

2017 Minnesota County Health Tables

2017 DATA BY STATE, COUNTY, AND COMMUNITY HEALTH BOARD

12/31/2018

2017 MINNESOTA COUNTY HEALTH TABLES

2017 MN County Health Tables

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Introduction

The Minnesota County Health Tables are a compilation of health statistics presented for the state of Minnesota, its 87 counties, and the Community Health Boards (CHB). These statistics are for the Minnesota resident population. Beginning in 2017, we added data, where available, for the five metro area city-specific CHBs (i.e., Bloomington, Edina, Minneapolis, Richfield, and St. Paul). The County Health Tables have undergone a few changes mostly in terms of the layout and the classifications used for some key variables. For these variables, the changes mean that 2017 statistics are not comparable to 2016 or earlier statistics. All users of this document are encouraged to read the introductory notes about the changes so the tables and data can be interpreted appropriately. The following section provides an overview of the changes to the tables included in each section of the County Health Tables. This is followed by a section describing changes in the reporting of race/ethnicity data that will affect comparability with statistics from previous years. A glossary of terms can be found at the end of this report.

Section-Specific Changes

Demographics Section

The demographics section represents an overview of the birth, fertility, and mortality statistics, as well as an overview of the sociodemographic characteristics of Minnesota residents by state, county, and CHB. Table 2 still presents population estimates by race/Hispanic group, but the classification of race/ethnicity has changed in accordance with national standards (see the Race/Ethnicity section at the end of the Introduction). Table 3 (selected age groups) and Table 4 (elderly) were combined to create a new Table 3, which encompasses all selected age groups. The data from the Minnesota Department of Education on educational enrollment by race/ethnicity (former Table 9, now Table 8) has also changed the race/ethnicity reporting in keeping with their national standards, which are not the same as the rest of the tables that include race/ethnicity in this report. See the footnote at the bottom of Table 9 for additional information. All other tables in this section remained the same except with renumbering.

Birth Section

The birth section had a number of changes. The tables were reordered and renumbered, and some companion tables with counts now accompany tables that previously just had rates or percentages. This affects Tables 4 (Teen Birth), Table 7 (Socioeconomics), Table 8 (Prenatal Care), Table 9 (Delivery Route), Table 10 (Preterm & Low Birthweight). Each of these tables is now presented as two tables; Table A (counts) and Table B (rates or percentages). The reason for this is that rates and percentages cannot be reliably calculated when there are fewer than 20 in a category (see Data Suppression section in Appendix A). Thus, we included the actual counts for county public health purposes. Table 8, former Table 4, uses a new index of adequacy of prenatal care utilization.

Two key variables reported in the birth section that have changed are gestational age and adequacy of prenatal care. In keeping with national reporting standards, the Minnesota reports are using new methods to calculate and classify these variables. Gestational age was previously calculated based on documented last menstrual period. Beginning in 2017, gestational age is

based on clinician's estimate. Comparisons of the classifications are remarkably similar, except that clinician's estimate has fewer missing cases. This change in the classification of gestational age may affect the distributions of preterm births and prenatal care utilization estimates as these indices use gestational age in their calculations.

Starting in 2017, Kotelchuck's Adequacy of Prenatal Care Utilization (APNCU) replaced the GINDEX, in keeping with the standards for national reporting. It should be noted that the APNCU results in a different distribution of the adequacy of prenatal care than provided by the previously used GINDEX; thus, previous years' adequacy measures are not comparable. Specifically, in national data, the APNCU identified both a greater number of intensive and slightly more inadequate PNC users than the GINDEX. See Appendix B for additional information on the calculation of adequacy of prenatal care.

Mortality Section

The most noticeable change to the mortality section is the layout and addition of several tables. Tables 1 to 4 are essentially the same. Table 2 still presents number of deaths by age group. However, the previous seven age groups have been expanded to 10 categories that represent standard reporting categories and match the population age groups reported in the demographic tables and in the Annual Summary. New Table 5 adds cause-specific crude mortality rates (based on Table 4 counts) for the 10 leading causes of death (LCOD). New Table 6 now presents cause-specific death counts using five years of data. These counts are then used to calculate age-adjusted cause-specific mortality rates. Similarly, Tables 8 and 9 (formerly Tables 5 and 6), present cause-specific premature death counts and age-adjusted mortality rates using five years of data.

Race/Hispanic Ethnicity Data Collection and Reporting

More than one race may be selected when reporting race of mother and father on a birth record or fetal death report and race of decedent on a death record. In 2017, approximately 2.7% of Minnesota resident birth mothers chose more than one race, while approximately 1.9% of resident death records indicated multiple races.

For those who report more than one race, a bridged-race code is generated by the National Center for Health Statistics (NCHS), assigning that individual to one of the four race categories of White, Black, American Indian, or Asian/Pacific Islander, allowing for statistical comparisons to previous years' data. Due to the small number of multi-race persons in Minnesota, this generated code has little or no effect on the percentages and rates by race reported in this publication.

Beginning with reporting year 2017 race/ethnicity data reporting changed from reporting race and Hispanic ethnicity separately to reporting each non-Hispanic race group individually. All birth and death events to those identified as Hispanic are included in the Hispanic group regardless of any other reported races. The final set of mutually exclusive groups are now: non-Hispanic White, non-Hispanic Black, non-Hispanic American Indian, non-Hispanic Asian or other

Pacific Islander, non-Hispanic Other or Unknown, and Hispanic. These changes are based on National Vital Statistics System (NVSS) and NCHS practices for reporting race and ethnicity.

The change in race/ethnicity reporting will affect the counts and distributions of the race groups, as they will now only include the non-Hispanic subset of each race group. This reduces the White group by about 5%, the Black group by about 1.5%, the American Indian group by about 8%, and the Asian/Pacific/Islander group by less than 1%. Additionally, 96% of the other or unknowns identify only as Hispanic. Hispanics are no longer included within each race group, which has the effect of increasing or decreasing a specific group's statistic based on whether Hispanics in that group had higher or lower rates than the remaining population of that group. This will result in greater changes than would be expected from one year to another in non-Hispanic race groups' statistics. The greatest changes will be for the American Indian group since 8% identified as Hispanic and are no longer included. This change does not affect the Hispanic results, as that group has always included any self-identified Hispanic regardless of race.

Geographic Allocation

Vital events are classified geographically in two ways. The first is by place of occurrence, (i.e., the state, county, and city in which the birth or death took place). The second and more customary way is by place of residence, (i.e., the state, county, and city that is the usual residence of the decedent in the case of a death or of the mother in the case of a birth). Fetal deaths and infant deaths in cases where the child was never discharged from the hospital are classified to the residence of the mother. While occurrence statistics are accurate and have both administrative value and some statistical importance, resident statistics are the more useful tool when constructing health indices for planning and evaluation purposes. The statistics provided in this report are residence data unless otherwise stated.

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Demographic Tables

Table 1. Population Estimates by Age and Sex, 2017

Table 2. Population Estimates by Race and Ethnicity, 2017

Table 3. Selected Minnesota Age-Specific Populations, 2017

Table 4. Population per Square Mile, Minnesota, 2017

Table 5. Selected Socioeconomic Statistics, Minnesota Residents, 2017

Table 6. MinnesotaCare Program Enrollment, Minnesota Residents, 2017

Table 7. Medical Assistance Program Enrollment, Minnesota Residents, 2017

Table 8. School Enrollment by Race/Ethnicity, 2017-2018 School Year

Table 9. Child Maltreatment Statistics, Minnesota Residents, 2017

Table 10. Out of Home Placements, Minnesota Residents, 2017

6/6/2019

Data for Tables 9 and 10 were updated due to data entry errors and missing state totals.

Table 1. County Population Estimates¹ by Age and Sex, 2017.

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,838	139,601	176,223	179,935	174,958	549,773	512,377	562,044	334,225	136,786	2,799,760
State of Minnesota	M	35,513	146,279	184,050	187,292	181,958	571,800	525,773	554,983	303,253	85,945	2,776,846
Aitkin	F	56	235	342	411	345	913	1,018	1,932	1,949	605	7,806
Aitkin	M	59	221	440	440	361	889	1,072	1,965	2,046	530	8,023
Anoka	F	2,058	8,723	11,296	12,042	10,692	32,417	34,844	37,604	19,830	6,100	175,606
Anoka	M	2,146	9,172	11,844	12,263	11,541	33,869	35,799	37,481	17,707	3,945	175,767
Becker	F	199	884	1,193	1,203	1,051	2,683	2,719	3,586	2,636	974	17,128
Becker	M	206	869	1,140	1,241	1,102	2,604	2,868	3,666	2,606	668	16,970
Beltrami	F	333	1,311	1,698	1,497	1,743	5,044	3,623	4,218	2,767	1,099	23,333
Beltrami	M	343	1,415	1,829	1,597	1,836	5,311	3,518	3,958	2,603	770	23,180
Benton	F	281	1,122	1,394	1,418	1,173	4,126	3,816	3,575	2,013	1,057	19,975
Benton	M	294	1,243	1,411	1,411	1,208	4,279	3,972	3,731	1,837	576	19,962
Big Stone	F	28	112	145	141	136	340	336	579	427	286	2,530
Big Stone	M	28	112	160	156	127	379	358	605	399	172	2,496
Blue Earth	F	362	1,392	1,824	1,709	3,045	9,557	4,956	5,311	3,350	1,647	33,153
Blue Earth	M	378	1,599	2,002	1,858	2,829	10,547	5,291	5,302	3,096	918	33,820
Brown	F	140	529	744	743	791	2,179	1,921	2,734	1,778	1,097	12,656
Brown	M	148	598	849	856	857	2,254	1,980	2,665	1,683	648	12,538
Carlton	F	174	748	1,103	1,197	978	2,691	3,113	3,699	2,247	1,005	16,955
Carlton	M	183	779	1,173	1,265	1,169	3,475	3,753	3,956	2,180	610	18,543
Carver	F	579	2,714	3,796	4,006	3,727	8,459	11,053	10,666	4,652	1,781	51,433
Carver	M	611	2,833	3,904	4,259	3,839	8,230	10,990	10,743	4,236	1,041	50,686
Cass	F	156	634	819	887	731	2,022	2,074	3,417	2,827	807	14,374
Cass	M	163	740	940	938	790	2,023	2,206	3,442	3,054	685	14,981
Chippewa	F	84	352	385	384	315	938	928	1,257	900	481	6,024
Chippewa	M	87	338	382	403	330	1,092	956	1,231	837	300	5,956
Chisago	F	294	1,231	1,644	1,854	1,738	4,420	5,178	6,067	3,186	1,115	26,727
Chisago	M	307	1,331	1,797	1,947	1,862	5,259	5,718	6,376	3,223	761	28,581
Clay	F	435	1,775	2,218	1,981	2,781	7,806	5,497	5,119	3,016	1,532	32,160
Clay	M	459	1,962	2,272	2,072	2,438	7,679	5,726	5,114	2,734	953	31,409
Clearwater	F	52	221	306	330	240	651	712	929	648	269	4,358
Clearwater	M	55	226	336	320	287	713	767	923	673	220	4,520
Cook	F	27	109	105	111	101	411	404	706	568	175	2,717
Cook	M	28	98	122	123	114	369	436	657	608	126	2,681

Table 1. County Population Estimates¹ by Age and Sex, 2017.

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,838	139,601	176,223	179,935	174,958	549,773	512,377	562,044	334,225	136,786	2,799,760
State of Minnesota	M	35,513	146,279	184,050	187,292	181,958	571,800	525,773	554,983	303,253	85,945	2,776,846
Cottonwood	F	68	316	348	375	319	819	900	1,127	898	513	5,683
Cottonwood	M	73	344	370	382	365	883	877	1,150	830	338	5,612
Crow Wing	F	343	1,505	1,895	1,960	1,727	5,132	5,189	7,132	5,482	2,000	32,365
Crow Wing	M	363	1,492	2,007	2,081	1,879	5,260	5,317	6,987	5,284	1,389	32,059
Dakota	F	2,544	10,824	13,950	14,486	12,953	39,516	42,517	45,146	23,945	8,113	213,994
Dakota	M	2,660	11,541	14,675	15,194	13,758	40,128	41,770	42,696	20,213	5,122	207,757
Dodge	F	123	516	758	798	731	1,764	2,054	2,037	1,122	470	10,373
Dodge	M	130	551	772	821	742	1,793	2,082	2,107	1,075	316	10,389
Douglas	F	208	885	1,062	1,129	974	3,056	3,027	4,030	3,083	1,351	18,805
Douglas	M	220	874	1,126	1,225	1,073	3,246	3,178	3,894	2,987	947	18,770
Faribault	F	74	285	390	445	386	982	1,088	1,510	1,098	637	6,895
Faribault	M	78	318	434	448	464	1,039	1,148	1,564	1,031	365	6,889
Fillmore	F	127	526	696	693	606	1,573	1,653	2,234	1,500	848	10,456
Fillmore	M	133	574	787	769	628	1,594	1,816	2,254	1,475	494	10,524
Freeborn	F	155	682	894	966	830	2,375	2,412	3,275	2,468	1,231	15,288
Freeborn	M	161	746	959	999	900	2,515	2,595	3,366	2,203	803	15,247
Goodhue	F	243	1,057	1,434	1,494	1,255	3,693	4,018	5,241	3,286	1,538	23,259
Goodhue	M	253	1,064	1,471	1,550	1,529	3,905	4,059	5,215	3,062	937	23,045
Grant	F	33	159	191	189	139	438	458	627	482	229	2,945
Grant	M	35	158	190	201	150	470	507	613	500	172	2,996
Hennepin	F	8,172	31,799	37,305	36,811	35,145	144,516	121,614	121,017	68,782	27,305	632,466
Hennepin	M	8,561	32,999	38,477	38,182	36,499	148,636	124,151	117,255	58,432	16,366	619,558
Houston	F	91	406	508	584	499	1,354	1,562	2,256	1,372	679	9,311
Houston	M	95	442	553	648	549	1,449	1,608	2,192	1,377	436	9,349
Hubbard	F	100	443	590	642	555	1,294	1,634	2,501	1,979	633	10,371
Hubbard	M	106	485	665	644	566	1,432	1,643	2,489	2,069	548	10,647
Isanti	F	221	960	1,302	1,312	1,173	3,487	3,673	4,167	2,430	894	19,619
Isanti	M	226	1,015	1,365	1,463	1,255	3,634	3,749	4,466	2,228	562	19,963
Itasca	F	226	907	1,200	1,378	1,217	3,159	3,682	5,243	3,868	1,449	22,329
Itasca	M	237	1,008	1,349	1,438	1,436	3,383	3,833	5,177	3,888	1,059	22,808
Jackson	F	51	217	281	314	268	709	815	1,053	720	422	4,850
Jackson	M	56	236	294	339	322	814	881	1,157	709	288	5,096

Table 1. County Population Estimates¹ by Age and Sex, 2017.

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,838	139,601	176,223	179,935	174,958	549,773	512,377	562,044	334,225	136,786	2,799,760
State of Minnesota	M	35,513	146,279	184,050	187,292	181,958	571,800	525,773	554,983	303,253	85,945	2,776,846
Kanabec	F	76	348	458	499	462	1,134	1,416	1,811	1,270	428	7,902
Kanabec	M	78	348	434	550	504	1,290	1,413	1,946	1,257	302	8,122
Kandiyohi	F	284	1,127	1,421	1,395	1,216	3,658	3,452	4,455	2,849	1,393	21,250
Kandiyohi	M	297	1,201	1,420	1,579	1,366	4,094	3,577	4,364	2,717	878	21,493
Kittson	F	18	80	128	124	133	261	319	490	343	209	2,105
Kittson	M	19	94	124	129	131	320	323	525	366	114	2,145
Koochiching	F	48	214	310	319	392	833	1,001	1,552	1,125	448	6,242
Koochiching	M	50	215	319	347	375	919	989	1,617	1,116	339	6,286
Lac Qui Parle	F	29	121	169	192	175	448	489	736	587	386	3,332
Lac Qui Parle	M	31	124	222	203	193	441	513	806	567	253	3,353
Lake	F	49	188	259	261	239	681	812	1,277	923	423	5,112
Lake	M	52	211	291	292	280	760	860	1,331	984	351	5,412
Lake Of The Woods	F	18	68	88	106	83	239	285	482	320	130	1,819
Lake Of The Woods	M	19	84	90	109	90	254	286	549	361	83	1,925
Le Sueur	F	150	633	893	1,011	876	2,280	2,598	2,915	1,849	737	13,942
Le Sueur	M	158	677	979	1,019	931	2,252	2,728	3,151	1,833	441	14,169
Lincoln	F	33	132	181	189	143	383	427	550	471	302	2,811
Lincoln	M	34	158	200	203	152	433	456	615	408	208	2,867
Lyon	F	180	710	865	830	985	2,524	2,191	2,438	1,400	795	12,918
Lyon	M	199	805	984	872	990	2,606	2,306	2,410	1,289	452	12,913
Mcleod	F	203	891	1,057	1,199	1,100	3,034	3,163	3,710	2,482	1,132	17,971
Mcleod	M	213	878	1,136	1,299	1,131	3,265	3,339	3,677	2,235	740	17,913
Mahnomen	F	47	210	264	196	172	445	427	499	370	153	2,783
Mahnomen	M	49	192	312	229	220	408	421	541	335	106	2,813
Marshall	F	54	245	305	300	290	688	724	984	666	372	4,628
Marshall	M	56	234	286	284	272	795	790	1,099	672	240	4,728
Martin	F	111	439	571	615	573	1,511	1,502	2,190	1,575	944	10,031
Martin	M	116	462	607	620	577	1,592	1,555	2,236	1,484	570	9,819
Meeker	F	134	572	743	859	701	1,683	1,920	2,400	1,619	746	11,377
Meeker	M	136	592	838	824	771	1,857	1,998	2,583	1,637	518	11,754
Mille Lacs	F	153	648	876	870	722	2,086	2,294	2,705	1,789	715	12,858
Mille Lacs	M	163	689	856	959	875	2,156	2,386	2,802	1,660	468	13,014

Table 1. County Population Estimates¹ by Age and Sex, 2017.

