7	12	19	12	16	22	85
I71	Aortic Aneurysm and Dissection	T	219	0	0	0	0	0	0	1	0	2	2	3	4	15	19	20	19	33	26	75
		M	124	0	0	0	0	0	0	1	0	2	2	2	4	10	12	8	12	24	15	32
		F	95	0	0	0	0	0	0	0	0	0	0	1	0	5	7	12	7	9	11	43
I72- I78	Diseases of the Arteries, Arterioles, and Capillaries	T	173	1	0	0	0	0	0	0	0	0	1	2	5	5	9	10	11	17	29	83
		M	87	0	0	0	0	0	0	0	0	0	1	0	1	3	4	3	6	10	18	41
		F	86	1	0	0	0	0	0	0	0	0	0	2	4	2	5	7	5	7	11	42
I80- I99	Other Disorders of the Circulatory System	T	77	0	1	0	0	0	0	2	0	0	1	1	5	7	6	9	5	6	8	26
		M	36	0	0	0	0	0	0	0	0	0	1	0	2	6	5	4	3	2	4	9
		F	41	0	1	0	0	0	0	2	0	0	0	1	3	1	1	5	2	4	4	17
J00- J99	X. DISEASES OF THE RESPIRATORY SYSTEM	T	3,723	13	9	0	1	3	2	2	1	10	16	28	60	116	220	276	448	505	591	1,422
		M	1,854	9	3	0	1	2	0	1	1	2	14	22	32	72	128	155	217	249	301	645
		F	1,869	4	6	0	0	1	2	1	0	8	2	6	28	44	92	121	231	256	290	777
J10- J18	Influenza and Pneumonia	T	527	3	4	0	0	1	0	0	0	4	7	7	16	24	24	27	35	40	61	274
		M	272	2	2	0	0	1	0	0	0	0	6	5	9	15	16	15	14	20	33	134
		F	255	1	2	0	0	0	0	0	0	4	1	2	7	9	8	12	21	20	28	140
J10- J11	Influenza	T	50	0	2	0	0	0	0	0	0	1	2	4	2	3	4	5	6	2	7	12
		M	26	0	1	0	0	0	0	0	0	2	3	1	2	3	4	3	1	2	4	
		F	24	0	1	0	0	0	0	0	0	1	0	1	1	1	1	1	3	1	5	8
J12- J18	Pneumonia	T	477	3	2	0	0	1	0	0	0	3	5	3	14	21	20	22	29	38	54	262
		M	246	2	1	0	0	1	0	0	0	4	2	8	13	13	11	11	19	31	130	
		F	231	1	1	0	0	0	0	0	0	3	1	1	6	8	7	11	18	19	23	132
J20- J22	Other Acute Lower Respiratory Infections	T	10	2	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	5
		M	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		F	8	1	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	4
J20- J21	Acute Bronchitis and Bronchiolitis	T	5	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	5	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2

2016 Minnesota Health Statistics
Mortality Table 2. Deaths from Selected Causes by Age Group and Sex Minnesota Residents, 2016.

10th Revi- sion No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
	ALL CAUSES, Total	T 43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475
		M 21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331
		F 21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144
J22	Unspecified Acute Lower Respiratory Infection	T 5	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3
		M 2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		F 3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
J40- J47	Chronic Lower Respiratory Diseases	T 2,368	1	1	0	1	0	2	2	0	5	4	13	30	67	136	206	330	361	400	809
		M 1,136	0	1	0	1	0	0	1	0	2	4	10	16	43	77	114	156	173	188	350
		F 1,232	1	0	0	0	0	2	1	0	3	0	3	14	24	59	92	174	188	212	459
J40- J42	Bronchitis, Chronic and Unspecified	T 11	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	1	0	6
		M 4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
		F 7	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	4
J43	Emphysema	T 110	0	0	0	0	0	0	0	0	0	0	2	2	5	10	12	16	16	18	29
		M 55	0	0	0	0	0	0	0	0	0	0	2	2	5	4	6	6	9	9	12
		F 55	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	10	7	9	17
J45- J46	Asthma	T 76	0	1	0	1	0	2	2	0	5	3	3	4	4	7	4	5	7	8	20
		M 33	0	1	0	1	0	0	1	0	2	3	2	2	4	2	1	1	4	4	5
		F 43	0	0	0	0	0	2	1	0	3	0	1	2	0	5	3	4	3	4	15
J44, J47	Other Chronic Lower Respiratory Diseases	T 2,171	0	0	0	0	0	0	0	0	0	1	8	24	56	119	190	308	337	374	754
		M 1,044	0	0	0	0	0	0	0	0	0	1	6	12	33	71	107	149	159	175	331
		F 1,127	0	0	0	0	0	0	0	0	0	0	2	12	23	48	83	159	178	199	423
J60- J66, J68	Pneumoconioses and Chemical Effects	T 12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	7
		M 12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	7
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J69	Pneumonitis Due to Solids and Liquids	T 200	0	0	0	0	0	0	0	0	1	1	2	5	4	11	12	19	21	27	97
		M 109	0	0	0	0	0	0	0	0	0	0	1	3	1	8	6	8	11	19	52
		F 91	0	0	0	0	0	0	0	0	1	1	1	2	3	3	6	11	10	8	45
Re- sid- ual	Other Disease of the Respiratory System	T 606	7	3	0	0	2	0	0	1	0	4	6	9	19	49	31	63	81	101	230
		M 323	6	0	0	0	1	0	0	1	0	4	6	4	13	27	20	38	43	59	101
		F 283	1	3	0	0	1	0	0	0	0	0	0	5	6	22	11	25	38	42	129

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10th Revi- sion No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over	
	ALL CAUSES, Total	T 43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475	
		M 21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331	
		F 21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144	
K00- K93	XI. DISEASES OF THE DIGESTIVE SYSTEM	T 1,654	1	1	0	2	0	5	4	21	28	43	64	107	167	180	138	134	161	184	414	
		M 860	1	1	0	1	0	5	3	11	12	27	32	53	113	123	76	80	82	90	150	
		F 794	0	0	0	1	0	0	1	10	16	16	32	54	54	57	62	54	79	94	264	
K25- K28	Peptic Ulcer	T 57	0	0	0	0	0	0	0	0	0	0	0	1	4	2	7	1	3	5	12	22
		M 23	0	0	0	0	0	0	0	0	0	0	0	2	2	4	0	1	0	6	8	
		F 34	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3	1	2	5	6	14
K35- K38	Diseases of the Appendix	T 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	3
		M 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
		F 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
K40- K46	Hernia	T 36	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	4	1	8	19
		M 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	0	3	5
		F 22	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	5	14
K70, K73- K74	Chronic Liver Disease and Cirrhosis	T 595	0	0	0	0	0	1	2	9	19	26	46	67	108	110	61	37	46	33	30	
		M 376	0	0	0	0	0	1	1	4	10	16	23	36	79	84	39	24	27	19	13	
		F 219	0	0	0	0	0	0	1	5	9	10	23	31	29	26	22	13	19	14	17	
K70	Alcoholic Liver Disease	T 407	0	0	0	0	0	0	2	7	18	22	39	59	85	84	41	19	19	9	3	
		M 277	0	0	0	0	0	0	1	3	9	14	20	34	63	65	30	14	15	7	2	
		F 130	0	0	0	0	0	0	1	4	9	8	19	25	22	19	11	5	4	2	1	
K73- K74	Other Chronic Liver Disease and Cirrhosis	T 188	0	0	0	0	0	1	0	2	1	4	7	8	23	26	20	18	27	24	27	
		M 99	0	0	0	0	0	1	0	1	1	2	3	2	16	19	9	10	12	12	11	
		F 89	0	0	0	0	0	0	0	1	0	2	4	6	7	7	11	8	15	12	16	
K80- K82	Cholelithiasis and Other Disorders of Gallbladder and Biliary Tract	T 68	0	0	0	0	0	0	0	0	0	0	1	1	1	3	1	6	5	12	38	
		M 37	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	4	3	9	17	
		F 31	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	2	3	21	
Re- sid- ual	Other Disease of the Digestive System	T 893	1	1	0	2	0	4	2	12	9	17	15	35	56	59	72	84	103	119	302	
		M 406	1	1	0	1	0	4	2	7	2	11	8	14	31	33	35	47	51	53	105	
		F 487	0	0	0	1	0	0	0	5	7	6	7	21	25	26	37	37	52	66	197	
L00- L99	XII. DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	T 78	0	0	0	0	0	0	1	1	0	1	1	2	6	5	7	5	7	11	31	
		M 34	0	0	0	0	0	0	1	1	0	0	0	0	3	2	3	1	6	4	13	