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,838	139,601	176,223	179,935	174,958	549,773	512,377	562,044	334,225	136,786	2,799,760
State of Minnesota	M	35,513	146,279	184,050	187,292	181,958	571,800	525,773	554,983	303,253	85,945	2,776,846
Morrison	F	191	796	1,053	1,083	929	2,548	2,813	3,583	2,298	1,062	16,356
Morrison	M	203	818	1,165	1,180	1,048	2,722	2,924	3,745	2,242	661	16,708
Mower	F	249	1,015	1,397	1,318	1,193	3,371	3,359	3,750	2,508	1,577	19,737
Mower	M	260	1,028	1,406	1,460	1,365	3,661	3,521	3,897	2,342	889	19,829
Murray	F	44	178	231	260	245	579	642	900	703	378	4,160
Murray	M	46	203	282	254	247	597	642	913	734	268	4,186
Nicollet	F	180	751	1,029	1,078	1,439	3,463	2,916	3,092	2,009	854	16,811
Nicollet	M	183	866	1,049	1,093	1,256	3,810	3,197	3,199	1,951	551	17,155
Nobles	F	189	680	843	741	708	1,898	1,725	1,908	1,210	713	10,615
Nobles	M	191	702	800	804	755	2,323	1,958	2,161	1,211	424	11,329
Norman	F	35	172	193	220	209	446	554	708	446	272	3,255
Norman	M	36	153	235	217	230	543	544	731	469	184	3,342
Olmsted	F	1,041	4,312	5,156	5,261	4,493	15,963	14,514	15,535	9,112	3,902	79,289
Olmsted	M	1,107	4,318	5,396	5,446	4,489	15,556	14,612	14,479	7,676	2,562	75,641
Otter Tail	F	332	1,334	1,736	1,780	1,567	4,115	4,324	6,661	4,848	2,318	29,015
Otter Tail	M	348	1,468	1,886	1,761	1,754	4,456	4,552	6,669	4,987	1,449	29,330
Pennington	F	83	366	440	479	404	1,271	1,264	1,408	946	478	7,139
Pennington	M	88	346	492	448	443	1,463	1,307	1,421	824	267	7,099
Pine	F	121	544	761	838	771	1,894	2,340	3,285	2,255	784	13,593
Pine	M	126	589	808	934	875	2,763	3,015	3,688	2,188	624	15,610
Pipestone	F	58	244	326	325	273	682	721	916	648	471	4,664
Pipestone	M	60	250	333	346	282	693	722	956	560	221	4,423
Polk	F	209	849	1,048	1,014	1,077	2,743	2,525	3,187	2,013	1,111	15,776
Polk	M	219	938	1,060	1,063	1,025	3,111	2,716	3,251	1,898	562	15,843
Pope	F	58	239	313	295	253	812	811	1,210	916	453	5,360
Pope	M	58	256	383	356	278	903	913	1,237	943	283	5,610
Ramsey	F	3,791	14,839	17,569	16,689	17,366	66,249	48,723	51,648	31,104	12,913	280,891
Ramsey	M	4,015	15,736	18,188	17,213	17,509	64,899	48,681	47,772	25,830	7,240	267,083
Red Lake	F	21	91	130	145	132	249	360	431	293	132	1,984
Red Lake	M	22	120	146	135	123	293	342	475	293	97	2,046
Redwood	F	95	388	521	555	446	1,159	1,176	1,527	1,134	644	7,645
Redwood	M	98	376	500	581	521	1,228	1,254	1,615	1,069	385	7,627

Table 1. County Population Estimates¹ by Age and Sex, 2017.

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,838	139,601	176,223	179,935	174,958	549,773	512,377	562,044	334,225	136,786	2,799,760
State of Minnesota	M	35,513	146,279	184,050	187,292	181,958	571,800	525,773	554,983	303,253	85,945	2,776,846
Renville	F	85	350	469	467	430	1,048	1,152	1,606	979	592	7,178
Renville	M	95	393	460	488	445	1,195	1,236	1,726	1,061	368	7,467
Rice	F	370	1,515	1,935	2,112	2,859	6,431	5,495	6,207	3,811	1,578	32,313
Rice	M	385	1,511	1,994	2,021	2,851	7,572	6,241	6,500	3,553	1,027	33,655
Rock	F	54	272	326	368	304	694	828	950	640	369	4,805
Rock	M	57	195	334	415	329	763	818	928	613	233	4,685
Roseau	F	88	368	521	528	479	1,127	1,286	1,678	921	445	7,441
Roseau	M	93	396	500	541	547	1,312	1,396	1,906	938	257	7,886
Saint Louis	F	958	4,055	5,139	5,281	6,773	19,865	15,901	21,489	14,126	6,182	99,769
Saint Louis	M	1,001	4,183	5,422	5,694	6,770	21,537	17,100	21,274	13,615	3,635	100,231
Scott	F	903	4,123	5,594	5,966	5,093	12,837	16,449	13,945	6,274	1,966	73,150
Scott	M	944	4,218	5,770	6,045	5,392	12,829	16,329	14,191	5,599	1,360	72,677
Sherburne	F	605	2,544	3,224	3,672	3,237	8,523	9,789	8,829	4,234	1,381	46,038
Sherburne	M	631	2,713	3,541	3,730	3,515	9,708	10,406	9,469	3,959	860	48,532
Sibley	F	72	362	482	551	465	1,142	1,279	1,586	970	500	7,409
Sibley	M	76	334	529	528	487	1,242	1,380	1,683	907	294	7,460
Stearns	F	962	3,947	4,946	4,971	6,438	17,379	12,694	14,375	8,757	3,633	78,102
Stearns	M	1,013	4,097	5,068	5,129	6,475	19,266	13,327	14,578	8,123	2,644	79,720
Steele	F	213	1,030	1,302	1,367	1,134	3,110	3,226	3,702	2,333	1,137	18,554
Steele	M	228	959	1,283	1,374	1,200	3,360	3,313	3,750	2,154	712	18,333
Stevens	F	50	207	269	273	543	1,109	660	774	546	394	4,825
Stevens	M	51	230	295	295	511	1,200	701	798	519	209	4,809
Swift	F	54	210	302	307	268	689	759	951	694	438	4,672
Swift	M	57	228	329	300	269	794	791	1,051	662	254	4,735
Todd	F	154	638	808	712	700	1,788	1,835	2,668	1,880	745	11,928
Todd	M	162	679	850	877	749	1,923	2,030	2,795	1,953	569	12,587
Traverse	F	15	61	93	99	90	236	224	384	257	196	1,655
Traverse	M	17	80	90	103	101	247	255	385	269	117	1,664
Wabasha	F	115	463	638	693	584	1,685	1,792	2,433	1,730	669	10,802
Wabasha	M	121	525	702	683	601	1,676	1,853	2,458	1,673	514	10,806
Wadena	F	86	344	513	505	395	1,032	1,082	1,338	1,019	586	6,900
Wadena	M	91	405	482	494	408	1,074	1,140	1,396	949	330	6,769

Table 1. County Population Estimates¹ by Age and Sex, 2017.

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,838	139,601	176,223	179,935	174,958	549,773	512,377	562,044	334,225	136,786	2,799,760
State of Minnesota	M	35,513	146,279	184,050	187,292	181,958	571,800	525,773	554,983	303,253	85,945	2,776,846
Waseca	F	103	422	571	660	618	1,830	1,881	1,904	1,203	575	9,767
Waseca	M	109	465	635	673	588	1,525	1,656	1,847	1,172	350	9,020
Washington	F	1,385	6,249	8,607	9,216	8,484	21,657	25,857	28,124	14,907	5,033	129,519
Washington	M	1,451	6,448	8,860	9,591	8,865	22,433	25,595	26,639	13,613	3,334	126,829
Watonwan	F	74	287	396	337	368	868	889	1,098	711	441	5,469
Watonwan	M	78	302	347	346	347	915	888	1,120	729	299	5,371
Wilkin	F	36	142	195	182	182	470	527	710	422	201	3,067
Wilkin	M	38	151	214	212	243	506	562	780	394	157	3,257
Winona	F	232	992	1,170	1,305	2,590	6,388	3,690	4,794	3,072	1,400	25,633
Winona	M	257	1,033	1,259	1,316	2,174	6,664	3,952	4,719	3,024	842	25,240
Wright	F	843	3,761	5,235	5,512	4,514	11,232	14,051	12,495	6,710	2,197	66,550
Wright	M	884	3,982	5,445	5,746	4,902	11,572	14,542	13,042	6,100	1,521	67,736
Yellow Medicine	F	60	256	338	315	279	779	756	1,066	639	411	4,899
Yellow Medicine	M	62	238	319	349	326	871	798	1,090	651	264	4,968

Table 1. County Population Estimates¹ by Age and Sex, 2017.

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,838	139,601	176,223	179,935	174,958	549,773	512,377	562,044	334,225	136,786	2,799,760
State of Minnesota	M	35,513	146,279	184,050	187,292	181,958	571,800	525,773	554,983	303,253	85,945	2,776,846
CHB - Aitkin, Itasca, Koochiching	F	330	1,356	1,852	2,108	1,954	4,905	5,701	8,727	6,942	2,502	36,377
CHB - Aitkin, Itasca, Koochiching	M	346	1,444	2,108	2,225	2,172	5,191	5,894	8,759	7,050	1,928	37,117
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	F	255	1,051	1,339	1,339	1,173	3,194	3,268	4,589	3,247	2,002	21,457
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	M	265	1,040	1,412	1,411	1,245	3,577	3,416	4,783	3,116	1,243	21,508
CHB - Brown, Nicollet	F	320	1,280	1,773	1,821	2,230	5,642	4,837	5,826	3,787	1,951	29,467
CHB - Brown, Nicollet	M	331	1,464	1,898	1,949	2,113	6,064	5,177	5,864	3,634	1,199	29,693
CHB - Carlton, Cook, Lake, St. Louis	F	1,208	1,045	1,467	1,569	1,318	3,783	4,329	5,682	3,738	1,603	24,784
CHB - Carlton, Cook, Lake, St. Louis	M	1,264	5,271	7,008	7,374	8,333	26,141	22,149	27,218	17,387	4,722	126,867
CHB - Clay, Wilkin, Becker, Otter Tail	F	1,002	4,135	5,342	5,146	5,581	15,074	13,067	16,076	10,922	5,025	81,370
CHB - Clay, Wilkin, Becker, Otter Tail	M	1,051	4,450	5,512	5,286	5,537	15,245	13,708	16,229	10,721	3,227	80,966
CHB - Clearwater, Hubbard, Lake of the Woods	F	170	732	984	1,078	878	2,184	2,631	3,912	2,947	1,032	16,548
CHB - Clearwater, Hubbard, Lake of the Woods	M	180	795	1,091	1,073	943	2,399	2,696	3,961	3,103	851	17,092
CHB - Cottonwood, Jackson	F	119	533	629	689	587	1,528	1,715	2,180	1,618	935	10,533
CHB - Cottonwood, Jackson	M	129	580	664	721	687	1,697	1,758	2,307	1,539	626	10,708
CHB - Dodge, Steele	F	336	1,546	2,060	2,165	1,865	4,874	5,280	5,739	3,455	1,607	28,927
CHB - Dodge, Steele	M	358	1,510	2,055	2,195	1,942	5,153	5,395	5,857	3,229	1,028	28,722

Table 1. County Population Estimates¹ by Age and Sex, 2017.

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,838	139,601	176,223	179,935	174,958	549,773	512,377	562,044	334,225	136,786	2,799,760
State of Minnesota	M	35,513	146,279	184,050	187,292	181,958	571,800	525,773	554,983	303,253	85,945	2,776,846
CHB - Douglas, Grant, Pope, Stevens, Traverse	F	364	1,551	1,928	1,985	1,999	5,651	5,180	7,025	5,284	2,623	33,590
CHB - Douglas, Grant, Pope, Stevens, Traverse	M	381	1,598	2,084	2,180	2,113	6,066	5,554	6,927	5,218	1,728	33,849
CHB - Faribault, Martin	F	185	724	961	1,060	959	2,493	2,590	3,700	2,673	1,581	16,926
CHB - Faribault, Martin	M	194	780	1,041	1,068	1,041	2,631	2,703	3,800	2,515	935	16,708
CHB - Fillmore, Houston	F	218	932	1,204	1,277	1,105	2,927	3,215	4,490	2,872	1,527	19,767
CHB - Fillmore, Houston	M	228	1,016	1,340	1,417	1,177	3,043	3,424	4,446	2,852	930	19,873
CHB - Kandiyohi, Renville	F	369	1,477	1,890	1,862	1,646	4,706	4,604	6,061	3,828	1,985	28,428
CHB - Kandiyohi, Renville	M	392	1,594	1,880	2,067	1,811	5,289	4,813	6,090	3,778	1,246	28,960
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	F	264	1,150	1,524	1,576	1,438	3,596	3,953	4,991	3,169	1,636	23,297
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	M	278	1,190	1,548	1,537	1,516	4,183	4,158	5,426	3,093	975	23,904
CHB - LeSueur, Waseca	F	253	1,055	1,464	1,671	1,494	4,110	4,479	4,819	3,052	1,312	23,709
CHB - LeSueur, Waseca	M	267	1,142	1,614	1,692	1,519	3,777	4,384	4,998	3,005	791	23,189
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	F	464	1,924	2,450	2,527	2,396	6,021	5,985	7,281	4,996	2,959	37,003
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	M	494	1,987	2,633	2,671	2,521	6,320	6,198	7,437	4,673	1,767	36,701
CHB - Mahnomen, Norman, Polk	F	291	1,231	1,505	1,430	1,458	3,634	3,506	4,394	2,829	1,536	21,814
CHB - Mahnomen, Norman, Polk	M	304	1,283	1,607	1,509	1,475	4,062	3,681	4,523	2,702	852	21,998

Table 1. County Population Estimates¹ by Age and Sex, 2017.

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,838	139,601	176,223	179,935	174,958	549,773	512,377	562,044	334,225	136,786	2,799,760
State of Minnesota	M	35,513	146,279	184,050	187,292	181,958	571,800	525,773	554,983	303,253	85,945	2,776,846
CHB - Meeker, McLeod, Sibley	F	409	1,825	2,282	2,609	2,266	5,859	6,362	7,696	5,071	2,378	36,757
CHB - Meeker, McLeod, Sibley	M	425	1,804	2,503	2,651	2,389	6,364	6,717	7,943	4,779	1,552	37,127
CHB - Morrison, Todd, Wadena	F	431	1,778	2,374	2,300	2,024	5,368	5,730	7,589	5,197	2,393	35,184
CHB - Morrison, Todd, Wadena	M	456	1,902	2,497	2,551	2,205	5,719	6,094	7,936	5,144	1,560	36,064
Metro CHBs²			0-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
CHB - Bloomington	F	N/A	2,749	1,992	1,825	2,088	8,273	7,756	9,626	6,178	3,069	43,556
	M	N/A	2,323	2,463	2,632	1,997	9,050	7,932	8,617	4,794	2,053	41,861
CHB - Edina	F	N/A	1,440	1,707	1,870	1,432	3,135	5,116	5,546	3,979	2,393	26,618
	M	N/A	1,375	1,536	1,828	1,611	3,411	4,657	5,291	3,110	1,166	23,985
CHB - Minneapolis	F	N/A	13,071	11,392	9,798	12,891	65,002	38,410	31,687	15,429	5,450	203,130
	M	N/A	14,618	12,049	9,802	13,227	67,186	41,722	32,879	13,668	3,171	208,322
CHB - Richfield	F	N/A	1,156	967	935	811	4,076	3,361	3,109	2,183	1,360	17,958
	M	N/A	1,222	1,138	1,060	1,083	4,538	3,778	3,041	1,480	695	18,035
CHB - St. Paul	F	N/A	10,911	10,194	10,424	9,860	41,395	27,155	25,665	11,677	4,898	152,179
	M	N/A	11,944	11,093	10,544	10,708	40,642	26,604	24,406	10,211	2,489	148,641

¹ Annual Estimates of the Resident Population for Selected Age Groups by Sex for the United States, States, Counties: April 1, 2010 to July 1, 2017. Source: U.S. Census Bureau, Population Division; American FactFinder Table PEPAGESEX.

² 2017 Population estimates for Metro CHBs are from the American Community Survey (ACS), 5-year estimates, 2013-2017. Estimates for <1 years old are combined with 1-4 years.

Table 2. Population Estimates by Race/Ethnicity and State/County/CHB, Minnesota, 2017.

	Non-Hispanic				Hispanic	TOTAL
	White	African American	American Indian	Asian/Pacific Islander		
State of Minnesota	4,519,243	390,257	68,049	297,650	301,407	5,576,606
Aitkin	14,970	141	424	59	235	15,829
Anoka	290,252	24,550	2,733	17,786	16,052	351,373
Becker	30,003	314	2,881	193	707	34,098
Beltrami	34,107	565	10,361	394	1,086	46,513
Benton	36,431	1,779	214	561	952	39,937
Big Stone	4,860	34	30	15	87	5,026
Blue Earth	59,594	3,087	213	1,674	2,405	66,973
Brown	23,625	191	45	209	1,124	25,194
Carlton	31,759	678	2,241	205	615	35,498
Carver	91,904	2,211	233	3,457	4,314	102,119
Cass	24,665	212	3,712	149	617	29,355
Chippewa	10,582	135	148	254	861	11,980
Chisago	52,098	926	379	740	1,165	55,308
Clay	56,273	2,389	998	1,034	2,875	63,569
Clearwater	7,661	89	884	32	212	8,878
Cook	4,687	66	459	51	135	5,398
Cottonwood	9,820	136	45	425	869	11,295
Crow Wing	61,646	696	684	401	997	64,424
Dakota	336,693	30,405	1,883	22,865	29,905	421,751
Dodge	19,283	176	71	170	1,062	20,762
Douglas	36,279	295	128	212	661	37,575
Faribault	12,624	100	57	58	945	13,784
Fillmore	20,323	141	34	128	354	20,980
Freeborn	26,293	456	95	738	2,953	30,535
Goodhue	42,980	771	612	359	1,582	46,304
Grant	5,692	54	21	27	147	5,941
Hennepin	879,371	176,162	10,656	98,723	87,112	1,252,024
Houston	18,073	213	39	120	215	18,660
Hubbard	19,712	185	538	126	457	21,018
Isanti	37,561	435	247	520	819	39,582
Itasca	42,003	378	1,902	205	649	45,137
Jackson	9,286	108	28	159	365	9,946
Kanabec	15,368	151	162	87	256	16,024
Kandiyohi	34,606	2,300	154	409	5,274	42,743
Kittson	4,101	28	9	23	89	4,250
Koochiching	11,823	120	353	60	172	12,528
Lac Qui Parle	6,397	65	15	59	149	6,685
Lake	10,136	78	85	60	165	10,524
Lake of the Woods	3,530	42	51	68	53	3,744
Le Sueur	25,878	265	109	178	1,681	28,111
Lincoln	5,480	36	15	31	116	5,678
Lyon	21,912	1,010	120	1,109	1,680	25,831
McLeod	32,934	326	137	292	2,195	35,884
Mahnomen	2,744	74	2,524	9	245	5,596

Table 2. Population Estimates by Race/Ethnicity and State/County/CHB, Minnesota, 2017.

	Non-Hispanic				Hispanic	TOTAL
	White	African American	American Indian	Asian/Pacific Islander		
State of Minnesota	4,519,243	390,257	68,049	297,650	301,407	5,576,606
Marshall	8,797	70	48	28	413	9,356
Martin	18,600	173	75	130	872	19,850
Meeker	21,796	220	58	115	942	23,131
Mille Lacs	23,268	268	1,560	153	623	25,872
Morrison	31,898	314	111	164	577	33,064
Mower	31,723	1,577	104	1,645	4,517	39,566
Murray	7,819	57	21	118	331	8,346
Nicollet	30,443	1,279	120	602	1,522	33,966
Nobles	13,070	1,140	77	1,454	6,203	21,944
Norman	5,997	78	150	40	332	6,597
Olmsted	126,201	10,055	427	10,440	7,807	154,930
Otter Tail	54,404	1,071	432	417	2,021	58,345
Pennington	13,060	277	230	141	530	14,238
Pine	26,378	729	1,050	211	835	29,203
Pipestone	8,089	158	126	92	622	9,087
Polk	27,715	934	504	370	2,096	31,619
Pope	10,619	90	38	65	158	10,970
Ramsey	346,661	70,771	4,038	85,073	41,431	547,974
Red Lake	3,743	50	75	13	149	4,030
Redwood	13,519	145	672	415	521	15,272
Renville	12,929	146	151	137	1,282	14,645
Rice	55,150	3,542	301	1,655	5,320	65,968
Rock	8,936	126	51	78	299	9,490
Roseau	14,226	160	295	438	208	15,327
St. Louis	184,751	4,317	4,870	2,661	3,401	200,000
Scott	120,120	6,902	1,354	9,879	7,572	145,827
Sherburne	87,436	2,832	537	1,368	2,397	94,570
Sibley	13,211	164	41	88	1,365	14,869
Stearns	137,759	10,307	452	3,918	5,386	157,822
Steele	32,068	1,366	103	402	2,948	36,887
Stevens	8,594	140	136	194	570	9,634
Swift	8,586	171	50	111	489	9,407
Todd	22,537	213	122	197	1,446	24,515
Traverse	2,996	46	174	8	95	3,319
Wabasha	20,592	214	67	123	612	21,608
Wadena	13,030	228	105	56	250	13,669
Waseca	16,835	525	125	172	1,130	18,787
Washington	214,943	13,136	1,234	16,332	10,703	256,348
Watonwan	7,883	111	32	124	2,690	10,840
Wilkin	5,935	77	103	26	183	6,324
Winona	46,656	1,119	214	1,394	1,490	50,873
Wright	125,377	2,293	529	2,109	3,978	134,286
Yellow Medicine	8,874	93	358	60	482	9,867

Table 2. Population Estimates by Race/Ethnicity and State/County/CHB, Minnesota, 2017.

	Non-Hispanic				Hispanic	TOTAL
	White	African American	American Indian	Asian/Pacific Islander		
State of Minnesota	4,519,243	390,257	68,049	297,650	301,407	5,576,606
CHB - Aitkin, Itasca, Koochiching	68,796	639	2,679	324	1,056	73,494
CHB - Clearwater, Hubbard, Lake of the Woods	30,903	316	1,473	226	722	33,640
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	39,299	498	601	499	2,068	42,965
CHB - Brown, Nicollet	54,068	1,470	165	811	2,646	59,160
CHB - Carlton, Cook, Lake, St. Louis	231,333	5,139	7,655	2,977	4,316	251,420
CHB - Cottonwood, Jackson	19,106	244	73	584	1,234	21,241
CHB - Clay, Wilkin, Becker, Otter Tail	146,615	3,851	4,414	1,670	5,786	162,336
CHB - Douglas, Grant, Pope, Stevens, Traverse	64,180	625	497	506	1,631	67,439
CHB - Dodge, Steele	51,351	1,542	174	572	4,010	57,649
CHB - Fillmore, Houston	38,396	354	73	248	569	39,640
CHB - Faribault, Martin	31,224	273	132	188	1,817	33,634
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	43,927	585	657	643	1,389	47,201
CHB - Kandiyohi, Renville	47,535	2,446	305	546	6,556	57,388
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	65,755	1,532	1,005	1,843	3,569	73,704
CHB - LeSueur, Waseca	42,713	790	234	350	2,811	46,898
CHB - Meeker, McLeod, Sibley	67,941	710	236	495	4,502	73,884
CHB - Mahnomen, Norman, Polk	36,456	1,086	3,178	419	2,673	43,812
CHB - Morrison, Todd, Wadena	67,465	755	338	417	2,273	71,248
Metro CHBs²						
CHB - Bloomington	N/A	N/A	N/A	N/A	N/A	85,417
CHB - Edina	N/A	N/A	N/A	N/A	N/A	50,603
CHB - Minneapolis	N/A	N/A	N/A	N/A	N/A	411,452
CHB - Richfield	N/A	N/A	N/A	N/A	N/A	35,993
CHB - St. Paul	N/A	N/A	N/A	N/A	N/A	300,820

¹ Annual Estimates 2017 are bridged-race Vintage 2017 postcensal estimates of the July 1 resident population. These estimates were prepared by the Census Bureau in collaboration with NCHS. Obtained at:

<https://wonder.cdc.gov/wonder/help/bridged-race.html>

² Bridged race population estimates are not available at the city level.

Table 3. Selected Population Age Groups¹, Minnesota Residents, 2017.

	Number < 5 Years	Percent < 5 Years	Number 0-19 yrs	Percent 0-19 yrs	Number 65+ yrs	Percent 65+ yrs	Females 15-44 yrs	TOTAL
State of Minnesota	355,231	6.4%	1,439,647	25.8%	860,209	15.4%	1,066,806	5,576,606
Aitkin	571	3.6%	2,910	18.4%	5,130	32.4%	1,900	15,829
Anoka	22,099	6.3%	91,777	26.1%	47,582	13.5%	65,845	351,373
Becker	2,158	6.3%	9,088	26.7%	6,884	20.2%	5,581	34,098
Beltrami	3,402	7.3%	13,602	29.2%	7,239	15.6%	9,247	46,513
Benton	2,940	7.4%	10,955	27.4%	5,483	13.7%	7,934	39,937
Big Stone	280	5.6%	1,145	22.8%	1,284	25.5%	694	5,026
Blue Earth	3,731	5.6%	16,998	25.4%	9,011	13.5%	16,023	66,973
Brown	1,415	5.6%	6,255	24.8%	5,206	20.7%	4,245	25,194
Carlton	1,884	5.3%	8,769	24.7%	6,042	17.0%	5,719	35,498
Carver	6,737	6.6%	30,268	29.6%	11,710	11.5%	19,410	102,119
Cass	1,693	5.8%	6,798	23.2%	7,373	25.1%	4,086	29,355
Chippewa	861	7.2%	3,060	25.5%	2,518	21.0%	1,864	11,980
Chisago	3,163	5.7%	14,005	25.3%	8,285	15.0%	9,368	55,308
Clay	4,631	7.3%	18,393	28.9%	8,235	13.0%	14,434	63,569
Clearwater	554	6.2%	2,373	26.7%	1,810	20.4%	1,358	8,878
Cook	262	4.9%	938	17.4%	1,477	27.4%	768	5,398
Cottonwood	801	7.1%	2,960	26.2%	2,579	22.8%	1,716	11,295
Crow Wing	3,703	5.7%	15,252	23.7%	14,155	22.0%	10,281	64,424
Dakota	27,569	6.5%	112,585	26.7%	57,393	13.6%	80,473	421,751
Dodge	1,320	6.4%	5,942	28.6%	2,983	14.4%	3,874	20,762
Douglas	2,187	5.8%	8,776	23.4%	8,368	22.3%	5,998	37,575
Faribault	755	5.5%	3,322	24.1%	3,131	22.7%	2,106	13,784
Fillmore	1,360	6.5%	5,539	26.4%	4,317	20.6%	3,301	20,980
Freeborn	1,744	5.7%	7,292	23.9%	6,705	22.0%	4,819	30,535
Goodhue	2,617	5.7%	11,350	24.5%	8,823	19.1%	7,627	46,304
Grant	385	6.5%	1,445	24.3%	1,383	23.3%	885	5,941
Hennepin	81,531	6.5%	303,950	24.3%	170,885	13.6%	262,644	1,252,024
Houston	1,034	5.5%	4,375	23.4%	3,864	20.7%	2,860	18,660
Hubbard	1,134	5.4%	4,796	22.8%	5,229	24.9%	2,944	21,018
Isanti	2,422	6.1%	10,292	26.0%	6,114	15.4%	7,088	39,582
Itasca	2,378	5.3%	10,396	23.0%	10,264	22.7%	6,773	45,137

Table 3. Selected Population Age Groups¹, Minnesota Residents, 2017.

	Number < 5 Years	Percent < 5 Years	Number 0-19 yrs	Percent 0-19 yrs	Number 65+ yrs	Percent 65+ yrs	Females 15-44 yrs	TOTAL
Jackson	560	5.6%	2,378	23.9%	2,139	21.5%	1,524	9,946
Kanabec	850	5.3%	3,757	23.4%	3,257	20.3%	2,517	16,024
Kandiyohi	2,909	6.8%	11,306	26.5%	7,837	18.3%	7,140	42,743
Kittson	211	5.0%	980	23.1%	1,032	24.3%	588	4,250
Koochiching	527	4.2%	2,589	20.7%	3,028	24.2%	1,864	12,528
Lac Qui Parle	305	4.6%	1,459	21.8%	1,793	26.8%	955	6,685
Lake	500	4.8%	2,122	20.2%	2,681	25.5%	1,438	10,524
Lake of the Woods	189	5.0%	755	20.2%	894	23.9%	504	3,744
Le Sueur	1,618	5.8%	7,327	26.1%	4,860	17.3%	4,827	28,111
Lincoln	357	6.3%	1,425	25.1%	1,389	24.5%	808	5,678
Lyon	1,894	7.3%	7,420	28.7%	3,936	15.2%	4,988	25,831
McLeod	2,185	6.1%	9,107	25.4%	6,589	18.4%	6,145	35,884
Mahnomen	498	8.9%	1,891	33.8%	964	17.2%	911	5,596
Marshall	589	6.3%	2,326	24.9%	1,950	20.8%	1,446	9,356
Martin	1,128	5.7%	4,691	23.6%	4,573	23.0%	3,048	19,850
Meeker	1,434	6.2%	6,170	26.7%	4,520	19.5%	3,662	23,131
Mille Lacs	1,653	6.4%	6,811	26.3%	4,632	17.9%	4,273	25,872
Morrison	2,008	6.1%	8,466	25.6%	6,263	18.9%	5,309	33,064
Mower	2,552	6.4%	10,691	27.0%	7,316	18.5%	6,844	39,566
Murray	471	5.6%	1,990	23.8%	2,083	25.0%	1,246	8,346
Nicollet	1,980	5.8%	8,924	26.3%	5,365	15.8%	6,977	33,966
Nobles	1,762	8.0%	6,413	29.2%	3,558	16.2%	3,791	21,944
Norman	396	6.0%	1,700	25.8%	1,371	20.8%	1,031	6,597
Olmsted	10,778	7.0%	41,019	26.5%	23,252	15.0%	30,481	154,930
Otter Tail	3,482	6.0%	13,966	23.9%	13,602	23.3%	8,498	58,345
Pennington	883	6.2%	3,589	25.2%	2,515	17.7%	2,509	14,238
Pine	1,380	4.7%	6,367	21.8%	5,851	20.0%	4,183	29,203
Pipestone	612	6.7%	2,497	27.5%	1,900	20.9%	1,416	9,087
Polk	2,215	7.0%	8,502	26.9%	5,584	17.7%	5,499	31,619
Pope	611	5.6%	2,489	22.7%	2,595	23.7%	1,602	10,970

Table 3. Selected Population Age Groups¹, Minnesota Residents, 2017.

	Number < 5 Years	Percent < 5 Years	Number 0-19 yrs	Percent 0-19 yrs	Number 65+ yrs	Percent 65+ yrs	Females 15-44 yrs	TOTAL
Ramsey	38,381	7.0%	142,915	26.1%	77,087	14.1%	116,864	547,974
Red Lake	254	6.3%	1,065	26.4%	815	20.2%	630	4,030
Redwood	957	6.3%	4,081	26.7%	3,232	21.2%	2,368	15,272
Renville	923	6.3%	3,682	25.1%	3,000	20.5%	2,219	14,645
Rice	3,781	5.7%	17,553	26.6%	9,969	15.1%	12,815	65,968
Rock	578	6.1%	2,654	28.0%	1,855	19.5%	1,553	9,490
Roseau	945	6.2%	4,061	26.5%	2,561	16.7%	2,397	15,327
St. Louis	10,197	5.1%	45,276	22.6%	37,558	18.8%	37,306	200,000
Scott	10,188	7.0%	44,048	30.2%	15,199	10.4%	28,735	145,827
Sherburne	6,493	6.9%	27,412	29.0%	10,434	11.0%	18,109	94,570
Sibley	844	5.7%	3,886	26.1%	2,671	18.0%	2,439	14,869
Stearns	10,019	6.3%	43,046	27.3%	23,157	14.7%	32,245	157,822
Steele	2,430	6.6%	10,090	27.4%	6,336	17.2%	6,354	36,887
Stevens	538	5.6%	2,724	28.3%	1,668	17.3%	2,102	9,634
Swift	549	5.8%	2,324	24.7%	2,048	21.8%	1,468	9,407
Todd	1,633	6.7%	6,329	25.8%	5,147	21.0%	3,668	24,515
Traverse	173	5.2%	749	22.6%	839	25.3%	479	3,319
Wabasha	1,224	5.7%	5,125	23.7%	4,586	21.2%	3,404	21,608
Wadena	926	6.8%	3,723	27.2%	2,884	21.1%	2,160	13,669
Waseca	1,099	5.8%	4,844	25.8%	3,300	17.6%	3,744	18,787
Washington	15,533	6.1%	69,156	27.0%	36,887	14.4%	46,823	256,348
Watonwan	741	6.8%	2,882	26.6%	2,180	20.1%	1,829	10,840
Wilkin	367	5.8%	1,595	25.2%	1,174	18.6%	1,011	6,324
Winona	2,514	4.9%	12,328	24.2%	8,338	16.4%	11,416	50,873
Wright	9,470	7.1%	40,824	30.4%	16,528	12.3%	25,229	134,286
Yellow Medicine	616	6.2%	2,542	25.8%	1,965	19.9%	1,550	9,867

Table 3. Selected Population Age Groups¹, Minnesota Residents, 2017.

	Number < 5 Years	Percent < 5 Years	Number 0-19 yrs	Percent 0-19 yrs	Number 65+ yrs	Percent 65+ yrs	Females 15-44 yrs	TOTAL
CHB - Aitkin, Itasca, Koochiching	3,476	4.7%	15,895	21.6%	18,422	25.1%	10,537	73,494
CHB - Clearwater, Hubbard, Lake of the Woods	1,877	5.6%	7,924	23.6%	7,933	23.6%	4,806	33,640
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	2,611	6.1%	10,530	24.5%	9,608	22.4%	6,531	42,965
CHB - Brown, Nicollet	3,395	5.7%	15,179	25.7%	10,571	17.9%	11,222	59,160
CHB - Carlton, Cook, Lake, St. Louis	12,843	5.1%	57,105	22.7%	47,758	19.0%	45,231	251,420
CHB - Cottonwood, Jackson	1,361	6.4%	5,338	25.1%	4,718	22.2%	3,240	21,241
CHB - Clay, Wilkin, Becker, Otter Tail	10,638	6.6%	43,042	26.5%	29,895	18.4%	29,524	162,336
CHB - Douglas, Grant, Pope, Stevens, Traverse	3,894	5.8%	16,183	24.0%	14,853	22.0%	11,066	67,439
CHB - Dodge, Steele	3,750	6.5%	16,032	27.8%	9,319	16.2%	10,228	57,649
CHB - Fillmore, Houston	2,394	6.0%	9,914	25.0%	8,181	20.6%	6,161	39,640
CHB - Faribault, Martin	1,883	5.6%	8,013	23.8%	7,704	22.9%	5,154	33,634
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	2,882	6.1%	12,021	25.5%	8,873	18.8%	7,570	47,201
CHB - Kandiyohi, Renville	3,832	6.7%	14,988	26.1%	10,837	18.9%	9,359	57,388
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	4,869	6.6%	20,067	27.2%	14,395	19.5%	12,379	73,704
CHB - LeSueur, Waseca	2,717	5.8%	12,171	26.0%	8,160	17.4%	8,571	46,898
CHB - Meeker, McLeod, Sibley	4,463	6.0%	19,163	25.9%	13,780	18.7%	12,246	73,884
CHB - Mahnomen, Norman, Polk	3,109	7.1%	12,093	27.6%	7,919	18.1%	7,441	43,812
CHB - Morrison, Todd, Wadena	4,567	6.4%	18,518	26.0%	14,294	20.1%	11,137	71,248

Table 3. Selected Population Age Groups¹, Minnesota Residents, 2017.

	Number < 5 Years	Percent < 5 Years	Number 0-19 yrs	Percent 0-19 yrs	Number 65+ yrs	Percent 65+ yrs	Females 15-44 yrs	TOTAL
Metro CHBs^{2,3}								
CHB - Bloomington	5,072	5.9%	18,069	21.2%	16,094	18.8%	15,525	85,417
CHB - Edina	2,815	5.6%	12,799	25.3%	10,648	21.0%	7,756	50,603
CHB - Minneapolis	27,689	6.7%	96,848	23.5%	37,718	9.2%	104,961	411,452
CHB - Richfield	2,378	6.6%	8,372	23.3%	5,718	15.9%	7,202	35,993
CHB - St. Paul	22,855	7.6%	85,678	28.5%	29,275	9.7%	70,109	300,820

¹ Summed from Annual Estimates of the Resident Population for Selected Age Groups by Sex for the United States, States, Counties: April 1, 2010 to July 1, 2017. Source: U.S. Census Bureau, Population Division; American FactFinder Table PEPAGESEX

Table 4. Population per Square Mile by State/County/CHB, Minnesota, 2017.

	Population ¹	Land area in square miles ²	Population per square mile
State of Minnesota	5,576,606	79,627	70
Aitkin	15,829	1,822	9
Anoka	351,373	423	831
Becker	34,098	1,315	26
Beltrami	46,513	2,505	19
Benton	39,937	408	98
Big Stone	5,026	499	10
Blue Earth	66,973	748	90
Brown	25,194	611	41
Carlton	35,498	861	41
Carver	102,119	354	288
Cass	29,355	2,022	15
Chippewa	11,980	581	21
Chisago	55,308	415	133
Clay	63,569	1,045	61
Clearwater	8,878	999	9
Cook	5,398	1,452	4
Cottonwood	11,295	639	18
Crow Wing	64,424	999	64
Dakota	421,751	562	750
Dodge	20,762	439	47
Douglas	37,575	637	59
Faribault	13,784	712	19
Fillmore	20,980	861	24
Freeborn	30,535	707	43
Goodhue	46,304	757	61
Grant	5,941	548	11
Hennepin	1,252,024	554	2,262
Houston	18,660	552	34
Hubbard	21,018	926	23
Isanti	39,582	436	91
Itasca	45,137	2,668	17
Jackson	9,946	703	14
Kanabec	16,024	522	31
Kandiyohi	42,743	797	54
Kittson	4,250	1,099	4
Koochiching	12,528	3,104	4
Lac Qui Parle	6,685	765	9
Lake	10,524	2,109	5
Lake of the Woods	3,744	1,298	3
Le Sueur	28,111	449	63
Lincoln	5,678	537	11
Lyon	25,831	715	36
McLeod	35,884	491	73
Mahnomen	5,596	558	10

Table 4. Population per Square Mile by State/County/CHB, Minnesota, 2017.

	Population ¹	Land area in square miles ²	Population per square mile
State of Minnesota	5,576,606	79,627	70
Marshall	9,356	1,775	5
Martin	19,850	712	28
Meeker	23,131	608	38
Mille Lacs	25,872	572	45
Morrison	33,064	1,125	29
Mower	39,566	711	56
Murray	8,346	705	12
Nicollet	33,966	448	76
Nobles	21,944	715	31
Norman	6,597	873	8
Olmsted	154,930	653	237
Otter Tail	58,345	1,972	30
Pennington	14,238	617	23
Pine	29,203	1,411	21
Pipestone	9,087	465	20
Polk	31,619	1,971	16
Pope	10,970	670	16
Ramsey	547,974	152	3,600
Red Lake	4,030	432	9
Redwood	15,272	879	17
Renville	14,645	983	15
Rice	65,968	496	133
Rock	9,490	482	20
Roseau	15,327	1,672	9
St. Louis	200,000	6,247	32
Scott	145,827	356	409
Sherburne	94,570	433	218
Sibley	14,869	589	25
Stearns	157,822	1,343	118
Steele	36,887	430	86
Stevens	9,634	564	17
Swift	9,407	742	13
Todd	24,515	945	26
Traverse	3,319	574	6
Wabasha	21,608	523	41
Wadena	13,669	536	25
Waseca	18,787	423	44
Washington	256,348	384	667
Watonwan	10,840	435	25
Wilkin	6,324	751	8
Winona	50,873	626	81
Wright	134,286	661	203
Yellow Medicine	9,867	759	13

Table 4. Population per Square Mile by State/County/CHB, Minnesota, 2017.