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	ALL CAUSES, Total	T 43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475
		M 21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331
		F 21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144
		F 44	0	0	0	0	0	0	0	0	0	1	1	2	3	3	4	4	1	7	18
M00- M99	XIII. DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	T 250	0	0	0	1	0	0	0	5	1	3	1	6	14	15	19	22	24	42	97
		M 90	0	0	0	1	0	0	0	4	0	1	1	5	6	6	9	10	12	15	20
		F 160	0	0	0	0	0	0	0	1	1	2	0	1	8	9	10	12	12	27	77
N00- N99	XIV. DISEASES OF THE GENITOURINARY SYSTEM	T 863	0	0	1	0	0	1	2	1	5	9	5	12	29	39	53	82	110	123	391
		M 441	0	0	0	0	0	1	2	0	3	5	3	4	15	27	24	54	59	65	179
		F 422	0	0	1	0	0	0	0	1	2	4	2	8	14	12	29	28	51	58	212
N00-N07, N17-N19, N25-N27	Nephritis, Nephrotic Syndrome and Nephrosis	T 593	0	0	1	0	0	1	1	1	5	6	5	8	20	31	30	60	77	89	258
		M 318	0	0	0	0	0	1	1	0	3	4	3	2	11	21	14	41	43	50	124
		F 275	0	0	1	0	0	0	0	1	2	2	2	6	9	10	16	19	34	39	134
N00- N01, N04	Acute and Rapidly Progressive Nephritic & Nephrotic Syndrome	T 8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	6
		M 2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
		F 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5
N02-N03, N05-N07, N26	Chronic Glomerulo- Nephritis, Nephritis, and Renal Sclerosis	T 10	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	3	3	0	1
		M 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	1
		F 5	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	2	0	0
N17- N19	Renal Failure	T 575	0	0	1	0	0	1	1	1	4	6	5	8	19	29	30	56	74	89	251
		M 311	0	0	0	0	0	1	1	0	3	4	3	2	11	20	14	38	42	50	122
		F 264	0	0	1	0	0	0	0	1	1	2	2	6	8	9	16	18	32	39	129
N25, N27	Other Disorders of Kidney	T 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N10- N12, N13.6,N15.1	Infections of the Kidney	T 4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1
N40	Hyperplasia of the Prostate	T 10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	6
		M 10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	6
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	ALL CAUSES, Total	T 43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475
		M 21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331
		F 21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144
N70- N76	Inflammatory Diseases of Female Pelvic Organs	T 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Re- sid- ual	Other Diseases of the Genitourinary System	T 256	0	0	0	0	0	0	1	0	0	3	0	4	8	8	23	21	30	32	126
		M 113	0	0	0	0	0	0	1	0	0	1	0	2	4	6	10	13	13	14	49
		F 143	0	0	0	0	0	0	0	0	0	2	0	2	4	2	13	8	17	18	77
O00- O99	XV. PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	T 13	0	0	0	0	0	0	6	3	3	1	0	0	0	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 13	0	0	0	0	0	0	6	3	3	1	0	0	0	0	0	0	0	0	0
O00- O07	Pregnancy with Abortive Outcome	T 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O10- O99	Other Complications of Pregnancy	T 13	0	0	0	0	0	0	6	3	3	1	0	0	0	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 13	0	0	0	0	0	0	6	3	3	1	0	0	0	0	0	0	0	0	0
O08	Other Complications of Pregnancy, Childbirth, and the Puerperium	T 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P00- P96	XVI. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	T 176	173	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M 111	109	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 65	64	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q00- Q99	XVII. CONGENITAL MALFORMATIONS, DEFORMATIONS, AND CHROMOSOMAL ABNORMALITIES	T 205	78	9	2	1	4	5	4	4	1	3	4	15	12	27	9	5	3	4	15
		M 120	46	8	2	0	3	1	3	1	1	0	3	10	8	16	5	2	2	3	6
		F 85	32	1	0	1	1	4	1	3	0	3	1	5	4	11	4	3	1	1	9
R00- R99	XVIII. SYMPTOMS, SIGNS, AND ABNORMAL CLINICAL AND LABORATORY FINDINGS	T 1,112	28	4	0	0	2	5	1	7	7	4	16	16	25	40	60	71	87	118	621
		M 489	16	4	0	0	1	5	0	4	6	2	9	12	15	31	43	42	38	61	200
		F 623	12	0	0	0	1	0	1	3	1	2	7	4	10	9	17	29	49	57	421

2016 Minnesota Health Statistics
Mortality Table 2. Deaths from Selected Causes by Age Group and Sex Minnesota Residents, 2016.

10th Revi- sion No.	Cause of Death and Sex		Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
	ALL CAUSES, Total		T 43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475
			M 21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331
			F 21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144
V01- Y98	XX.	EXTERNAL CAUSES	T 3,659	32	18	14	23	96	209	231	219	211	169	217	238	273	211	164	163	169	218	784
			M 2,360	20	13	8	17	64	171	188	152	149	122	166	166	192	159	118	123	104	127	301
			F 1,299	12	5	6	6	32	38	43	67	62	47	51	72	81	52	46	40	65	91	483
V01- X59, Y85-Y86		Accidents	T 2,661	26	13	11	12	43	122	137	130	126	102	132	143	177	135	115	127	151	199	760
			M 1,601	18	9	7	10	26	100	108	88	89	70	98	98	126	99	79	90	90	111	285
			F 1,060	8	4	4	2	17	22	29	42	37	32	34	45	51	36	36	37	61	88	475
V01- V99, Y85		Transport Accidents	T 526	1	4	7	7	28	47	44	37	32	28	33	42	44	36	38	25	21	23	29
			M 365	1	2	5	5	14	33	35	23	24	20	24	28	34	29	31	17	10	15	15
			F 161	0	2	2	2	14	14	9	14	8	8	9	14	10	7	7	8	11	8	14
*		Motor Vehicle Accidents	T 477	1	4	7	7	27	44	41	36	31	27	27	36	38	30	29	23	19	22	28
			M 327	1	2	5	5	14	30	32	22	23	19	19	25	28	25	24	15	8	15	15
			F 150	0	2	2	2	13	14	9	14	8	8	8	11	10	5	5	8	11	7	13
**		Other Land Transport Accidents	T 12	0	0	0	0	1	3	1	0	0	1	0	1	0	1	1	0	1	1	1
			M 9	0	0	0	0	0	3	1	0	0	1	0	1	0	1	1	0	1	0	0
			F 3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
V90- V99, Y85		Water, Air, Space, and Other Unspecified Transport Accidents	T 37	0	0	0	0	0	0	2	1	1	0	6	5	6	5	8	2	1	0	0
			M 29	0	0	0	0	0	0	2	1	1	0	5	2	6	3	6	2	1	0	0
			F 8	0	0	0	0	0	0	0	0	0	0	1	3	0	2	2	0	0	0	0
W00- X59, Y86		Non-Transport Accidents	T 2,135	25	9	4	5	15	75	93	93	94	74	99	101	133	99	77	102	130	176	731
			M 1,236	17	7	2	5	12	67	73	65	65	50	74	70	92	70	48	73	80	96	270
			F 899	8	2	2	0	3	8	20	28	29	24	25	31	41	29	29	29	50	80	461
W00- W19		Falls	T 1,118	0	0	0	0	0	1	1	1	3	6	13	13	24	34	44	73	100	151	654
			M 525	0	0	0	0	0	1	1	1	2	6	9	9	19	22	28	51	57	81	238
			F 593	0	0	0	0	0	0	0	0	1	0	4	4	5	12	16	22	43	70	416
W32- W34		Accidental Discharge of Firearms	T 4	0	0	0	0	0	2	0	0	0	0	1	0	0	1	0	0	0	0	0
			M 4	0	0	0	0	0	2	0	0	0	0	1	0	0	1	0	0	0	0	0
			F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2016 Minnesota Health Statistics
Mortality Table 2. Deaths from Selected Causes by Age Group and Sex Minnesota Residents, 2016.

10th Revi- sion No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
	ALL CAUSES, Total	T 43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475
		M 21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331
		F 21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144
W65- W74	Accidental Drowning and Submersion	T 51	0	3	3	2	3	4	3	3	5	1	2	7	2	3	2	3	1	1	3
		M 44	0	3	2	2	3	4	2	3	4	1	2	6	1	3	2	2	1	1	2
		F 7	0	0	1	0	0	0	1	0	1	0	0	1	1	0	0	1	0	0	1
X00- X09	Accidental Exposure to Smoke, Fire, and Flames	T 34	0	2	0	1	1	0	2	1	3	0	1	1	4	6	2	3	4	2	1
		M 22	0	0	0	1	1	0	2	0	1	0	0	0	3	4	2	3	2	2	1
		F 12	0	2	0	0	0	0	0	1	2	0	1	1	1	2	0	0	2	0	0
X40- X49	Accidental Poisoning and Exposure to Noxious Substances	T 657	0	0	0	1	10	64	77	86	78	60	75	70	80	31	12	3	2	3	5
		M 467	0	0	0	1	8	57	61	60	54	37	56	46	51	21	7	3	1	1	3
		F 190	0	0	0	0	2	7	16	26	24	23	19	24	29	10	5	0	1	2	2
Re- sid- ual	Other Non-Transport Accidents and Their Sequelae	T 271	25	4	1	1	1	4	10	2	5	7	7	10	23	24	17	20	23	19	68
		M 174	17	4	0	1	0	3	7	1	4	6	6	9	18	19	9	14	19	11	26
		F 97	8	0	1	0	1	1	3	1	1	1	1	1	5	5	8	6	4	8	42
X60- X84, Y87.0	Intentional Self-Harm (Suicide)	T 745	0	0	0	9	39	64	68	68	63	56	68	72	75	62	35	27	10	15	14
		M 581	0	0	0	6	28	52	60	49	42	43	55	53	56	51	27	24	8	14	13
		F 164	0	0	0	3	11	12	8	19	21	13	13	19	19	11	8	3	2	1	1
X72- X74	By Discharge of Firearms	T 332	0	0	0	3	17	29	26	23	24	25	29	24	33	33	20	19	7	9	11
		M 300	0	0	0	3	16	27	23	19	20	22	25	19	30	31	19	19	7	9	11
		F 32	0	0	0	0	1	2	3	4	4	3	4	5	3	2	1	0	0	0	0
X60-X71, X75-X84, Y87.0	By Other and Unspecified Means and Their Sequelae	T 413	0	0	0	6	22	35	42	45	39	31	39	48	42	29	15	8	3	6	3
		M 281	0	0	0	3	12	25	37	30	22	21	30	34	26	20	8	5	1	5	2
		F 132	0	0	0	3	10	10	5	15	17	10	9	14	16	9	7	3	2	1	1
X85- Y09, Y87.1	Assault (Homicide)	T 132	5	2	2	2	9	20	16	14	12	9	11	8	7	1	9	2	1	0	2
		M 95	2	2	0	1	5	17	12	11	9	8	8	5	4	0	7	2	1	0	1
		F 37	3	0	2	1	4	3	4	3	3	1	3	3	3	1	2	0	0	0	1

* 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

** 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

2016 Minnesota Health Statistics
Mortality Table 2. Deaths from Selected Causes by Age Group and Sex Minnesota Residents, 2016.