	Population ¹	Land area in square miles ²	Population per square mile
State of Minnesota	5,576,606	79,627	70
CHB - Aitkin, Itasca, Koochiching	73,494	7,593	10
CHB - Clearwater, Hubbard, Lake of the Woods	33,640	3,222	10
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	42,965	3,346	13
CHB - Brown, Nicollet	59,160	1,060	56
CHB - Carlton, Cook, Lake, St. Louis	251,420	10,670	24
CHB - Cottonwood, Jackson	21,241	1,342	16
CHB - Clay, Wilkin, Becker, Otter Tail	162,336	5,084	32
CHB - Douglas, Grant, Pope, Stevens, Traverse	67,439	2,993	23
CHB - Dodge, Steele	57,649	869	66
CHB - Fillmore, Houston	39,640	1,413	28
CHB - Faribault, Martin	33,634	1,425	24
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	47,201	5,594	8
CHB - Kandiyohi, Renville	57,388	1,780	32
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	73,704	3,782	19
CHB - LeSueur, Waseca	46,898	872	54
CHB - Meeker, McLeod, Sibley	73,884	1,688	44
CHB - Mahnomen, Norman, Polk	43,812	3,402	13
CHB - Morrison, Todd, Wadena	71,248	2,606	27
Metro CHBs			
CHB - Bloomington	85,866	35	2,476
CHB - Edina	51,958	15	3,363
CHB - Minneapolis	422,331	54	7,825
CHB - Richfield	36,151	7	5,262
CHB - St. Paul	306,621	52	5,899

¹ Annual Estimates of the Resident Population for the United States, States, Counties: April 1, 2010 to July 1, 2017. Source: U.S. Census Bureau, Population Division; American FactFinder [<https://factfinder.census.gov>].

² Land area from US Census Bureau, 2010 Decennial Census SF1, Table GCT-PH1.

Table 5. Selected Minnesota Socioeconomic Statistics by State/County/CHB, 2017.

	Population 25+ years with < high school or GED	People of all ages living at or below 200% of poverty	Owner-occupied housing	Children < 18 in single-parent households	Housing units built before 1980
State of Minnesota	7.2%	25.3%	74.8%	25.9%	56.0%
Aitkin	8.7%	35.4%	83.5%	28.3%	53.0%
Anoka	6.4%	19.2%	82.2%	24.4%	44.1%
Becker	7.4%	30.6%	80.1%	24.8%	60.2%
Beltrami	9.0%	40.3%	69.3%	41.4%	50.9%
Benton	7.7%	31.8%	74.4%	31.1%	51.8%
Big Stone	11.2%	30.0%	80.6%	20.4%	82.1%
Blue Earth	5.5%	34.7%	64.8%	28.1%	60.7%
Brown	8.3%	24.6%	82.2%	24.0%	80.0%
Carlton	6.2%	28.2%	82.8%	30.1%	65.2%
Carver	3.9%	11.5%	85.1%	14.0%	31.8%
Cass	8.6%	34.7%	81.0%	36.0%	44.6%
Chippewa	9.7%	30.8%	71.4%	22.9%	88.0%
Chisago	5.9%	17.7%	88.2%	20.2%	41.1%
Clay	5.3%	26.9%	73.7%	21.4%	60.9%
Clearwater	14.2%	39.8%	81.0%	29.2%	60.1%
Cook	4.1%	30.1%	79.0%	32.5%	53.8%
Cottonwood	9.7%	33.8%	78.6%	23.2%	90.8%
Crow Wing	6.6%	29.1%	78.5%	28.6%	49.6%
Dakota	5.3%	18.0%	77.0%	24.8%	39.4%
Dodge	5.4%	19.9%	84.7%	24.1%	61.9%
Douglas	5.2%	25.0%	80.7%	19.3%	50.3%
Faribault	9.3%	30.7%	79.8%	26.7%	92.4%
Fillmore	8.8%	27.7%	83.6%	18.5%	68.0%
Freeborn	10.3%	31.6%	79.3%	34.5%	84.7%
Goodhue	6.2%	24.6%	79.2%	25.4%	64.0%
Grant	7.2%	31.9%	82.7%	24.7%	73.0%
Hennepin	7.0%	25.2%	65.8%	27.4%	65.7%
Houston	5.7%	24.4%	82.9%	27.1%	67.5%
Hubbard	7.3%	31.2%	83.1%	28.4%	48.4%
Isanti	8.3%	22.5%	84.1%	24.3%	46.3%
Itasca	6.5%	33.9%	82.2%	24.8%	59.1%

Table 5. Selected Minnesota Socioeconomic Statistics by State/County/CHB, 2017.

	Population 25+ years with < high school or GED	People of all ages living at or below 200% of poverty	Owner-occupied housing	Children < 18 in single-parent households	Housing units built before 1980
State of Minnesota	7.2%	25.3%	74.8%	25.9%	56.0%
Jackson	7.6%	27.0%	80.5%	22.7%	86.0%
Kanabec	10.6%	32.0%	82.4%	26.6%	56.4%
Kandiyohi	11.5%	31.6%	75.6%	29.3%	62.5%
Kittson	7.2%	31.3%	83.1%	31.7%	80.7%
Koochiching	7.4%	34.8%	81.4%	39.0%	73.6%
Lac Qui Parle	6.7%	30.8%	83.6%	24.2%	87.2%
Lake	4.2%	26.2%	86.4%	26.4%	73.8%
Lake of the Woods	10.1%	27.3%	87.8%	35.7%	53.8%
Le Sueur	8.4%	24.2%	84.1%	23.6%	62.3%
Lincoln	8.5%	30.0%	82.0%	19.7%	85.9%
Lyon	7.6%	31.7%	73.5%	26.1%	72.4%
McLeod	7.9%	24.8%	82.4%	27.4%	64.6%
Mahnomen	14.0%	48.6%	66.5%	56.8%	66.4%
Marshall	11.4%	24.6%	85.7%	21.0%	77.9%
Martin	7.5%	29.2%	78.3%	33.4%	86.0%
Meeker	7.7%	25.7%	83.0%	21.1%	67.1%
Mille Lacs	10.2%	32.3%	75.6%	34.0%	53.9%
Morrison	10.4%	30.6%	82.4%	25.0%	58.4%
Mower	13.4%	31.1%	74.4%	32.5%	83.2%
Murray	10.4%	25.7%	84.4%	24.2%	76.9%
Nicollet	6.5%	23.1%	76.7%	22.0%	60.7%
Nobles	23.7%	37.3%	70.9%	36.9%	83.4%
Norman	9.2%	33.3%	84.1%	20.2%	85.1%
Olmsted	5.4%	21.5%	77.5%	24.3%	48.5%
Otter Tail	8.7%	27.8%	83.1%	22.4%	57.3%
Pennington	7.5%	28.2%	79.0%	35.9%	72.6%
Pine	10.6%	36.0%	81.4%	29.4%	45.6%
Pipestone	13.1%	33.3%	77.4%	20.4%	87.6%
Polk	8.8%	28.9%	78.3%	25.3%	69.9%
Pope	6.3%	24.8%	83.5%	18.7%	68.6%

Table 5. Selected Minnesota Socioeconomic Statistics by State/County/CHB, 2017.

	Population 25+ years with < high school or GED	People of all ages living at or below 200% of poverty	Owner-occupied housing	Children < 18 in single-parent households	Housing units built before 1980
State of Minnesota	7.2%	25.3%	74.8%	25.9%	56.0%
Ramsey	9.9%	33.0%	62.0%	33.0%	73.5%
Red Lake	6.7%	25.7%	85.8%	22.8%	77.4%
Redwood	10.3%	33.3%	77.9%	28.2%	83.6%
Renville	11.2%	29.5%	82.4%	26.1%	82.4%
Rice	9.6%	28.1%	76.7%	29.1%	58.2%
Rock	9.5%	27.9%	78.0%	18.9%	83.7%
Roseau	7.8%	28.5%	83.1%	27.5%	56.0%
St. Louis	6.3%	32.8%	74.4%	31.1%	75.2%
Scott	5.1%	14.7%	85.6%	15.0%	28.8%
Sherburne	5.5%	18.4%	84.7%	21.8%	33.1%
Sibley	9.6%	26.1%	79.4%	24.0%	74.4%
Stearns	8.0%	28.9%	71.5%	26.8%	49.7%
Steele	7.5%	27.2%	80.2%	22.3%	68.7%
Stevens	7.6%	29.8%	71.4%	12.7%	75.7%
Swift	10.9%	31.4%	73.8%	33.1%	83.8%
Todd	13.0%	34.8%	84.3%	19.7%	65.4%
Traverse	9.0%	30.3%	82.5%	15.4%	86.4%
Wabasha	7.6%	21.5%	83.6%	22.1%	63.2%
Wadena	10.6%	37.2%	80.9%	28.0%	71.7%
Waseca	7.2%	27.7%	82.6%	21.2%	74.6%
Washington	3.9%	14.5%	83.9%	21.7%	37.8%
Watonwan	16.5%	34.2%	73.5%	37.4%	84.9%
Wilkin	7.2%	27.6%	82.7%	28.4%	80.9%
Winona	7.2%	30.8%	74.2%	20.8%	68.6%
Wright	5.6%	17.0%	85.2%	18.4%	37.0%
Yellow Medicine	9.3%	30.8%	81.1%	30.6%	89.0%

Table 5. Selected Minnesota Socioeconomic Statistics by State/County/CHB, 2017.

	Population 25+ years with < high school or GED	People of all ages living at or below 200% of poverty	Owner-occupied housing	Children < 18 in single-parent households	Housing units built before 1980
State of Minnesota	7.2%	25.3%	74.8%	25.9%	56.0%
CHB - Aitkin, Itasca, Koochiching	7.2%	34.3%	82.4%	28.0%	59.4%
CHB - Clearwater, Hubbard, Lake of the Woods	9.4%	33.0%	83.1%	29.4%	51.6%
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	9.5%	30.9%	77.2%	26.9%	86.3%
CHB - Brown, Nicollet	7.3%	23.7%	79.1%	22.8%	69.7%
CHB - Carlton, Cook, Lake, St. Louis	6.2%	31.8%	76.2%	30.7%	73.0%
CHB - Cottonwood, Jackson	8.7%	30.6%	79.5%	23.0%	88.5%
CHB - Clay, Wilkin, Becker, Otter Tail	7.1%	28.0%	78.9%	22.7%	59.9%
CHB - Douglas, Grant, Pope, Stevens, Traverse	6.0%	26.5%	80.1%	18.6%	60.5%
CHB - Dodge, Steele	6.8%	24.6%	81.8%	23.0%	66.4%
CHB - Fillmore, Houston	7.3%	26.1%	83.2%	22.3%	67.8%
CHB - Faribault, Martin	8.2%	29.8%	79.0%	30.7%	88.6%
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	8.3%	27.7%	82.6%	28.6%	69.6%
CHB - Kandiyohi, Renville	11.4%	31.1%	77.3%	28.5%	67.9%
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	9.5%	30.9%	77.4%	24.2%	79.9%
CHB - LeSueur, Waseca	7.9%	25.6%	83.5%	22.7%	67.1%
CHB - Meeker, McLeod, Sibley	8.2%	25.3%	82.0%	24.7%	67.4%
CHB - Mahnomen, Norman, Polk	9.4%	32.1%	77.6%	28.5%	71.9%
CHB - Morrison, Todd, Wadena	11.3%	33.3%	82.8%	23.8%	63.5%

Table 5. Selected Minnesota Socioeconomic Statistics by State/County/CHB, 2017.

	Population 25+ years with < high school or GED	People of all ages living at or below 200% of poverty	Owner-occupied housing	Children < 18 in single-parent households	Housing units built before 1980
State of Minnesota	7.2%	25.3%	74.8%	25.9%	56.0%
Metro CHBs					
CHB - Bloomington	7.1%	19.7%	69.4%	26.8%	75.7%
CHB - Edina	2.0%	11.4%	77.3%	12.7%	78.2%
CHB - Minneapolis	10.7%	38.4%	49.7%	37.3%	81.4%
CHB - Richfield	10.5%	28.1%	65.6%	25.4%	86.7%
CHB - St. Paul	13.6%	41.9%	52.5%	38.0%	83.6%

Source: American Community Survey, 5-year estimates 2013-2017 from: American FactFinder [<https://factfinder.census.gov/>]; tables S1501, S1701, B25008, B09002, B25034.

Table 6. MinnesotaCare Average Monthly Eligibles by State/County/CHB, 2017.

	Families with Children	Adults with No Children	Total
State of Minnesota	42,213	39,536	81,749
Aitkin	164	224	388
Anoka	2,961	2,344	5,305
Becker	349	251	600
Beltrami	392	348	740
Benton	312	240	552
Big Stone	66	51	117
Blue Earth	390	434	824
Brown	175	185	360
Carlton	233	294	527
Carver	509	448	957
Cass	331	353	684
Chippewa	137	88	225
Chisago	362	356	718
Clay	403	322	725
Clearwater	87	94	181
Cook	64	119	183
Cottonwood	100	68	168
Crow Wing	582	711	1,293
Dakota	3,083	2,349	5,432
Dodge	119	83	202
Douglas	280	330	610
Faribault	120	136	256
Fillmore	195	146	341
Freeborn	256	256	512
Goodhue	268	295	563
Grant	67	64	131
Hennepin	9,367	9,912	19,279
Houston	95	114	209
Hubbard	200	224	424
Isanti	366	296	662
Itasca	433	454	887
Jackson	70	68	138
Kanabec	138	160	298
Kandiyohi	388	351	739
Kittson	50	43	93
Koochiching	125	147	272
Lac Qui Parle	74	70	144
Lake	74	127	201
Lake of the Woods	44	57	101
Le Sueur	210	139	349
Lincoln	43	45	88
Lyon	199	185	384
McLeod	252	249	501
Mahnomen	45	29	74

Table 6. MinnesotaCare Average Monthly Eligibles by State/County/CHB, 2017.

	Families with Children	Adults with No Children	Total
State of Minnesota	42,213	39,536	81,749
Marshall	68	62	130
Martin	164	140	304
Meeker	193	160	353
Mille Lacs	249	237	486
Morrison	315	309	624
Mower	257	234	491
Murray	85	70	155
Nicollet	159	150	309
Nobles	136	96	232
Norman	76	61	137
Olmsted	886	933	1,819
Otter Tail	537	488	1,025
Pennington	78	84	162
Pine	221	294	515
Pipestone	83	57	140
Polk	253	185	438
Pope	88	92	180
Ramsey	5,175	4,515	9,690
Red Lake	30	23	53
Redwood	148	132	280
Renville	117	109	226
Rice	376	367	743
Rock	78	42	120
Roseau	87	125	212
St. Louis	1,171	1,637	2,808
Scott	1,021	757	1,778
Sherburne	710	453	1,163
Sibley	118	96	214
Stearns	1,131	1,057	2,188
Steele	257	198	455
Stevens	55	48	103
Swift	95	66	161
Todd	216	241	457
Traverse	33	24	57
Wabasha	136	127	263
Wadena	122	114	236
Waseca	165	130	295
Washington	1,518	1,189	2,707
Watonwan	99	82	181
Wilkin	47	36	83
Winona	244	282	526
Wright	938	694	1,632
Yellow Medicine	100	81	181

Table 6. MinnesotaCare Average Monthly Eligibles by State/County/CHB, 2017.

	Families with Children	Adults with No Children	Total
State of Minnesota	42,213	39,536	81,749
CHB - Aitkin, Itasca, Koochiching	722	825	1,547
CHB - Clearwater, Hubbard, Lake of the Woods	331	375	706
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	472	356	828
CHB - Brown, Nicollet	334	335	669
CHB - Carlton, Cook, Lake, St. Louis	1,542	2,177	3,719
CHB - Cottonwood, Jackson	170	136	306
CHB - Clay, Wilkin, Becker, Otter Tail	1,336	1,097	2,433
CHB - Douglas, Grant, Pope, Stevens, Traverse	523	558	1,081
CHB - Dodge, Steele	376	281	657
CHB - Fillmore, Houston	290	260	550
CHB - Faribault, Martin	188	198	386
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	290	304	594
CHB - Kandiyohi, Renville	505	460	965
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	636	531	1,167
CHB - LeSueur, Waseca	375	269	644
CHB - Meeker, McLeod, Sibley	475	396	871
CHB - Mahnomen, Norman, Polk	581	495	1,076
CHB - Morrison, Todd, Wadena	653	664	1,317
Metro CHBs¹			
CHB - Bloomington	N/A	N/A	N/A
CHB - Edina	N/A	N/A	N/A
CHB - Minneapolis	N/A	N/A	N/A
CHB - Richfield	N/A	N/A	N/A
CHB - St. Paul	N/A	N/A	N/A

¹ Data not available at the City level. Data can be requested at the zip code level to proxy cities: dhs.reportsandforecasts@state.mn.us.

Source: MN Department of Human Services *Medical Programs (including MinnesotaCare) Eligibility* located at: <https://mn.gov/dhs/general-public/publications-forms-resources/reports/financial-reports-and-forecasts.jsp>

Table 7. Medical Assistance, Avg Monthly Eligibles by State/County/CHB, 2017.

	All Families and Children	Adults with No Children	Elderly	Disabled	Total ¹
State of Minnesota	726,912	218,317	61,614	115,086	1,121,929
Aitkin	2,427	869	304	414	4,014
Anoka	42,806	11,855	2,527	5,741	62,929
Becker	5,909	1,549	455	653	8,566
Beltrami	9,965	2,725	598	1,286	14,574
Benton	6,012	1,669	409	905	8,995
Big Stone	667	181	139	147	1,134
Blue Earth	7,659	2,680	643	1,403	12,385
Brown	2,908	694	329	519	4,450
Carlton	4,606	1,537	479	770	7,392
Carver	6,707	1,983	493	1,039	10,222
Cass	5,991	1,885	399	727	9,002
Chippewa	2,181	415	207	240	3,043
Chisago	6,079	1,802	370	822	9,073
Clay	9,197	2,341	684	1,564	13,786
Clearwater	1,430	414	163	158	2,165
Cook	717	317	66	64	1,164
Cottonwood	2,105	444	209	296	3,054
Crow Wing	10,213	2,950	808	1,312	15,283
Dakota	44,188	12,215	2,850	6,634	65,887
Dodge	2,188	504	10	9	2,711
Douglas	4,214	1,206	451	757	6,628
Faribault	2,410	656	239	375	3,680
Fillmore	2,677	695	342	326	4,040
Freeborn	4,956	1,212	456	721	7,345
Goodhue	4,683	1,326	460	761	7,230
Grant	1,010	247	88	117	1,462
Hennepin	157,007	58,350	15,329	29,636	260,322
Houston	1,781	566	214	318	2,879
Hubbard	3,539	911	298	516	5,264
Isanti	5,533	1,527	306	700	8,066
Itasca	6,964	2,383	746	1,274	11,367
Jackson	1,319	363	119	182	1,983
Kanabec	2,648	886	225	396	4,155
Kandiyohi	8,627	1,785	506	951	11,869
Kittson	604	139	92	93	928
Koochiching	1,856	704	261	385	3,206
Lac Qui Parle	853	234	150	176	1,413
Lake	1,168	462	139	214	1,983
Lake of the Woods	586	175	55	95	911
Le Sueur	3,391	742	234	472	4,839
Lincoln	773	235	117	104	1,229
Lyon	4,455	879	322	557	6,213
McLeod	4,393	1,031	383	605	6,412
Mahnomen	1,345	421	79	108	1,953

Table 7. Medical Assistance, Avg Monthly Eligibles by State/County/CHB, 2017.