10th Revi- sion No.	Cause of Death and Sex	Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
	ALL CAUSES, Total	T 43,050	357	60	42	49	130	267	314	359	441	488	790	1,347	2,129	2,842	3,303	3,771	4,444	5,442	16,475
		M 21,627	214	38	24	31	85	206	238	226	277	317	507	821	1,328	1,795	1,959	2,108	2,392	2,730	6,331
		F 21,423	143	22	18	18	45	61	76	133	164	171	283	526	801	1,047	1,344	1,663	2,052	2,712	10,144
X93- X95	By Discharge of Firearms	T 87	1	1	1	2	8	14	12	12	8	6	4	8	6	1	2	0	1	0	0
		M 64	1	1	0	1	4	13	8	10	7	5	3	5	3	0	2	0	1	0	0
		F 23	0	0	1	1	4	1	4	2	1	1	1	3	3	1	0	0	0	0	0
X85-X92, X96-Y09, Y87.1	By Other and Unspecified Means and Their Sequelae	T 45	4	1	1	0	1	6	4	2	4	3	7	0	1	0	7	2	0	0	2
		M 31	1	1	0	0	1	4	4	1	2	3	5	0	1	0	5	2	0	0	1
		F 14	3	0	1	0	0	2	0	1	2	0	2	0	0	0	2	0	0	0	1
Y35, Y89.0	Legal Intervention	T 7	0	0	0	0	0	0	1	3	0	0	1	1	0	1	0	0	0	0	0
		M 7	0	0	0	0	0	0	1	3	0	0	1	1	0	1	0	0	0	0	0
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Y10- Y34, Y87.2,Y89.9	Events of Undetermined Intent	T 76	1	2	0	0	5	3	9	2	10	1	5	11	8	10	0	3	4	1	1
		M 56	0	1	0	0	5	2	7	0	9	1	4	9	4	6	0	3	4	1	0
		F 20	1	1	0	0	0	1	2	2	1	0	1	2	4	4	0	0	0	0	1
Y22- Y24	By Discharge of Firearms	T 2	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
		M 1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		F 1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Y10-Y21, Y25-Y34, Y87.2,Y89.9	By Other and Unspecified Means and Their Sequelae	T 74	1	2	0	0	5	3	9	1	10	1	5	10	8	10	0	3	4	1	1
		M 55	0	1	0	0	5	2	7	0	9	1	4	8	4	6	0	3	4	1	0
		F 19	1	1	0	0	0	1	2	1	1	0	1	2	4	4	0	0	0	0	1
Y36, Y89.1	Operations of War and Their Sequelae	T 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Y40- Y84, Y88	Complications of Medical and Surgical Care	T 38	0	1	1	0	0	0	0	2	0	1	0	3	6	2	5	4	3	3	7
		M 20	0	1	1	0	0	0	0	1	0	0	0	0	2	2	5	4	1	1	2
		F 18	0	0	0	0	0	0	0	1	0	1	0	3	4	0	0	0	2	2	5

Mortality Table 3a. Deaths Due to Selected Causes by Race, Minnesota Residents, 2016.

	Total ¹	White	African American	American Indian	Asian and Pacific Islander	Other/Unknown	Hispanic ¹
TOTAL - ALL CAUSES	43,050	40,288	1,365	597	652	148	483
TOTAL - Natural Causes	39,391	37,052	1,147	474	595	123	378
HIV Disease	35	22	13				1
Malignant Neoplasms	9,845	9,234	303	94	177	37	105
Stomach	139	114	7	2	13	3	6
Colon, Rectum and Anus	826	777	21	9	16	3	10
Pancreas	732	683	28	2	17	2	7
Trachea, Bronchus, Lung	2,330	2,200	63	31	33	3	11
Breast	607	579	17	4	6	1	3
Cervix, Uterus, Ovary	438	410	15	2	10	1	4
Prostate	531	505	15	5	6		2
Non-Hodgkins Lymphoma	374	356	9	3	4	2	4
Leukemia	418	401	8	2	4	3	10
Other Malignancies	3,450	3,209	120	34	68	19	48
Diabetes Mellitus	1,269	1,112	75	51	26	5	18
Alzheimer's Disease	2,220	2,182	15	7	11	5	9
Major Cardiovascular	11,014	10,415	310	107	156	26	92
Diseases of the Heart	7,823	7,441	205	83	79	15	65
Essential Hypertension & Hypertensive Renal	569	531	25	3	9	1	3
Cerebrovascular	2,197	2,039	73	17	60	8	19
Other Circulatory	425	404	7	4	8	2	5
Influenza & Pneumonia	527	481	14	15	14	3	7
Chronic Lower Respiratory Diseases	2,368	2,255	55	31	24	3	8
Chronic Liver Disease and Cirrhosis	595	524	23	28	11	9	25
Nephritis, Nephrotic Syndrome, and Nephrosis	593	552	20	6	14	1	7
Pregnancy/Childbirth	13	9	3	1			1
All Other Diseases	10,912	10,266	316	134	162	34	105
Total Accidents	2,661	2,383	140	87	33	18	67
Motor Vehicle Accidents	477	412	27	21	11	6	26
Intentional Self-Harm (Suicide)	745	677	25	19	20	4	20
Assault (Homicide)	132	76	45	7	2	2	11
Other External Causes	121	100	8	10	2	1	7

¹Total includes Other and Unknown race²Hispanic ethnicity is reported separately from race. Persons of Hispanic origin may be from any racial group.**Note:** see Table 3A for crude rates.