	All Families and Children	Adults with No Children	Elderly	Disabled	Total ¹
State of Minnesota	726,912	218,317	61,614	115,086	1,121,929
Marshall	1,141	294	142	176	1,753
Martin	3,144	793	293	557	4,787
Meeker	3,201	698	309	416	4,624
Mille Lacs	4,670	1,362	361	621	7,014
Morrison	5,199	1,448	513	728	7,888
Mower	6,898	1,470	590	1,051	10,009
Murray	1,130	218	115	141	1,604
Nicollet	3,796	936	270	549	5,551
Nobles	4,350	517	268	415	5,550
Norman	1,269	274	132	168	1,843
Olmsted	17,272	4,960	1,561	2,643	26,436
Otter Tail	8,790	2,193	884	1,156	13,023
Pennington	1,565	453	225	283	2,526
Pine	4,201	1,311	409	651	6,572
Pipestone	1,645	248	172	199	2,264
Polk	5,315	1,415	553	799	8,082
Pope	1,472	390	203	240	2,305
Ramsey	98,279	29,689	8,300	16,034	152,302
Red Lake	525	160	68	68	821
Redwood	2,366	473	188	295	3,322
Renville	2,636	556	172	314	3,678
Rice	9,023	2,000	578	967	12,568
Rock	1,278	235	116	173	1,802
Roseau	1,834	449	210	214	2,707
St. Louis	24,002	10,326	2,959	6,181	43,468
Scott	13,531	3,322	850	1,591	19,294
Sherburne	10,506	2,389	461	1,176	14,532
Sibley	2,131	563	195	264	3,153
Stearns	22,380	5,931	1,417	3,068	32,796
Steele	6,224	1,257	796	1,377	9,654
Stevens	892	224	120	146	1,382
Swift	1,616	348	190	246	2,400
Todd	4,076	1,004	444	548	6,072
Traverse	585	128	87	108	908
Wabasha	2,403	728	256	335	3,722
Wadena	2,680	690	291	473	4,134
Waseca	2,276	630	7	8	2,921
Washington	19,870	6,296	1,378	2,828	30,372
Watonwan	1,818	328	148	220	2,514
Wilkin	949	206	125	169	1,449
Winona	4,556	1,656	553	1,137	7,902
Wright	13,169	3,258	788	1,607	18,822
Yellow Medicine	1,502	327	164	204	2,197

Table 7. Medical Assistance, Avg Monthly Eligibles by State/County/CHB, 2017.

	All Families and Children	Adults with No Children	Elderly	Disabled	Total ¹
State of Minnesota	726,912	218,317	61,614	115,086	1,121,929
CHB - Aitkin, Itasca, Koochiching	11,247	3,956	1,311	2,073	18,587
CHB - Clearwater, Hubbard, Lake of the Woods	5,555	1,500	516	769	8,340
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	6,819	1,505	850	1,013	10,187
CHB - Brown, Nicollet	6,704	1,630	599	1,068	10,001
CHB - Carlton, Cook, Lake, St. Louis	30,493	12,642	3,643	7,229	54,007
CHB - Cottonwood, Jackson	3,424	807	328	478	5,037
CHB - Clay, Wilkin, Becker, Otter Tail	24,845	6,289	2,148	3,542	36,824
CHB - Douglas, Grant, Pope, Stevens, Traverse	8,173	2,195	949	1,368	12,685
CHB - Dodge, Steele	8,412	1,761	806	1,386	12,365
CHB - Fillmore, Houston	4,458	1,261	556	644	6,919
CHB - Faribault, Martin	3,551	950	381	551	5,433
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	5,873	1,622	674	766	8,935
CHB - Kandiyohi, Renville	11,263	2,341	678	1,265	15,547
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	11,647	2,288	1,030	1,469	16,434
CHB - LeSueur, Waseca	5,667	1,372	241	480	7,760
CHB - Meeker, McLeod, Sibley	8,476	2,054	797	1,237	12,564
CHB - Mahnomen, Norman, Polk	10,977	2,720	1,068	1,572	16,337
CHB - Morrison, Todd, Wadena	11,955	3,142	1,248	1,749	18,094
Metro CHBs¹					
CHB - Bloomington	N/A	N/A	N/A	N/A	N/A
CHB - Edina	N/A	N/A	N/A	N/A	N/A
CHB - Minneapolis	N/A	N/A	N/A	N/A	N/A
CHB - Richfield	N/A	N/A	N/A	N/A	N/A
CHB - St. Paul	N/A	N/A	N/A	N/A	N/A

¹ Data not available at the City level. Data can be requested at the zip code level to proxy cities: dhs.reportsandforecasts@state.mn.us.

Source: MN Department of Human Services *Medical Programs (including MinnesotaCare) Eligibility* located at: <https://mn.gov/dhs/general-public/publications-forms-resources/reports/financial-reports-and-forecasts.jsp>

Table 8. Pre-Kindergarten to 12th Grade Enrollment¹ by Race/Ethnicity, 2017-18 School Year.

State/County/CHB	Non-Hispanic Single Race Reported*					Hispanic	Total
	White	African American	American Indian	Asian/Pacific Islander	Multiple Races*		
State of Minnesota	588,186	97,656	14,206	60,798	41,731	82,275	884,852
Aitkin	1,693	15	154	7	64	30	1,963
Anoka	42,975	8,285	478	4,441	3,325	5,233	64,737
Becker	3,772	48	385	26	424	120	4,775
Beltrami	4,688	88	2,842	48	508	135	8,309
Benton	5,918	153	36	68	221	193	6,589
Big Stone	781	2	3	1	21	31	839
Blue Earth	9,007	1,082	34	226	413	606	11,368
Brown	3,079	38	4	23	48	406	3,598
Carlton	5,418	35	424	34	504	92	6,507
Carver	14,427	512	47	488	655	1,236	17,365
Cass	2,811	30	1,269	17	235	98	4,460
Chippewa	1,782	29	26	25	69	365	2,296
Chisago	6,817	55	42	114	176	202	7,406
Clay	8,443	607	248	83	548	729	10,658
Clearwater	1,080	18	267	9	118	14	1,506
Cook	489	5	93	6	43	30	666
Cottonwood	1,723	34	2	197	86	338	2,380
Crow Wing	9,086	125	139	49	282	124	9,805
Dakota	49,257	7,734	320	4,714	4,327	9,117	75,469
Dodge	3,459	32	10	14	89	375	3,979
Douglas	5,187	44	12	47	138	168	5,596
Faribault	1,477	25	2	7	36	282	1,829
Fillmore	2,369	8	3	10	50	35	2,475
Freeborn	3,009	114	6	219	128	795	4,271
Goodhue	5,783	143	109	66	258	395	6,754
Grant	1,043	12	2	0	33	38	1,128
Hennepin	80,405	40,673	1,812	16,670	9,199	21,924	170,683
Houston	3,730	202	38	62	120	120	4,272
Hubbard	2,249	22	87	7	143	122	2,630
Isanti	5,564	72	26	86	257	169	6,174
Itasca	5,564	58	546	26	558	154	6,906

Table 8. Pre-Kindergarten to 12th Grade Enrollment¹ by Race/Ethnicity, 2017-18 School Year.

State/County/CHB	Non-Hispanic Single Race Reported*					Multiple Races*	Hispanic	Total
	White	African American	American Indian	Asian/Pacific Islander				
State of Minnesota	588,186	97,656	14,206	60,798	41,731	82,275	884,852	
Jackson	1,254	21	3	25	42	89	1,434	
Kanabec	2,014	15	15	6	59	50	2,159	
Kandiyohi	3,219	892	23	118	60	1,588	5,900	
Kittson	574	13	1	2	9	21	620	
Koochiching	1,501	15	117	6	35	24	1,698	
Lac Qui Parle	1,124	10	9	93	44	107	1,387	
Lake	1,325	8	12	7	24	12	1,388	
Lake of the Woods	393	6	11	7	29	5	451	
Le Sueur	3,543	62	21	17	131	577	4,351	
Lincoln	890	8	0	3	10	36	947	
Lyon	3,527	282	15	366	159	604	4,953	
McLeod	4,486	47	16	36	129	658	5,372	
Mahnomen	241	0	690	0	472	34	1,437	
Marshall	1,202	5	3	6	33	105	1,354	
Martin	2,660	31	12	25	96	295	3,119	
Meeker	3,026	17	11	12	63	236	3,365	
Mille Lacs	5,509	48	356	29	243	141	6,326	
Morrison	5,006	74	37	22	147	139	5,425	
Mower	4,120	469	11	488	224	1,542	6,854	
Murray	975	8	6	23	8	48	1,068	
Nicollet	2,154	222	5	32	72	338	2,823	
Nobles	1,881	239	10	352	99	1,985	4,566	
Norman	872	6	23	1	86	120	1,108	
Olmsted	16,813	2,988	109	1,835	1,131	1,939	24,815	
Otter Tail	6,755	292	63	71	254	533	7,968	
Pennington	1,917	32	65	24	92	139	2,269	
Pine	3,268	59	223	18	133	120	3,821	
Pipestone	1,180	33	16	12	59	265	1,565	
Polk	4,087	250	97	20	208	577	5,239	
Pope	1,251	15	8	16	23	34	1,347	

Table 8. Pre-Kindergarten to 12th Grade Enrollment¹ by Race/Ethnicity, 2017-18 School Year.

State/County/CHB	Non-Hispanic Single Race Reported*					Multiple Races*	Hispanic	Total
	White	African American	American Indian	Asian/Pacific Islander				
State of Minnesota	588,186	97,656	14,206	60,798	41,731	82,275	884,852	
Ramsey	33,354	19,342	658	22,764	5,214	11,246	92,578	
Red Lake	682	5	15	0	25	39	766	
Redwood	1,550	11	257	17	144	99	2,078	
Renville	1,389	3	1	9	38	347	1,787	
Rice	5,808	1,015	15	136	234	1,567	8,775	
Rock	1,450	22	7	18	50	94	1,641	
Roseau	2,376	29	85	92	106	38	2,726	
St. Louis	21,103	800	786	229	1,861	603	25,382	
Scott	19,475	1,351	220	1,563	1,073	1,934	25,616	
Sherburne	17,688	414	66	358	886	732	20,144	
Sibley	1,565	20	2	16	71	509	2,183	
Stearns	17,687	4,449	87	448	904	1,571	25,146	
Steele	5,102	436	6	72	191	949	6,756	
Stevens	1,330	12	14	13	39	147	1,555	
Swift	1,344	35	5	8	22	169	1,583	
Todd	2,413	14	20	42	90	466	3,045	
Traverse	412	6	96	0	19	35	568	
Wabasha	4,043	62	14	30	79	257	4,485	
Wadena	3,079	33	18	24	99	81	3,334	
Waseca	3,119	87	12	28	80	327	3,653	
Washington	30,853	2,261	129	2,974	2,050	2,437	40,704	
Watonwan	906	14	3	18	12	913	1,866	
Wilkin	992	13	17	0	39	55	1,116	
Winona	4,392	207	13	122	236	322	5,292	
Wright	25,068	530	78	340	883	1,183	28,082	
Yellow Medicine	1,154	18	128	15	36	118	1,469	

Table 8. Pre-Kindergarten to 12th Grade Enrollment¹ by Race/Ethnicity, 2017-18 School Year.

State/County/CHB	Non-Hispanic Single Race Reported*					Multiple Races*	Hispanic	Total
	White	African American	American Indian	Asian/Pacific Islander				
State of Minnesota	588,186	97,656	14,206	60,798	41,731	82,275	884,852	
CHB - Aitkin, Itasca, Koochiching	8,758	88	817	39	657	208	10,567	
CHB - Clearwater, Hubbard, Lake of the Woods	3,722	46	365	23	290	141	4,587	
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	6,185	94	171	142	192	790	7,574	
CHB - Brown, Nicollet	5,233	260	9	55	120	744	6,421	
CHB - Carlton, Cook, Lake, St. Louis	28,335	848	1,315	276	2,432	737	33,943	
CHB - Cottonwood, Jackson	2,977	55	5	222	128	427	3,814	
CHB - Clay, Wilkin, Becker, Otter Tail	19,962	960	713	180	1,265	1,437	24,517	
CHB - Douglas, Grant, Pope, Stevens, Traverse	9,223	89	132	76	252	422	10,194	
CHB - Dodge, Steele	8,561	468	16	86	280	1,324	10,735	
CHB - Fillmore, Houston	6,099	210	41	72	170	155	6,747	
CHB - Faribault, Martin	4,137	56	14	32	132	577	4,948	
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	6,751	84	169	124	265	342	7,735	
CHB - Kandiyohi, Renville	4,608	895	24	127	98	1,935	7,687	
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	9,572	364	301	439	430	1,146	12,252	
CHB - LeSueur, Waseca	6,662	149	33	45	211	904	8,004	
CHB - Meeker, McLeod, Sibley	9,077	84	29	64	263	1,403	10,920	
CHB - Mahnomen, Norman, Polk	5,200	256	810	21	766	731	7,784	
CHB - Morrison, Todd, Wadena	10,498	121	75	88	336	686	11,804	

Table 8. Pre-Kindergarten to 12th Grade Enrollment¹ by Race/Ethnicity, 2017-18 School Year.

State/County/CHB	Non-Hispanic Single Race Reported*					Hispanic	Total
	White	African American	American Indian	Asian/Pacific Islander	Multiple Races*		
State of Minnesota	588,186	97,656	14,206	60,798	41,731	82,275	884,852
Metro CHBs²							
CHB - Bloomington Public School District	5,239	1,908	59	793	716	1,953	10,668
CHB - Edina Public School District	6,335	498	8	903	410	434	8,588
CHB - Minneapolis Public School District	12,449	13,160	1,151	1,925	1,187	6,485	36,357
CHB - Richfield Public School District	1,236	726	38	262	365	1,784	4,411
CHB - St. Paul Public School District	7,757	10,021	377	11,822	2,095	5,225	37,297

¹ Preschool - 12th Grade Enrollment: Included in these counts are students who were enrolled over October 1 of the school year. Grade Pre-kindergarten through grade 12 are included in the counts. Excluded from the counts are shared-time students, adult students, and students attending in other states or nonpublic schools for care and treatment purposes. Dual enrolled students are counted only once, usually at the regular school of enrollment.

² Counts for Metro CHBs only include students in schools affiliated with the city-specific Public School District. Additional schools can be identified using this listing of schools by city (<http://w20.education.state.mn.us/MdeOrgView/districts/cities>) and the data generated by the enrollment report at the source listed below.

Notes: Beginning with school year 2016-2017 race/ethnicity data collection and classification changed. Students who report more than one race are now classified as multiple races. Any student who reports Hispanic is only included in the Hispanic group regardless of any other reported races. Comparisons with years prior to 2016 are not equivalent because of the new multiple race classification. This has reduced the size of all the single race groups. Changes are based on the federal rules for identifying race and ethnicity.

Source: Minnesota Department of Education -- <http://w20.education.state.mn.us/MDEAnalytics/Data.jsp>

Table 9. Child Subjects of Maltreatment, Minnesota Residents, 2017.

State/County/CHB	Child	Total		Family Assessment				
	Population ¹ ages 0-17	Unique Child	Rate per 1,000	Medical Neglect	Neglect	Sexual Abuse	Mental Injury	Physical Abuse
State of Minnesota	1,288,333	39,606	30.7	53	24,635	5,261	1,160	14,289
Aitkin	2,630	127	48.3	1	91	17	2	34
Anoka	83,398	1,664	20.0	3	1,038	181	15	567
Becker	8,207	393	47.9	0	257	69	20	152
Beltrami	11,651	593	50.9	1	456	56	5	120
Benton	9,882	207	20.9	1	120	19	9	66
Big Stone	1,042	29	27.8	0	12	9	1	12
Blue Earth	13,013	474	36.4	0	336	56	4	111
Brown	5,563	216	38.8	0	139	23	27	71
Carlton	8,085	428	52.9	4	315	49	36	163
Carver	27,384	437	16.0	0	228	45	26	186
Cass	6,190	159	25.7	1	101	26	25	60
Chippewa	2,781	73	26.2	0	41	12	0	20
Chisago	12,543	317	25.3	1	188	48	7	98
Clay	15,053	496	33.0	0	291	56	14	177
Clearwater	2,194	131	59.7	0	95	27	16	29
Cook	820	52	63.4	0	34	3	8	14
Cottonwood	Only reported as Des Moines Valley (see below)							
Crow Wing	13,965	324	23.2	0	199	59	36	121
Dakota	102,983	2,143	20.8	2	1,435	212	7	605
Dodge	Only reported as MN Prairie (see below)							
Douglas	7,982	354	44.3	1	247	63	34	114
Faribault	Only reported as Faribault-Martin (see below)							
Fillmore	5,095	83	16.3	0	28	4	0	51
Freeborn	6,621	220	33.2	0	134	33	3	85
Goodhue	10,466	221	21.1	0	143	32	0	67
Grant	1,360	87	64.0	1	62	8	7	31
Hennepin	273,089	10,241	37.5	9	5,970	1,588	276	4,737
Houston	4,065	82	20.2	0	50	11	1	32
Hubbard	4,407	403	91.4	1	271	46	27	144
Isanti	9,312	249	26.7	0	154	35	8	92

Table 9. Child Subjects of Maltreatment, Minnesota Residents, 2017.

State/County/CHB	Child	Total		Family Assessment				
	Population ¹ ages 0-17	Unique Child	Rate per 1,000	Medical Neglect	Neglect	Sexual Abuse	Mental Injury	Physical Abuse
State of Minnesota	1,288,333	39,606	30.7	53	24,635	5,261	1,160	14,289
Itasca	9,563	424	44.3	1	297	74	8	134
Jackson	Only reported as Demoinis Valley (see below)							
Kanabec	3,394	166	48.9	0	101	25	15	64
Kandiyohi	10,193	261	25.6	0	176	48	6	88
Kittson	925	22	23.8	0	15	3	2	7
Koochiching	2,350	88	37.4	0	63	7	6	17
Lac Qui Parle	1,322	50	37.8	0	31	7	3	10
Lake	1,947	50	25.7	0	36	6	0	14
Lake of the Woods	687	28	40.8	0	21	2	0	11
Le Sueur	6,623	213	32.2	0	128	23	10	87
Lincoln	Only reported as SouthWest HHS (see below)							
Lyon	Only reported as SouthWest HHS (see below)							
McLeod	8,379	328	39.1	0	223	35	10	82
Mahnomen	1,710	35	20.5	0	21	8	1	13
Marshall	2,124	64	30.1	0	41	20	0	17
Martin	Only reported as Faribault-Martin (see below)							
Meeker	5,612	146	26.0	2	70	27	0	54
Mille Lacs	6,180	463	74.9	1	306	90	16	137
Morrison	7,732	186	24.1	0	98	50	4	50
Mower	9,793	361	36.9	0	245	66	7	101
Murray	Only reported as SouthWest HHS (see below)							
Nicollet	7,425	200	26.9	0	120	22	29	57
Nobles	5,842	107	18.3	0	51	15	3	46
Norman	1,511	57	37.7	0	32	10	3	14
Olmsted	37,756	820	21.7	0	545	86	13	212
Otter Tail	12,591	436	34.6	1	306	44	40	150
Pennington	3,291	137	41.6	0	94	13	4	47
Pine	5,799	415	71.6	0	259	85	8	132
Pipestone	Only reported as SouthWest HHS (see below)							
Polk	7,543	234	31.0	0	169	33	3	47
Pope	2,292	108	47.1	0	67	13	8	43

Table 9. Child Subjects of Maltreatment, Minnesota Residents, 2017.

State/County/CHB	Child Population ¹ ages 0-17	Total		Family Assessment				
		Unique Child	Rate per 1,000	Medical Neglect	Neglect	Sexual Abuse	Mental Injury	Physical Abuse
State of Minnesota	1,288,333	39,606	30.7	53	24,635	5,261	1,160	14,289
Ramsey	126,468	3,106	24.6	0	1,807	353	25	825
Red Lake	983	21	21.4	0	16	1	0	4
Redwood	Only reported as SouthWest HHS (see below)							
Renville	3,248	148	45.6	0	113	12	9	43
Rice	14,302	428	29.9	0	220	48	0	204
Rock	Only reported as SouthWest HHS (see below)							
Roseau	3,792	71	18.7	0	54	7	0	10
St. Louis	38,252	2,315	60.5	1	1,492	250	39	877
Scott	40,371	729	18.1	0	397	113	11	265
Sherburne	25,074	645	25.7	2	341	99	49	254
Sibley	3,509	153	43.6	0	99	23	1	54
Stearns	35,620	781	21.9	0	520	92	14	249
Steele	Only reported as MN Prairie (see below)							
Stevens	2,037	106	52.0	0	78	23	4	40
Swift	2,150	107	49.8	0	70	3	4	41
Todd	5,783	127	22.0	0	92	14	0	25
Traverse	686	63	91.8	0	46	7	3	25
Wabasha	4,693	116	24.7	0	59	16	1	43
Wadena	3,355	253	75.4	1	187	46	6	81
Waseca	Only reported as MN Prairie (see below)							
Washington	62,865	888	14.1	0	456	145	13	396
Watonwan	2,622	70	26.7	0	30	11	0	27
Wilkin	1,420	61	43.0	0	36	4	2	19
Winona	9,300	291	31.3	0	178	34	46	106
Wright	37,621	789	21.0	0	456	73	51	363
Yellow Medicine	2,289	119	52.0	0	85	12	8	32

Table 9. Child Subjects of Maltreatment, Minnesota Residents, 2017.

State/County/CHB	Child	Total		Family Assessment				
	Population ¹ ages 0-17	Unique Child	Rate per 1,000	Medical Neglect	Neglect	Sexual Abuse	Mental Injury	Physical Abuse
State of Minnesota	1,288,333	39,606	30.7	53	24,635	5,261	1,160	14,289
Leech Lake Band	1,975 ²	344	174.2	11	295	31	1	43
White Earth Nation	1,981 ²	411	207.5	1	365	12	5	72
CHB - Aitkin, Itasca, Koochiching	14,543	639	43.9	2	451	98	16	185
CHB - Clearwater, Hubbard, Lake of the Woods	7,288	562	77.1	1	387	75	43	184
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	9,584	378	39.4	0	239	43	16	115
CHB - Brown, Nicollet	12,988	416	32.0	0	259	45	56	128
CHB - Carlton, Cook, Lake, St. Louis	49,104	2,845	57.9	5	1,877	308	83	1,068
CHB - Cottonwood, Jackson	4,929	234	47.5	0	149	43	8	58
CHB - Clay, Wilkin, Becker, Otter Tail	37,271	1,386	37.2	1	890	173	76	498
CHB - Douglas, Grant, Pope, Stevens, Traverse	14,357	718	50.0	2	500	114	56	253
CHB - Dodge, Steele			Only reported as MN Prairie (see below)					
CHB - Fillmore, Houston	9,160	165	18.0	0	78	15	1	83
CHB - Faribault, Martin	7,349	370	50.3	0	0	0	0	0
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	11,115	315	28.3	0	220	44	6	85
CHB - Kandiyohi, Renville	13,441	409	30.4	0	289	60	15	131
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	18,037	759	42.1	2	480	107	34	267
CHB - LeSueur, Waseca			See Le Sueur county above; Waseca is included in MN Prairie (see below)					
CHB - Meecker, McLeod, Sibley	17,500	627	35.8	2	392	85	11	190
CHB - Mahnomen, Norman, Polk	10,764	326	30.3	0	222	51	7	74
CHB - Morrison, Todd, Wadena	16,870	566	33.6	1	377	110	10	156
MN Prairie	19,213	499	26.0	2	469	122	59	341

Table 9. Child Subjects of Maltreatment, Minnesota Residents, 2017.

State/County/CHB	Child	Total		Family Assessment				
	Population ¹ ages 0-17	Unique Child	Rate per 1,000	Medical Neglect	Neglect	Sexual Abuse	Mental Injury	Physical Abuse
State of Minnesota	1,288,333	39,606	30.7	53	24,635	5,261	1,160	14,289
Metro CHBs³								
CHB - Bloomington	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHB - Edina	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHB - Minneapolis	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHB - Richfield	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHB - St. Paul	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

¹ Population estimates come from the US Census estimates for 2016, except for Leech Lake Band of Ojibwe and White Earth Nation.

² These numbers represent the 2010 U.S. Census for children residing on the Leech Lake and White Earth reservations and who indicated “American Indian” alone or as one of two or more races. The Leech Lake reservation has land in Cass, Itasca, Beltrami and Hubbard counties. The White Earth reservation overlaps Mahnommen, Becker and Clearwater counties.

³ Data are only available by reporting agency. Cities may obtain data by special request, but there are no city-level reporting agencies. [dhs.csp.research@state.mn.us]

Source: MN Department of Human Services *Minnesota’s Child Maltreatment Report* located at:

<https://mn.gov/dhs/partners-and-providers/news-initiatives-reports-workgroups/child-protection-foster-care-adoption/>

Table 10. Children in Out-of-home Care per 1,000 in the Child Population (0-17 years old), Minnesota Residents, 2017.

	Child Population Ages 0-17 years	Total Children < 18 years	Children <18 per 1,000
State of Minnesota	1,288,333	16,064	12.5
Aitkin	2,630	65	24.7
Anoka	83,398	509	6.1
Becker	8,207	209	25.5
Beltrami	11,651	1128	96.8
Benton	9,882	113	11.4
Big Stone	1,042	15	14.4
Blue Earth	13,013	166	12.8
Brown	5,563	56	10.1
Carlton	8,085	146	18.1
Carver	27,384	161	5.9
Cass	6,190	129	20.8
Chippewa	2,781	8	2.9
Chisago	12,543	138	11.0
Clay	15,053	224	14.9
Clearwater	2,194	24	10.9
Cook	820	24	29.3
Cottonwood	Only reported as Des Moines Valley (see below)		
Crow Wing	13,965	244	17.5
Dakota	102,983	462	4.5
Dodge	Only reported as MN Prairie (see below)		
Douglas	7,982	95	11.9
Faribault	Only reported as Faribault-Martin (see below)		
Fillmore	5,095	25	4.9
Freeborn	6,621	98	14.8
Goodhue	10,466	106	10.1
Grant	1,360	10	7.4
Hennepin	273,089	3043	11.1
Houston	4,065	41	10.1
Hubbard	4,407	90	20.4
Isanti	9,312	118	12.7
Itasca	9,563	274	28.7
Jackson	Only reported as Des Moines Valley (see below)		
Kanabec	3,394	50	14.7
Kandiyohi	10,193	108	10.6
Kittson	925	8	8.6
Koochiching	2,350	62	26.4
Lac Qui Parle	1,322	15	11.3
Lake	1,947	27	13.9
Lake of the Woods	687	11	16.0
Le Sueur	6,623	57	8.6
Lincoln	Only reported as SouthWest HHS (see below)		
Lyon	Only reported as SouthWest HHS (see below)		
McLeod	8,379	135	16.1
Mahnomen	1,710	25	14.6

Table 10. Children in Out-of-home Care per 1,000 in the Child Population (0-17 years old), Minnesota Residents, 2017.

	Child Population Ages 0-17 years	Total Children < 18 years	Children <18 per 1,000
State of Minnesota	1,288,333	16,064	12.5
Marshall	2,124	11	5.2
Martin	Only reported as Faribault-Martin (see below)		
Meeker	5,612	34	6.1
Mille Lacs	6,180	259	41.9
Morrison	7,732	96	12.4
Mower	9,793	99	10.1
Murray	Only reported as SouthWest HHS (see below)		
Nicollet	7,425	80	10.8
Nobles	5,842	70	12.0
Norman	1,511	23	15.2
Olmsted	37,756	198	5.2
Otter Tail	12,591	170	13.5
Pennington	3,291	53	16.1
Pine	5,799	153	26.4
Pipestone	Only reported as SouthWest HHS (see below)		
Polk	7,543	93	12.3
Pope	2,292	29	12.7
Ramsey	126,468	1721	13.6
Red Lake	983	10	10.2
Redwood	Only reported as SouthWest HHS (see below)		
Renville	3,248	51	15.7
Rice	14,302	185	12.9
Rock	Only reported as SouthWest HHS (see below)		
Roseau	3,792	25	6.6
St. Louis	38,252	1226	32.1
Scott	40,371	157	3.9
Sherburne	25,074	147	5.9
Sibley	3,509	39	11.1
Stearns	35,620	421	11.8
Steele	Only reported as MN Prairie (see below)		
Stevens	2,037	31	15.2
Swift	2,150	50	23.3
Todd	5,783	102	17.6
Traverse	686	17	24.8
Wabasha	4,693	48	10.2
Wadena	3,355	82	24.4
Waseca	Only reported as MN Prairie (see below)		
Washington	62,865	253	4.0
Watonwan	2,622	18	6.9
Wilkin	1,420	13	9.2
Winona	9,300	136	14.6
Wright	37,621	251	6.7
Yellow Medicine	2,289	43	18.8

Table 10. Children in Out-of-home Care per 1,000 in the Child Population (0-17 years old), Minnesota Residents, 2017.

	Child Population Ages 0-17 years	Total Children < 18 years	Children <18 per 1,000
State of Minnesota	1,288,333	16,064	12.5
Leech Lake Band	1,975 ^b	251	127.1
White Earth Band	1,981 ^b	497	250.9
CHB - Aitkin, Itasca, Koochiching	14,543	401	27.6
CHB - Clearwater, Hubbard, Lake of the Woods	7,288	125	17.2
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	9,584	131	13.7
CHB - Brown, Nicollet	12,988	136	10.5
CHB - Carlton, Cook, Lake, St. Louis	49,104	1,423	29.0
CHB - Cottonwood, Jackson	4,929	70	14.2
CHB - Clay, Wilkin, Becker, Otter Tail	37,271	181	4.9
CHB - Douglas, Grant, Pope, Stevens, Traverse	14,357	114	7.9
CHB - Dodge, Steele	Only reported as MN Prairie (see below)		
CHB - Fillmore, Houston	9,160	66	7.2
CHB - Faribault, Martin	7,349	156	21.2
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	11,115	213	19.2
CHB - Kandiyohi, Renville	13,441	490	36.5
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	18,037	283	15.7
CHB - LeSueur, Waseca	See Le Sueur county; Waseca is in MN Prairie (see below)		
CHB - Meeker, McLeod, Sibley	17,500	295	16.9
CHB - Mahnomon, Norman, Polk	10,764	114	10.6
CHB - Morrison, Todd, Wadena	16,870	483	28.6
MN Prairie	19,213	194	10.1

Table 10. Children in Out-of-home Care per 1,000 in the Child Population (0-17 years old), Minnesota Residents, 2017.

	Child Population Ages 0-17 years	Total Children < 18 years	Children <18 per 1,000
State of Minnesota	1,288,333	16,064	12.5
Metro CHBs³			
CHB - Bloomington	N/A	N/A	N/A
CHB - Edina	N/A	N/A	N/A
CHB - Minneapolis	N/A	N/A	N/A
CHB - Richfield	N/A	N/A	N/A
CHB - St. Paul	N/A	N/A	N/A

¹ Population estimates come from the US Census estimates for 2016, except for Leech Lake Band of Ojibwe and White

² These numbers represent the 2010 U.S. Census for children residing on the Leech Lake and White Earth reservations and who indicated “American Indian” alone or as one of two or more races. The Leech Lake reservation has land in Cass, Itasca, Beltrami and Hubbard counties. The White Earth reservation overlaps Mahnommen, Becker and Clearwater counties.

³ Data are only available by reporting agency. Cities may obtain data by special request, but there are no city-level reporting agencies. [dhs.csp.research@state.mn.us]

Source: MN Department of Human Services *Minnesota’s Out-of-Home Care and Permanency Report* located at:

<https://mn.gov/dhs/partners-and-providers/news-initiatives-reports-workgroups/child-protection-foster-care-adoption/>

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Nativity Tables

Table 1. Selected Natality Statistics, Minnesota Residents, 2017

Table 2. Selected Fertility Statistics, Minnesota Residents, 2017

Table 3. Previous Births, Minnesota Residents, 2017

Table 4. Teen Birth and Pregnancy Rates, Minnesota Residents, 2017

Table 5. Race and Ethnicity of Mother, Minnesota Residents, 2017

Table 6. Educational Status of Mother, Minnesota Residents, 2017

Table 7. Selected Characteristics of Births, Minnesota Residents, 2017

Table 8. Prenatal Care Utilization, Minnesota Residents, 2017

Table 9. Route of Delivery, Minnesota Residents, 2017

Table 10. Prematurity and Low Birth Weight, Singletons, Minnesota Residents, 2017

Table 11. Infant Mortality, Minnesota Residents, 2013-2017

6/24/2019

Table 10 was updated. State percent for VLBW was corrected, counts for low birth weight were updated to include all low birth weight and very low birth weight.

7/15/2019

Tables 7a and 7b were updated. Table 7a title was corrected from "7b." An additional column regarding smoking during pregnancy was added to both tables.

Table 1. Selected Minnesota Natality Statistics by State/County/CHB¹, Minnesota Residents, 2017.

	Number of Births	Fertility Rate ²	Birth Rate ³	Number of Deaths	Death Rate ⁴	Natural Rate of Increase
State of Minnesota	68,599	64.3	12.3	44,351	8.0	4.3
Aitkin	121	63.7	7.6	229	14.5	-6.8
Anoka	4,213	64.0	12.0	2,263	6.4	5.5
Becker	399	71.5	11.7	367	10.8	0.9
Beltrami	660	71.4	14.2	424	9.1	5.1
Benton	528	66.5	13.2	367	9.2	4.0
Big Stone	64	92.2	12.7	79	15.7	-3.0
Blue Earth	692	43.2	10.3	499	7.5	2.9
Brown	274	64.5	10.9	302	12.0	-1.1
Carlton	368	64.3	10.4	366	10.3	0.1
Carver	1,170	60.3	11.5	514	5.0	6.4
Cass	282	69.0	9.6	338	11.5	-1.9
Chippewa	163	87.4	13.6	164	13.7	-0.1
Chisago	594	63.4	10.7	444	8.0	2.7
Clay	907	62.8	14.3	523	8.2	6.0
Clearwater	110	81.0	12.4	114	12.8	-0.5
Cook	45	58.6	8.3	59	10.9	-2.6
Cottonwood	148	86.2	13.1	146	12.9	0.2
Crow Wing	662	64.4	10.3	675	10.5	-0.2
Dakota	5,144	63.9	12.2	2,594	6.2	6.0
Dodge	230	59.4	11.1	171	8.2	2.8
Douglas	434	72.4	11.6	423	11.3	0.3
Faribault	140	66.5	10.2	184	13.3	-3.2
Fillmore	266	80.6	12.7	228	10.9	1.8
Freeborn	322	66.8	10.5	376	12.3	-1.8
Goodhue	494	64.8	10.7	494	10.7	0.0
Grant	60	67.8	10.1	66	11.1	-1.0
Hennepin	16,322	62.1	13.0	8,877	7.1	5.9
Houston	229	80.1	12.3	179	9.6	2.7
Hubbard	216	73.4	10.3	216	10.3	0.0
Isanti	430	60.7	10.9	319	8.1	2.8
Itasca	466	68.8	10.3	503	11.1	-0.8
Jackson	105	68.9	10.6	94	9.5	1.1
Kanabec	181	71.9	11.3	150	9.4	1.9
Kandiyohi	601	84.2	14.1	366	8.6	5.5
Kittson	64	108.8	15.1	77	18.1	-3.1
Koochiching	104	55.8	8.3	122	9.7	-1.4
Lac Qui Parle	58	60.7	8.7	84	12.6	-3.9
Lake	99	68.8	9.4	148	14.1	-4.7
Lake of the Woods	34	67.5	9.1	48	12.8	-3.7
Le Sueur	353	73.1	12.6	229	8.1	4.4
Lincoln	74	91.6	13.0	71	12.5	0.5
Lyon	358	71.8	13.9	216	8.4	5.5
McLeod	357	58.1	9.9	354	9.9	0.1
Mahnomen	99	108.7	17.7	80	14.3	3.4

Table 1. Selected Minnesota Natality Statistics by State/County/CHB¹, Minnesota Residents, 2017.

	Number of Births	Fertility Rate ²	Birth Rate ³	Number of Deaths	Death Rate ⁴	Natural Rate of Increase
State of Minnesota	68,599	64.3	12.3	44,351	8.0	4.3
Marshall	131	90.6	14.0	83	8.9	5.1
Martin	231	75.8	11.6	270	13.6	-2.0
Meeker	252	68.8	10.9	246	10.6	0.3
Mille Lacs	328	76.8	12.7	282	10.9	1.8
Morrison	357	67.2	10.8	286	8.6	2.1
Mower	525	76.7	13.3	443	11.2	2.1
Murray	87	69.8	10.4	113	13.5	-3.1
Nicollet	378	54.2	11.1	239	7.0	4.1
Nobles	384	101.3	17.5	189	8.6	8.9
Norman	83	80.5	12.6	115	17.4	-4.9
Olmsted	2,114	69.4	13.6	1,056	6.8	6.8
Otter Tail	663	78.0	11.4	654	11.2	0.2
Pennington	170	67.8	11.9	141	9.9	2.0
Pine	276	66.0	9.5	277	9.5	0.0
Pipestone	130	91.8	14.3	128	14.1	0.2
Polk	434	78.9	13.7	340	10.8	3.0
Pope	128	79.9	11.7	104	9.5	2.2
Ramsey	7,689	65.8	14.0	4,346	7.9	6.1
Red Lake	41	65.1	10.2	32	7.9	2.2
Redwood	184	77.7	12.0	199	13.0	-1.0
Renville	183	82.5	12.5	174	11.9	0.6
Rice	752	58.7	11.4	577	8.7	2.7
Rock	108	69.5	11.4	124	13.1	-1.7
Roseau	177	73.8	11.5	142	9.3	2.3
St. Louis	1,991	53.4	10.0	2,086	10.4	-0.5
Scott	1,835	63.9	12.6	682	4.7	7.9
Sherburne	1,216	67.1	12.9	568	6.0	6.9
Sibley	156	64.0	10.5	125	8.4	2.1
Stearns	2,058	63.8	13.0	1,045	6.6	6.4
Steele	421	66.3	11.4	354	9.6	1.8
Stevens	129	61.4	13.4	84	8.7	4.7
Swift	119	81.1	12.7	137	14.6	-1.9
Todd	326	88.9	13.3	194	7.9	5.4
Traverse	40	83.5	12.1	58	17.5	-5.4
Wabasha	243	71.4	11.2	196	9.1	2.2
Wadena	194	89.8	14.2	219	16.0	-1.8
Waseca	198	52.9	10.5	169	9.0	1.5
Washington	2,725	58.2	10.6	1,714	6.7	3.9
Watonwan	159	86.9	14.7	125	11.5	3.1
Wilkin	83	82.1	13.1	80	12.7	0.5
Winona	450	39.4	8.8	444	8.7	0.1
Wright	1,705	67.6	12.7	856	6.4	6.3
Yellow Medicine	106	68.4	10.7	113	11.5	-0.7

Table 1. Selected Minnesota Natality Statistics by State/County/CHB¹, Minnesota Residents, 2017.