Mortality Table 3b. Crude Death Rates¹ per 100,000 for Selected Causes by Race, Minnesota Residents, 2016

	Total	White	African American	American Indian	Asian and Pacific Islander	Hispanic ²
TOTAL - ALL CAUSES	778.7	846.3	355.6	701.9	224.5	166.9
TOTAL - Natural Causes						
HIV Disease	0.6	-	-	-	-	-
Malignant Neoplasms	178.1	194.0	78.9	110.5	61.0	36.3
Stomach	2.5	2.4	-	-	-	-
Colon, Rectum and Anus	14.9	16.3	5.5	-	-	-
Pancreas	13.2	14.3	7.3	-	-	-
Trachea, Bronchus, Lung	42.1	46.2	16.4	36.4	11.4	-
Breast	11.0	12.2	4.4	-	-	-
Cervix, Uterus, Ovary	7.9	8.6	-	-	-	-
Prostate	9.6	10.6	3.9	-	-	-
Non-Hodgkins Lymphoma	6.8	7.5	-	-	-	-
Leukemia	7.6	8.4	-	-	-	-
Other Malignancies	62.4	67.4	31.3	40.0	23.4	16.6
Diabetes Mellitus	23.0	23.4	19.5	60.0	9.0	-
Alzheimer's Disease	40.2	45.8	3.9	-	-	-
Major Cardiovascular	199.2	218.8	80.8	125.8	53.7	31.8
Diseases of the Heart	141.5	156.3	53.4	97.6	27.2	22.5
Essential Hypertension & Hypertensive Renal	10.3	11.2	6.5	-	-	-
Cerebrovascular	39.7	42.8	19.0	-	20.7	6.6
Other Circulatory	7.7	8.5	-	-	-	-
Influenza & Pneumonia	9.5	10.1	-	-	-	-
Chronic Lower Respiratory Diseases	42.8	47.4	14.3	36.4	-	-
Chronic Liver Disease and Cirrhosis	10.8	11.0	6.0	32.9	-	-
Nephritis, Nephrotic Syndrome, and Nephrosis	10.7	11.6	5.2	-	-	-
Pregnancy/Childbirth	-	0.2	-	-	-	-
All Other Diseases	197.4	215.6	82.3	157.6	55.8	36.3
		0.0	0.0			
Total Accidents	48.1	50.1	36.5	102.3	11.4	23.1
Motor Vehicle Accidents	8.6	8.7	-	-	-	-
Intentional Self-Harm (Suicide)	13.5	14.2	6.5	-	6.9	-
Assault (Homicide)	2.4	1.6	11.7	-	-	-
Other External Causes	2.2	2.1	-	-	-	-

¹Rates not computed for counts <20²Hispanic origin is reported separately from race. Persons of Hispanic origin may be from any racial group.

Note: see Table 3 for counts.

Mortality Table 4.2. MN Twelve Leading Causes of Death¹, Death Rates per 100,000 Population, Percent of Total Deaths, and Rank Order, Minnesota Residents, 2016.

Cause of Death	Minnesota			RANK	United States	
	Number of Deaths	Death Rates	Percent of Total		Death Rates	RANK
Malignant Neoplasms [Cancer] (C00-C97)	9,845	178.1	22.9	1	158.5	2
Diseases of the Heart (I00-I09,I11,I13,I20-I51)	7,823	141.5	18.2	2	168.5	1
Accidents (V01-X59,Y85-Y86)	2,661	48.1	6.2	3	43.2	4
Motor Vehicle ²	477	8.6	1.1		--	
Falls (W00-W19)	1,118	20.2	2.6		--	
Chronic Lower Respiratory Diseases (J40-J47)	2,368	42.8	5.5	4	41.6	3
Alzheimer's Disease (G30)	2,220	40.2	5.2	5	29.4	6
Cerebrovascular Diseases [Stroke] (I60-I69)	2,197	39.7	5.1	6	37.6	5
Diabetes Mellitus (E10-E14)	1,269	23.0	2.9	7	21.3	7
Intentional Self-harm [Suicide] (X60-X84,Y87.0)	745	13.5	1.7	8	13.3	10
Parkinsons (G20, G21)	656	11.9	1.5	9	--	
Chronic Liver Disease and Cirrhosis (K70,K73-K74)	595	10.8	1.4	10	--	
Nephritis, Nephrotic Syndrome, and Nephrosis [Kidney disease] (N00-N07,N17-N19,N25-N27)	593	10.7	1.4	11	13.4	9
Essential Hypertension and Hypertensive Renal Disease (I10,I12)	569	10.3	1.3	12	--	
Influenza and Pneumonia (J10-J18)	527	9.5	1.2	13	15.2	8
Influenza (J10-J11)	50	0.9	0.1		--	
Pneumonia (J12-J18)	477	8.7	1.1		--	
All Other Causes	11,638	210.5	27.0			
Total - All Causes	43,050	778.7	100.0			

¹These are the 10 leading causes of death for residents of Minnesota listed in descending order of prevalence. MN rates and rank order are compared with US rates and rank order.