	Number of Births	Fertility Rate ²	Birth Rate ³	Number of Deaths	Death Rate ⁴	Natural Rate of Increase
State of Minnesota	68,599	64.3	12.3	44,351	8.0	4.3
CHB - Aitkin, Itasca, Koochiching	691	65.6	9.4	854	11.6	-2.2
CHB - Clearwater, Hubbard, Lake of the Woods	360	74.9	10.7	378	11.2	-0.5
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	510	78.1	11.9	577	13.4	-1.6
CHB - Brown, Nicollet	652	58.1	11.0	541	9.1	1.9
CHB - Carlton, Cook, Lake, St. Louis	2,503	55.3	10.0	2,659	10.6	-0.6
CHB - Cottonwood, Jackson	253	78.1	11.9	240	11.3	0.6
CHB - Clay, Wilkin, Becker, Otter Tail	2,052	69.5	12.6	1,624	10.0	2.6
CHB - Douglas, Grant, Pope, Stevens, Traverse	791	71.5	11.7	735	10.9	0.8
CHB - Dodge, Steele	651	63.6	11.3	525	9.1	2.2
CHB - Fillmore, Houston	495	80.3	12.5	407	10.3	2.2
CHB - Faribault, Martin	371	72.0	11.0	454	13.5	-2.5
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	583	77.0	12.4	475	10.1	2.3
CHB - Kandiyohi, Renville	784	83.8	13.7	540	9.4	4.3
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	941	76.0	12.8	851	11.5	1.2
CHB - LeSueur, Waseca	551	64.3	11.7	398	8.5	3.3
CHB - Meeker, McLeod, Sibley	765	62.5	10.4	725	9.8	0.5
CHB - Mahnomen, Norman, Polk	616	82.8	14.1	535	12.2	1.8
CHB - Morrison, Todd, Wadena	877	78.7	12.3	699	9.8	2.5

Table 1. Selected Minnesota Natality Statistics by State/County/CHB¹, Minnesota Residents, 2017.

	Number of Births	Fertility Rate ²	Birth Rate ³	Number of Deaths	Death Rate ⁴	Natural Rate of Increase
State of Minnesota	68,599	64.3	12.3	44,351	8.0	4.3
Metro CHBs						
CHB - Bloomington	1,021	65.8	12.0	860	10.1	1.9
CHB - Edina	475	61.2	9.4	527	10.4	-1.0
CHB - Minneapolis	5,871	55.9	14.3	2,561	6.2	8.0
CHB - Richfield	530	73.6	14.7	295	8.2	6.5
CHB - St. Paul	4,904	69.9	16.3	2,132	7.1	9.2

¹ Four individuals are missing county of residence and are not included on any table.

² The crude fertility rate (or general fertility rate) is the total number of live births per 1,000 females ages 15 to 44 years.

³ Total number of live births per 1,000 total population.

⁴ Number of deaths per 1,000 total population.

Table 2. Selected Fertility Statistics by State/County/CHB, Minnesota Residents, 2017.

	Number Pregnancies	Pregnancy ¹ Rate	Number Abortions	Abortion ² Rate	Number Fetal Deaths	Fetal Deaths ³ Rate
State of Minnesota	78,202	73.3	9,211	8.6	392	5.7
Aitkin	130	68.4	9	--	0	--
Anoka	4,858	73.8	619	9.4	26	6.1
Becker	410	73.5	8	--	3	--
Beltrami	690	74.6	27	2.9	3	--
Benton	623	78.5	89	11.2	6	--
Big Stone	70	100.9	3	--	3	--
Blue Earth	807	50.4	114	7.1	1	--
Brown	287	67.6	13	--	0	--
Carlton	409	71.5	38	6.6	3	--
Carver	1,268	65.3	87	4.5	11	--
Cass	306	74.9	19	--	5	--
Chippewa	168	90.1	5	--	0	--
Chisago	650	69.4	55	5.9	1	--
Clay	921	63.8	13	--	1	--
Clearwater	113	83.2	2	--	1	--
Cook	51	66.4	6	--	0	--
Cottonwood	157	91.5	8	--	1	--
Crow Wing	715	69.5	53	5.2	0	--
Dakota	5,992	74.5	818	10.2	30	5.8
Dodge	244	63.0	13	--	1	--
Douglas	447	74.5	10	--	3	--
Faribault	148	70.3	8	--	0	--
Fillmore	292	88.5	23	7.0	3	--
Freeborn	347	72.0	25	5.2	0	--
Goodhue	541	70.9	45	5.9	2	--
Grant	63	71.2	2	--	1	--
Hennepin	19,844	75.6	3,416	13.0	106	6.5
Houston	241	84.3	12	--	0	--
Hubbard	222	75.4	5	--	1	--
Isanti	472	66.6	39	5.5	3	--

Table 2. Selected Fertility Statistics by State/County/CHB, Minnesota Residents, 2017.

	Number Pregnancies	Pregnancy ¹ Rate	Number Abortions	Abortion ² Rate	Number Fetal Deaths	Fetal Deaths ³ Rate
State of Minnesota	78,202	73.3	9,211	8.6	392	5.7
Itasca	501	74.0	34	5.0	1	--
Jackson	110	72.2	5	--	0	--
Kanabec	194	77.1	11	--	2	--
Kandiyohi	641	89.8	34	4.8	6	--
Kittson	64	108.8	0	--	0	--
Koochiching	117	62.8	12	--	1	--
Lac Qui Parle	58	60.7	0	--	0	--
Lake	106	73.7	7	--	0	--
Lake of the Woods	37	73.4	2	--	1	--
Le Sueur	376	77.9	19	--	4	--
Lincoln	74	91.6	0	--	0	--
Lyon	386	77.4	26	5.2	2	--
McLeod	383	62.3	26	4.2	0	--
Mahnomen	103	113.1	1	--	3	--
Marshall	131	90.6	0	--	0	--
Martin	253	83.0	19	--	3	--
Meeker	271	74.0	18	--	1	--
Mille Lacs	355	83.1	26	6.1	1	--
Morrison	373	70.3	14	--	2	--
Mower	566	82.7	38	5.6	3	--
Murray	87	69.8	0	--	0	--
Nicollet	419	60.1	39	5.6	2	--
Nobles	390	102.9	5	--	1	--
Norman	83	80.5	0	--	0	--
Olmsted	2,336	76.6	208	6.8	14	--
Otter Tail	672	79.1	4	--	5	--
Pennington	174	69.4	4	--	0	--
Pine	302	72.2	24	5.7	2	--
Pipestone	131	92.5	0	--	1	--
Polk	438	79.7	4	--	0	--
Pope	134	83.6	6	--	0	--

Table 2. Selected Fertility Statistics by State/County/CHB, Minnesota Residents, 2017.

	Number Pregnancies	Pregnancy ¹ Rate	Number Abortions	Abortion ² Rate	Number Fetal Deaths	Fetal Deaths ³ Rate
State of Minnesota	78,202	73.3	9,211	8.6	392	5.7
Ramsey	9,306	79.6	1,572	13.5	45	5.8
Red Lake	42	66.7	1	--	0	--
Redwood	194	81.9	10	--	0	--
Renville	195	87.9	9	--	3	--
Rice	811	63.3	56	4.4	3	--
Rock	110	70.8	2	--	0	--
Roseau	179	74.7	1	--	1	--
St. Louis	2,271	60.9	275	7.4	5	--
Scott	2,033	70.7	192	6.7	6	--
Sherburne	1,313	72.5	90	5.0	7	--
Sibley	167	68.5	9	--	2	--
Stearns	2,274	70.5	210	6.5	6	--
Steele	458	72.1	31	4.9	6	--
Stevens	136	64.7	5	--	2	--
Swift	129	87.9	10	--	0	--
Todd	337	91.9	10	--	1	--
Traverse	40	83.5	0	--	0	--
Wabasha	259	76.1	14	--	2	--
Wadena	195	90.3	1	--	0	--
Waseca	220	58.8	21	5.6	1	--
Washington	3,085	65.9	346	7.4	14	--
Watsonwan	168	91.9	8	--	1	--
Wilkin	85	84.1	2	--	0	--
Winona	492	43.1	38	3.3	4	--
Wright	1,837	72.8	120	4.8	12	--
Yellow Medicine	115	74.2	8	--	1	--

Table 2. Selected Fertility Statistics by State/County/CHB, Minnesota Residents, 2017.

	Number Pregnancies	Pregnancy ¹ Rate	Number Abortions	Abortion ² Rate	Number Fetal Deaths	Fetal Deaths ³ Rate
State of Minnesota	78,202	73.3	9,211	8.6	392	5.7
CHB - Aitkin, Itasca, Koochiching	748	71.0	55	5.2	2	--
CHB - Clearwater, Hubbard, Lake of the Woods	372	77.4	9	--	3	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	537	82.2	26	4.0	1	--
CHB - Brown, Nicollet	707	63.0	52	4.6	3	--
CHB - Carlton, Cook, Lake, St. Louis	2,837	62.7	326	7.2	8	--
CHB - Cottonwood, Jackson	267	82.4	13	--	1	--
CHB - Clay, Wilkin, Becker, Otter Tail	2,088	70.7	27	0.9	9	--
CHB - Douglas, Grant, Pope, Stevens, Traverse	820	74.1	23	2.1	6	--
CHB - Dodge, Steele	702	68.6	44	4.3	7	--
CHB - Fillmore, Houston	533	86.5	35	5.7	3	--
CHB - Faribault, Martin	401	77.8	27	5.2	3	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	590	77.9	6	--	1	--
CHB - Kandiyohi, Renville	836	89.3	43	4.6	9	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	982	79.3	38	3.1	3	--
CHB - LeSueur, Waseca	596	69.5	40	4.7	5	--
CHB - Meeker, McLeod, Sibley	821	67.0	53	4.3	3	--
CHB - Mahnomen, Norman, Polk	624	83.9	5	--	3	--
CHB - Morrison, Todd, Wadena	905	81.3	25	2.2	3	--

Table 2. Selected Fertility Statistics by State/County/CHB, Minnesota Residents, 2017.

	Number Pregnancies	Pregnancy ¹ Rate	Number Abortions	Abortion ² Rate	Number Fetal Deaths	Fetal Deaths ³ Rate
State of Minnesota	78,202	73.3	9,211	8.6	392	5.7
Metro CHBs						
CHB - Bloomington	1,187	76.5	160	10.3	6	--
CHB - Edina	525	67.7	50	6.4	0	--
CHB - Minneapolis	7,722	73.6	1,804	17.2	47	7.9
CHB - Richfield	610	84.7	74	10.3	6	--
CHB - St. Paul	6,332	90.3	1,399	20.0	29	5.9

¹ The number of pregnancies per 1,000 population of women ages 15 - 44 years.

² The number of abortions per 1,000 population of women ages 15 - 44 years.

³ Fetal deaths per 1,000 live births + fetal losses.

-- Rates not calculated for fewer than 20 events.

Table 3. Previous Births by State/County/CHB, Minnesota Residents, 2017.

	# with No ¹ Previous Births	% with No Previous Births	# with 4+ Births ¹	% with 4+ Births ¹	# Live Birth w/in 1 Year ²	% Live Birth w/in 1 Year ²
State of Minnesota	25,411	37.0%	4,591	6.7%	975	2.3%
Aitkin	43	35.5%	14	--	1	--
Anoka	1,562	37.1%	242	5.7%	49	1.8%
Becker	131	32.8%	47	11.8%	8	--
Beltrami	219	33.2%	64	9.7%	7	--
Benton	165	31.3%	30	5.7%	19	--
Big Stone	24	37.5%	0	--	2	--
Blue Earth	276	39.9%	38	5.5%	3	--
Brown	97	35.4%	15	--	2	--
Carlton	113	30.7%	15	--	6	--
Carver	446	38.1%	45	3.8%	11	--
Cass	92	32.6%	31	11.0%	10	--
Chippewa	47	28.8%	10	--	3	--
Chisago	215	36.2%	20	3.4%	5	--
Clay	326	35.9%	54	6.0%	5	--
Clearwater	37	33.6%	11	--	1	--
Cook	21	46.7%	1	--	1	--
Cottonwood	34	23.0%	19	--	3	--
Crow Wing	229	34.6%	44	6.6%	12	--
Dakota	2,001	38.9%	196	3.8%	80	2.5%
Dodge	82	35.7%	6	--	2	--
Douglas	159	36.6%	19	--	4	--
Faribault	44	31.4%	8	--	0	--
Fillmore	84	31.6%	29	10.9%	5	--
Freeborn	107	33.2%	19	--	5	--
Goodhue	177	35.8%	24	4.9%	7	--
Grant	20	33.3%	5	--	1	--
Hennepin	6,758	41.4%	1,089	6.7%	166	1.7%
Houston	80	34.9%	10	--	3	--
Hubbard	68	31.5%	20	9.3%	3	--
Isanti	159	37.0%	21	4.9%	2	--
Itasca	158	33.9%	31	6.7%	4	--

Table 3. Previous Births by State/County/CHB, Minnesota Residents, 2017.

	# with No ¹ Previous Births	% with No Previous Births	# with 4+ Births ¹	% with 4+ Births ¹	# Live Birth w/in 1 Year ²	% Live Birth w/in 1 Year ²
State of Minnesota	25,411	37.0%	4,591	6.7%	975	2.3%
Jackson	33	31.4%	3	--	3	--
Kanabec	50	27.6%	12	--	9	--
Kandiyohi	165	27.5%	67	11.1%	14	--
Kittson	22	34.4%	3	--	0	--
Koochiching	35	33.7%	5	--	1	--
Lac Qui Parle	30	51.7%	1	--	0	--
Lake	32	32.3%	3	--	3	--
Lake of the Woods	12	--	3	--	2	--
Le Sueur	135	38.2%	22	6.2%	3	--
Lincoln	27	36.5%	4	--	2	--
Lyon	121	33.8%	25	7.0%	8	--
McLeod	134	37.5%	12	--	5	--
Mahnomen	37	37.4%	21	21.2%	2	--
Marshall	51	38.9%	3	--	2	--
Martin	75	32.5%	20	8.7%	1	--
Meeker	84	33.3%	28	11.1%	4	--
Mille Lacs	103	31.4%	33	10.1%	9	--
Morrison	127	35.6%	21	5.9%	4	--
Mower	155	29.5%	43	8.2%	6	--
Murray	28	32.2%	1	--	4	--
Nicollet	136	36.0%	18	--	1	--
Nobles	105	27.3%	29	7.6%	10	--
Norman	28	33.7%	7	--	0	--
Olmsted	768	36.3%	114	5.4%	26	1.9%
Otter Tail	223	33.6%	51	7.7%	8	--
Pennington	62	36.5%	12	--	5	--
Pine	85	30.8%	21	7.6%	5	--
Pipestone	41	31.5%	10	--	4	--
Polk	142	32.7%	36	8.3%	6	--
Pope	45	35.2%	7	--	7	--

Table 3. Previous Births by State/County/CHB, Minnesota Residents, 2017.

	# with No ¹ Previous Births	% with No Previous Births	# with 4+ Births ¹	% with 4+ Births ¹	# Live Birth w/in 1 Year ²	% Live Birth w/in 1 Year ²
State of Minnesota	25,411	37.0%	4,591	6.7%	975	2.3%
Ramsey	2,852	37.1%	681	8.9%	160	3.3%
Red Lake	16	--	1	--	0	--
Redwood	52	28.3%	18	--	5	--
Renville	60	32.8%	11	--	2	--
Rice	222	29.5%	86	11.4%	8	--
Rock	33	30.6%	5	--	4	--
Roseau	45	25.4%	10	--	4	--
St. Louis	817	41.0%	108	5.4%	47	4.0%
Scott	704	38.4%	97	5.3%	9	--
Sherburne	401	33.0%	86	7.1%	13	--
Sibley	59	37.8%	11	--	1	--
Stearns	642	31.2%	217	10.5%	60	4.2%
Steele	140	33.3%	29	6.9%	8	--
Stevens	43	33.3%	5	--	0	--
Swift	38	31.9%	13	--	4	--
Todd	101	31.0%	52	16.0%	2	--
Traverse	12	--	4	--	2	--
Wabasha	105	43.2%	6	--	1	--
Wadena	56	28.9%	25	12.9%	1	--
Waseca	71	35.9%	11	--	1	--
Washington	1,011	37.1%	95	3.5%	38	2.2%
Watonwan	50	31.4%	7	--	1	--
Wilkin	30	36.1%	4	--	1	--
Winona	162	36.0%	44	9.8%	4	--
Wright	595	34.9%	144	8.4%	15	--
Yellow Medicine	29	27.4%	9	--	0	--

Table 3. Previous Births by State/County/CHB, Minnesota Residents, 2017.

	# with No ¹ Previous Births	% with No Previous Births	# with 4+ Births ¹	% with 4+ Births ¹	# Live Birth w/in 1 Year ²	% Live Birth w/in 1 Year ²
State of Minnesota	25,411	37.0%	4,591	6.7%	975	2.3%
CHB - Aitkin, Itasca, Koochiching	236	34.2%	50	7.2%	6	--
CHB - Clearwater, Hubbard, Lake of the Woods	117	32.5%	34	9.4%	6	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	168	32.9%	33	6.5%	9	--
CHB - Brown, Nicollet	233	35.7%	33	5.1%	3	--
CHB - Carlton, Cook, Lake, St. Louis	983	39.3%	127	5.1%	57	3.8%
CHB - Cottonwood, Jackson	67	26.5%	22	8.7%	6	--
CHB - Clay, Wilkin, Becker, Otter Tail	710	34.6%	156	7.6%	22	1.6%
CHB - Douglas, Grant, Pope, Stevens, Traverse	279	35.3%	40	5.1%	14	--
CHB - Dodge, Steele	222	34.1%	35	5.4%	10	--
CHB - Fillmore, Houston	164	33.1%	39	7.9%	8	--
CHB - Faribault, Martin	119	32.1%	28	7.5%	1	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	196	33.6%	29	5.0%	11	--
CHB - Kandiyohi, Renville	225	28.7%	78	9.9%	16	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	302	32.1%	63	6.7%	27	4.2%
CHB - LeSueur, Waseca	206	37.4%	33	6.0%	4	--
CHB - Meeker, McLeod, Sibley	277	36.2%	51	6.7%	10	--
CHB - Mahnomen, Norman, Polk	207	33.6%	64	10.4%	8	--
CHB - Morrison, Todd, Wadena	284	32.4%	98	11.2%	7	--

Table 3. Previous Births by State/County/CHB, Minnesota Residents, 2017.

	# with No ¹ Previous Births	% with No Previous Births	# with 4+ Births ¹	% with 4+ Births ¹	# Live Birth w/in 1 Year ²	% Live Birth w/in 1 Year ²
State of Minnesota	25,411	37.0%	4,591	6.7%	975	2.3%
Metro CHBs						
CHB - Bloomington	447	43.8%	49	4.8%	15	--
CHB - Edina	183	38.5%	9	--	3	--
CHB - Minneapolis	2,442	41.6%	637	10.8%	70	2.0%
CHB - Richfield	242	45.7%	25	4.7%	5	--
CHB - St. Paul	1,783	36.4%	539	11.0%	121	3.9%

¹ Births to women no previous live births [or no indication (missing) of previous live birth].

¹ Births to women with four or more previous live births.

² Percent of those who have had a previous live birth within one year of the current birth; does not include those who have had no previous live birth.

-- Rate not calculated for fewer than 20 events.