²Motor Vehicle cause codes: 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

Mortality Table 5. Leading Causes of Death by Age Groups, Minnesota Residents, 2016

	Age/Cause Specific Death Rate			Age/Cause Specific Death Rate			
	No. of Deaths	%	Per 100,000 Population	No. of Deaths	%	Per 100,000 Population	
1-4 Years				35-49 Years			
Total - all causes	60	100.0	21.2	Total - all causes	1,719	100.0	167.9
Accidents	13	21.7	4.6	Malignant Neoplasms	330	19.2	32.2
Motor Vehicle	4	6.7	1.4	Accidents	360	20.9	35.2
Congenital Anomalies	9	15.0	3.2	Motor Vehicle	85	4.9	8.3
Malignant Neoplasm	5	8.3	1.8	Diseases of the Heart	251	14.6	24.5
Influenza & Pneumonia	4	6.7	1.4	Intentional Self-Harm	187	10.9	18.3
				Liver Disease, Cirrhosis	91	5.3	8.9
5-9 Years				50-64 Years			
Total - all causes	42	100.0	11.7	Total - all causes	6,318	100.0	564.2
Accidents	11	44.0	3.1	Malignant Neoplasms	2,229	35.3	199.0
Motor Vehicle	7	16.7	1.9	Diseases of the Heart	990	15.7	88.4
Malignant Neoplasms	11	26.2	3.1	Accidents	455	7.2	40.6
				Motor Vehicle	104	1.6	9.3
				Liver Disease, Cirrhosis	285	4.5	25.4
				Diabetes Mellitus	239	3.8	21.3
				Chronic Lower			
				Respiratory Diseases	233	3.7	20.8
				Intentional Self-Harm	209	3.3	18.7
10-14 Years				65-74 Years			
Total - all causes	49	100.0	13.6	Total - all causes	7,074	100.0	1,497.9
Accidents	12	24.5	3.3	Malignant Neoplasms	2,583	36.5	547.0
Motor Vehicle	7	14.3	1.9	Diseases of the Heart	1,087	15.4	230.2
Intentional Self-Harm	9	18.4	2.5	Chronic Lower			
Malignant Neoplasms	9	18.4	2.5	Respiratory Diseases	536	7.6	113.5
				Diabetes Mellitus	288	4.1	61.0
				Cerebrovascular Diseases	262	3.7	55.5
				Accidents	242	3.4	51.2
				Falls	117	1.7	24.8
				Motor Vehicle	52	0.7	11.0
15-19 Years				75 Years and Over			
Total - all causes	130	100.0	36.5	Total - all causes	26,361	100.0	7,322.9
Accidents	43	33.1	12.1	Diseases of the Heart	5,440	20.6	1,511.2
Motor Vehicle	27	20.8	7.6	Malignant Neoplasms	4,594	17.4	1,276.2
Intentional Self-Harm	39	30.0	11.0	Alzheimer's Disease	2,082	7.9	578.4
Malignant Neoplasms	12	9.2	3.4	Cerebrovascular Diseases	1,699	6.4	472.0
Assault (Homicide)	9	6.9	2.5	Chronic Lower			
				Respiratory Diseases	1,570	6.0	436.1
				Accidents	1,110	4.2	308.4
				Falls	905	3.4	251.4
20-34 Years							
Total - all causes	940	100.0	84.3				
Accidents	389	41.4	34.9				
Motor Vehicle	121	12.9	10.8				
Intentional Self-Harm	200	21.3	17.9				
Malignant Neoplasms	72	7.7	6.5				
Assault (Homicide)	45	4.8	4.0				
Diseases of the Heart	42	4.5	3.8				

NOTE: Leading causes only include those with a count of 3 or more.

Mortality Table 6a. Deaths Due to Selected Causes by Education, Decedents Ages 25+, Minnesota Residents, 2016.

	Total	< High School	H.S. Grad/ G.E.D.	Some College	B.A./B.S./ Asso. Deg.	Post Grad Degree
Total - All Causes	41,915	7,254 17.3%	17,970 42.9%	5,160 12.3%	9,208 22.0%	2,323 5.5%
Malignant Neoplasms	9,764	1,269 13.0%	4,127 42.3%	1,298 13.3%	2,434 24.9%	636 6.5%
Colon, Rectum and Anus	825	125 15.2%	356 43.2%	108 13.1%	192 23.3%	44 5.3%
Pancreas	729	72 9.9%	293 40.2%	92 12.6%	211 28.9%	61 8.4%
Trachea, Bronchus, Lung	2,373	376 15.8%	1,122 47.3%	308 13.0%	490 20.6%	77 3.2%
Breast	605	47 7.8%	244 40.3%	88 14.5%	180 29.8%	46 7.6%
Diabetes Mellitus	1,248	237 19.0%	518 41.5%	150 12.0%	282 22.6%	61 4.9%
Alzheimer's Disease	2,215	395 17.8%	972 43.9%	221 10.0%	498 22.5%	129 5.8%
Major Cardiovascular	10,917	2,170 19.9%	4,654 42.6%	1,259 11.5%	2,277 20.9%	557 5.1%
Diseases of Heart	7,760	1,543 19.9%	3,311 42.7%	898 11.6%	1,626 21.0%	382 4.9%
Cerebrovascular	2,172	423 19.5%	937 43.1%	247 11.4%	451 20.8%	114 5.2%
Influenza & Pneumonia	512	112 21.9%	216 42.2%	53 10.4%	108 21.1%	23 4.5%
Chronic Lower Respiratory Diseases	2,350	520 22.1%	1,129 48.0%	270 11.5%	363 15.4%	68 2.9%
Chronic Liver Disease and Cirrhosis	588	72 12.2%	268 45.6%	100 17.0%	127 21.6%	21 3.6%
Nephritis, Nephrotic Syndrome and Nephrosis	589	124 21.1%	248 42.1%	67 11.4%	117 19.9%	33 5.6%
All Accidents	2,417	394 16.3%	1,029 42.6%	358 14.8%	511 21.1%	125 5.2%
Motor Vehicle Accidents	384	45 11.7%	176 45.8%	58 15.1%	89 23.2%	16 4.2%
Falls	1,112	204 18.3%	460 41.4%	130 11.7%	246 22.1%	72 6.5%
Intentional Self-Harm (Suicide)	632	67 10.6%	224 35.4%	106 16.8%	185 29.3%	50 7.9%

Note: decedents with unknown education are not included in the table.

Mortality Table 6b. Deaths Due to Selected Causes by Education, Decedents Ages 25+, Minnesota Residents, 2016.

	Total	< High School	H.S. Grad/ G.E.D.	Some College	B.A./B.S./ Asso. Deg.	Post Grad Degree
Total - All Causes	41,915	7,254 100.0%	17,970 100.0%	5,160 100.0%	9,208 100.0%	2,323 100.0%
Malignant Neoplasms	9,764	1,269 17.5%	4,127 23.0%	1,298 25.2%	2,434 26.4%	636 27.4%
Colon, Rectum and Anus	825	125 1.7%	356 2.0%	108 2.1%	192 2.1%	44 1.9%
Pancreas	729	72 1.0%	293 1.6%	92 1.8%	211 2.3%	61 2.6%
Trachea, Bronchus, Lung	2,373	376 5.2%	1,122 6.2%	308 6.0%	490 5.3%	77 3.3%
Breast	605	47 0.6%	244 1.4%	88 1.7%	180 2.0%	46 2.0%
Diabetes Mellitus	1,248	237 3.3%	518 2.9%	150 2.9%	282 3.1%	61 2.6%
Alzheimer's Disease	2,215	395 5.4%	972 5.4%	221 4.3%	498 5.4%	129 5.6%
Major Cardiovascular	10,917	2,170 29.9%	4,654 25.9%	1,259 24.4%	2,277 24.7%	557 24.0%
Diseases of Heart	7,760	1,543 21.3%	3,311 18.4%	898 17.4%	1,626 17.7%	382 16.4%
Cerebrovascular	2,172	423 5.8%	937 5.2%	247 4.8%	451 4.9%	114 4.9%
Influenza & Pneumonia	512	112 1.5%	216 1.2%	53 1.0%	108 1.2%	23 1.0%
Chronic Lower Respiratory Diseases	2,350	520 7.2%	1,129 6.3%	270 5.2%	363 3.9%	68 2.9%
Chronic Liver Disease and Cirrhosis	588	72 1.0%	268 1.5%	100 1.9%	127 1.4%	21 0.9%
Nephritis, Nephrotic Syndrome and Nephrosis	589	124 1.7%	248 1.4%	67 1.3%	117 1.3%	33 1.4%
All Accidents	2,417	394 5.4%	1,029 5.7%	358 6.9%	511 5.5%	125 5.4%
Motor Vehicle Accidents	384	45 0.6%	176 1.0%	58 1.1%	89 1.0%	16 0.7%
Falls	1,112	204 2.8%	460 2.6%	130 2.5%	246 2.7%	72 3.1%
Intentional Self-Harm (Suicide)	632	67 0.9%	224 1.2%	106 2.1%	185 2.0%	50 2.2%

Notes: decedents with unknown education are not included in the table.

Leading cause is highlighted in Yellow, Second leading cause in Blue.