Table 4a. Teen Birth and Pregnancy Counts by State/County/CHB, Minnesota Residents, 2017.

	Birth Counts ¹			Pregnancy Counts ²		
	15-17 yrs	18-19 yrs	15-19 yrs	15-17 yrs	18-19 yrs	15-19 yrs
State of Minnesota	475	1637	2112	700	2176	2876
Aitkin	2	6	8	2	7	9
Anoka	19	80	99	35	119	154
Becker	2	13	15	2	14	16
Beltrami	17	36	53	18	39	57
Benton	2	11	13	3	20	23
Big Stone	1	1	2	1	1	2
Blue Earth	4	21	25	7	24	31
Brown	3	9	12	3	9	12
Carlton	5	16	21	6	18	24
Carver	2	10	12	7	13	20
Cass	12	13	25	12	15	27
Chippewa	4	5	9	4	6	10
Chisago	4	7	11	5	13	18
Clay	7	24	31	7	26	33
Clearwater	5	6	11	6	6	12
Cook	0	0	0	0	0	0
Cottonwood	0	4	4	1	5	6
Crow Wing	5	28	33	6	34	40
Dakota	24	66	90	40	107	147
Dodge	0	7	7	0	7	7
Douglas	1	7	8	1	9	10
Faribault	1	0	1	2	0	2
Fillmore	0	4	4	2	5	7
Freeborn	5	12	17	6	13	19
Goodhue	1	15	16	3	18	21
Grant	0	1	1	0	1	1
Hennepin	109	322	431	192	492	684
Houston	2	0	2	2	1	3
Hubbard	5	10	15	5	10	15
Isanti	2	15	17	2	19	21
Itasca	6	17	23	6	21	27
Jackson	1	4	5	1	4	5
Kanabec	2	8	10	3	9	12
Kandiyohi	6	17	23	7	19	26
Kittson	0	2	2	0	2	2
Koochiching	0	7	7	2	9	11
Lac Qui Parle	0	1	1	0	1	1
Lake	0	5	5	0	7	7
Lake of the Woods	0	2	2	0	2	2
Le Sueur	0	15	15	0	16	16
Lincoln	0	3	3	0	3	3
Lyon	3	8	11	4	10	14
McLeod	1	9	10	2	13	15
Mahnomen	5	7	12	5	7	12

Table 4a. Teen Birth and Pregnancy Counts by State/County/CHB, Minnesota Residents, 2017.

	Birth Counts ¹			Pregnancy Counts ²		
	15-17 yrs	18-19 yrs	15-19 yrs	15-17 yrs	18-19 yrs	15-19 yrs
State of Minnesota	475	1637	2112	700	2176	2876
Marshall	0	4	4	0	4	4
Martin	2	9	11	2	12	14
Meeker	0	8	8	0	10	10
Mille Lacs	6	19	25	7	22	29
Morrison	1	12	13	1	14	15
Mower	7	15	22	7	17	24
Murray	0	3	3	0	3	3
Nicollet	2	9	11	2	15	17
Nobles	10	26	36	10	26	36
Norman	1	6	7	1	6	7
Olmsted	10	34	44	15	43	58
Otter Tail	3	27	30	3	28	31
Pennington	1	11	12	2	11	13
Pine	3	10	13	6	11	17
Pipestone	0	2	2	0	2	2
Polk	5	18	23	5	18	23
Pope	1	2	3	1	2	3
Ramsey	67	215	282	105	290	395
Red Lake	1	3	4	1	3	4
Redwood	3	4	7	3	5	8
Renville	3	9	12	3	9	12
Rice	2	13	15	3	19	22
Rock	0	4	4	0	4	4
Roseau	0	4	4	0	4	4
St. Louis	21	78	99	29	102	131
Scott	9	28	37	12	39	51
Sherburne	7	22	29	9	29	38
Sibley	1	3	4	1	3	4
Stearns	8	42	50	15	64	79
Steele	2	9	11	3	13	16
Stevens	1	0	1	1	2	3
Swift	0	5	5	0	6	6
Todd	4	16	20	4	17	21
Traverse	1	0	1	1	0	1
Wabasha	0	7	7	2	7	9
Wadena	3	7	10	3	7	10
Waseca	2	4	6	2	4	6
Washington	9	38	47	17	64	81
Watonwan	2	11	13	2	11	13
Wilkin	1	1	2	1	1	2
Winona	3	11	14	3	16	19
Wright	5	30	35	7	35	42
Yellow Medicine	0	4	4	1	4	5

Table 4a. Teen Birth and Pregnancy Counts by State/County/CHB, Minnesota Residents, 2017.

	Birth Counts ¹			Pregnancy Counts ²		
	15-17 yrs	18-19 yrs	15-19 yrs	15-17 yrs	18-19 yrs	15-19 yrs
State of Minnesota	475	1637	2112	700	2176	2876
CHB - Aitkin, Itasca, Koochiching	8	30	38	10	37	47
CHB - Clearwater, Hubbard, Lake of the Woods	10	18	28	11	18	29
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	5	16	21	6	18	24
CHB - Brown, Nicollet	5	18	23	5	24	29
CHB - Carlton, Cook, Lake, St. Louis	26	99	125	35	127	162
CHB - Cottonwood, Jackson	1	8	9	2	9	11
CHB - Clay, Wilkin, Becker, Otter Tail	13	65	78	13	69	82
CHB - Douglas, Grant, Pope, Stevens, Traverse	4	10	14	4	14	18
CHB - Dodge, Steele	2	16	18	3	20	23
CHB - Fillmore, Houston	2	4	6	4	6	10
CHB - Faribault, Martin	3	9	12	4	12	16
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	2	24	26	3	24	27
CHB - Kandiyohi, Renville	9	26	35	10	28	38
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	6	24	30	7	27	34
CHB - LeSueur, Waseca	2	19	21	2	20	22
CHB - Meeker, McLeod, Sibley	2	20	22	3	26	29
CHB - Mahnomen, Norman, Polk	11	31	42	11	31	42
CHB - Morrison, Todd, Wadena	8	35	43	8	38	46

Table 4a. Teen Birth and Pregnancy Counts by State/County/CHB, Minnesota Residents, 2017.

	Birth Counts ¹			Pregnancy Counts ²		
	15-17 yrs	18-19 yrs	15-19 yrs	15-17 yrs	18-19 yrs	15-19 yrs
State of Minnesota	475	1637	2112	700	2176	2876
Metro CHBs						
CHB - Bloomington	5	19	24	11	28	39
CHB - Edina	1	3	4	1	5	6
CHB - Minneapolis	62	152	214	109	242	351
CHB - Richfield	3	11	14	5	16	21
CHB - St. Paul	55	171	226	90	243	333

¹The number of births per 1,000 total population of women in each age group.

²The number of pregnancies per 1,000 population of women in each age group.

Table 4b. Teen Birth and Pregnancy Rates by State/County/CHB, Minnesota Residents, 2017.

	Birth Rates ¹			Pregnancy Rates ²		
	15-17 yrs	18-19 yrs	15-19 yrs	15-17 yrs	18-19 yrs	15-19 yrs
State of Minnesota	4.5	23.5	12.1	6.6	31.2	16.4
Aitkin	--	--	--	--	--	--
Anoka	--	22.6	9.3	4.9	33.6	14.4
Becker	--	--	--	--	--	--
Beltrami	--	39.6	30.4	--	42.9	32.7
Benton	--	--	--	--	52.9	19.6
Big Stone	--	--	--	--	--	--
Blue Earth	--	10.4	8.2	--	11.9	10.2
Brown	--	--	--	--	--	--
Carlton	--	--	21.5	--	--	24.5
Carver	--	--	--	--	--	5.4
Cass	--	--	34.2	--	--	36.9
Chippewa	--	--	--	--	--	--
Chisago	--	--	--	--	--	--
Clay	--	15.0	11.1	--	16.2	11.9
Clearwater	--	--	--	--	--	--
Cook	--	--	--	--	--	--
Cottonwood	--	--	--	--	--	--
Crow Wing	--	51.2	19.1	--	62.2	23.2
Dakota	2.8	15.4	6.9	4.6	24.9	11.3
Dodge	--	--	--	--	--	--
Douglas	--	--	--	--	--	--
Faribault	--	--	--	--	--	--
Fillmore	--	--	--	--	--	--
Freeborn	--	--	--	--	--	--
Goodhue	--	--	--	--	--	16.7
Grant	--	--	--	--	--	--
Hennepin	5.1	23.1	12.3	9.1	35.3	19.5
Houston	--	--	--	--	--	--
Hubbard	--	--	--	--	--	--
Isanti	--	--	--	--	--	17.9
Itasca	--	--	18.9	--	51.5	22.2
Jackson	--	--	--	--	--	--
Kanabec	--	--	--	--	--	--
Kandiyohi	--	--	18.9	--	--	21.4
Kittson	--	--	--	--	--	--
Koochiching	--	--	--	--	--	--
Lac Qui Parle	--	--	--	--	--	--
Lake	--	--	--	--	--	--
Lake of the Woods	--	--	--	--	--	--
Le Sueur	--	--	--	--	--	--
Lincoln	--	--	--	--	--	--
Lyon	--	--	--	--	--	--
McLeod	--	--	--	--	--	--
Mahnomen	--	--	--	--	--	--

Table 4b. Teen Birth and Pregnancy Rates by State/County/CHB, Minnesota Residents, 2017.

	Birth Rates ¹			Pregnancy Rates ²		
	15-17 yrs	18-19 yrs	15-19 yrs	15-17 yrs	18-19 yrs	15-19 yrs
State of Minnesota	4.5	23.5	12.1	6.6	31.2	16.4
Marshall	--	--	--	--	--	--
Martin	--	--	--	--	--	--
Meeker	--	--	--	--	--	--
Mille Lacs	--	--	34.6	--	90.2	40.2
Morrison	--	--	--	--	--	--
Mower	--	--	18.4	--	--	20.1
Murray	--	--	--	--	--	--
Nicollet	--	--	--	--	--	--
Nobles	--	95.6	50.8	--	95.6	50.8
Norman	--	--	--	--	--	--
Olmsted	--	22.8	9.8	--	28.9	12.9
Otter Tail	--	48.2	19.1	--	50.0	19.8
Pennington	--	--	--	--	--	--
Pine	--	--	--	--	--	--
Pipestone	--	--	--	--	--	--
Polk	--	--	21.4	--	--	21.4
Pope	--	--	--	--	--	--
Ramsey	6.9	27.8	16.2	10.9	37.6	22.7
Red Lake	--	--	--	--	--	--
Redwood	--	--	--	--	--	--
Renville	--	--	--	--	--	--
Rice	--	--	--	--	--	7.7
Rock	--	--	--	--	--	--
Roseau	--	--	--	--	--	--
St. Louis	6.7	21.5	14.6	9.2	28.1	19.3
Scott	--	16.8	7.3	--	23.4	10.0
Sherburne	--	21.4	9.0	--	28.2	11.7
Sibley	--	--	--	--	--	--
Stearns	--	12.3	7.8	--	18.7	12.3
Steele	--	--	--	--	--	--
Stevens	--	--	--	--	--	--
Swift	--	--	--	--	--	--
Todd	--	--	28.6	--	--	30.0
Traverse	--	--	--	--	--	--
Wabasha	--	--	--	--	--	--
Wadena	--	--	--	--	--	--
Waseca	--	--	--	--	--	--
Washington	--	13.4	5.5	--	22.6	9.5
Watonwan	--	--	--	--	--	--
Wilkin	--	--	--	--	--	--
Winona	--	--	--	--	--	--
Wright	--	20.6	7.8	--	24.1	9.3
Yellow Medicine	--	--	--	--	--	--

Table 4b. Teen Birth and Pregnancy Rates by State/County/CHB, Minnesota Residents, 2017.

	Birth Rates ¹			Pregnancy Rates ²		
	15-17 yrs	18-19 yrs	15-19 yrs	15-17 yrs	18-19 yrs	15-19 yrs
State of Minnesota	4.5	23.5	12.1	6.6	31.2	16.4
CHB - Aitkin, Itasca, Koochiching	--	45.2	19.4	--	55.7	24.1
CHB - Clearwater, Hubbard, Lake of the Woods	--	--	31.9	--	--	33.0
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	--	--	17.9	--	--	20.5
CHB - Brown, Nicollet	--	--	10.3	--	21.0	13.0
CHB - Carlton, Cook, Lake, St. Louis	6.5	24.2	15.4	8.7	31.1	20.0
CHB - Cottonwood, Jackson	--	--	--	--	--	--
CHB - Clay, Wilkin, Becker, Otter Tail	--	24.9	14.0	--	26.4	14.7
CHB - Douglas, Grant, Pope, Stevens, Traverse	--	--	--	--	--	--
CHB - Dodge, Steele	--	--	--	--	31.7	12.3
CHB - Fillmore, Houston	--	--	--	--	--	--
CHB - Faribault, Martin	--	--	--	--	--	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	--	51.0	18.1	--	51.0	18.8
CHB - Kandiyohi, Renville	--	45.8	21.3	--	49.3	23.1
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	--	26.0	12.5	--	29.2	14.2
CHB - LeSueur, Waseca	--	--	14.1	--	39.1	14.7
CHB - Meeker, McLeod, Sibley	--	25.9	9.7	--	33.7	12.8
CHB - Mahnomen, Norman, Polk	--	55.6	28.8	--	55.6	28.8
CHB - Morrison, Todd, Wadena	--	50.4	21.2	--	54.7	22.7

Table 4b. Teen Birth and Pregnancy Rates by State/County/CHB, Minnesota Residents, 2017.

	Birth Rates ¹			Pregnancy Rates ²		
	15-17 yrs	18-19 yrs	15-19 yrs	15-17 yrs	18-19 yrs	15-19 yrs
State of Minnesota	4.5	23.5	12.1	6.6	31.2	16.4
Metro CHBs						
CHB - Bloomington	--	--	11.5	--	35.0	18.7
CHB - Edina	--	--	--	--	--	--
CHB - Minneapolis	11.5	20.3	16.6	20.1	32.4	27.2
CHB - Richfield	--	--	--	--	--	25.9
CHB - St. Paul	10.2	38.2	22.9	16.7	54.3	33.8

¹ The number of births per 1,000 total population of women in each age group.

² The number of pregnancies per 1,000 population of women in each age group.

-- Percentages/rates not calculated for < 20 events. Counts are on Table 4a.

Table 5. Race/Ethnicity of Birth Mother by State/County/CHB, Minnesota Residents, 2017.

	Non-Hispanic					Hispanic
	White	African American	American Indian	Asian/Pacific Isl.	Other/Unknown	
State of Minnesota	47,887	8,663	1,197	5,492	466	4,894
Aitkin	108	1	8	0	0	4
Anoka	3,041	533	32	318	30	259
Becker	325	3	54	3	2	12
Beltrami	367	13	264	4	1	11
Benton	458	41	7	7	0	15
Big Stone	60	0	0	1	0	3
Blue Earth	571	65	5	22	3	26
Brown	251	1	0	3	0	19
Carlton	315	2	44	0	3	4
Carver	990	41	0	67	13	59
Cass	179	2	95	0	2	4
Chippewa	115	4	4	11	0	29
Chisago	565	6	1	8	3	11
Clay	746	91	22	12	36	0
Clearwater	93	1	13	1	0	2
Cook	37	0	7	0	0	1
Cottonwood	112	7	1	7	2	19
Crow Wing	624	7	15	3	3	10
Dakota	3,593	630	22	370	32	497
Dodge	206	1	2	4	1	16
Douglas	413	5	2	4	0	10
Faribault	113	2	2	0	0	23
Fillmore	261	1	0	0	1	3
Freeborn	240	6	2	21	0	53
Goodhue	444	12	9	6	0	23
Grant	56	1	1	0	0	2
Hennepin	9,097	3,714	148	1,781	159	1,423
Houston	222	3	0	2	2	0
Hubbard	182	2	14	5	1	12
Isanti	399	9	0	7	3	12
Itasca	413	5	39	1	3	5
Jackson	93	2	2	3	1	4
Kanabec	170	2	1	6	1	1
Kandiyohi	344	125	0	12	2	118
Kittson	62	1	0	0	0	1
Koochiching	98	0	3	1	1	1
Lac Qui Parle	56	0	0	1	0	1
Lake	98	0	0	0	0	1
Lake of the Woods	30	0	1	3	0	0
Le Sueur	297	5	2	5	0	44
Lincoln	68	0	1	2	1	2
Lyon	257	31	1	27	3	39
McLeod	319	1	1	5	0	31
Mahnomen	28	1	62	0	1	7

Table 5. Race/Ethnicity of Birth Mother by State/County/CHB, Minnesota Residents, 2017.

	Non-Hispanic					Hispanic
	White	African American	American Indian	Asian/Pacific Isl.	Other/Unknown	
State of Minnesota	47,887	8,663	1,197	5,492	466	4,894
Marshall	122	3	1	0	3	2
Martin	202	1	2	4	1	21
Meeker	234	1	1	1	0	15
Mille Lacs	273	6	39	3	0	7
Morrison	335	6	0	1	2	13
Mower	319	47	1	55	0	103
Murray	80	0	0	1	0	6
Nicollet	309	32	1	4	1	31
Nobles	167	26	2	19	4	166
Norman	75	3	2	0	3	0
Olmsted	1,554	236	5	194	4	121
Otter Tail	592	20	8	6	7	30
Pennington	150	1	3	7	0	9
Pine	245	4	13	6	0	8
Pipestone	104	2	8	2	0	14
Polk	344	45	14	7	7	17
Pope	117	0	1	1	0	9
Ramsey	3,442	1,654	44	1,858	61	630
Red Lake	36	1	2	0	0	2
Redwood	157	3	6	13	0	5
Renville	146	3	2	2	1	29
Rice	530	124	3	14	3	78
Rock	96	1	1	1	0	9
Roseau	153	3	7	7	0	7
St. Louis	1,752	80	85	28	7	39
Scott	1,427	142	15	133	8	110
Sherburne	1,080	82	3	18	5	28
Sibley	121	2	0	1	1	31
Stearns	1,463	430	5	35	3	122
Steele	330	36	3	2	2	48
Stevens	103	2	0	1	0	23
Swift	90	9	2	10	0	8
Todd	280	1	2	3	2	38
Traverse	28	0	12	0	0	0
Wabasha	221	5	1	4	0	12
Wadena	188	4	0	0	1	1
Waseca	173	9	1	1	0	14
Washington	2,118	208	10	269	12	108
Watonwan	76	0	0	1	5	77
Wilkin	78	2	2	0	0	1
Winona	400	15	0	15	2	18
Wright	1,564	37	3	32	10	59
Yellow Medicine	97	0	0	0	1	8

Table 5. Race/Ethnicity of Birth Mother by State/County/CHB, Minnesota Residents, 2017.

	Non-Hispanic					Hispanic
	White	African American	American Indian	Asian/Pacific Isl.	Other/Unknown	
State of Minnesota	47,887	8,663	1,197	5,492	466	4,894
CHB - Aitkin, Itasca, Koochiching	619	6	50	2	4	10
CHB - Clearwater, Hubbard, Lake of the Woods	305	3	28	9	1	14
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	418	13	6	23	1	49
CHB - Brown, Nicollet	560	33	1	7	1	50
CHB - Carlton, Cook, Lake, St. Louis	2,202	82	136	28	10	45
CHB - Cottonwood, Jackson	205	9	3	10	3	23
CHB - Clay, Wilkin, Becker, Otter Tail	1,741	116	86	21	45	43
CHB - Douglas, Grant, Pope, Stevens, Traverse	717	8	16	6	0	44
CHB - Dodge, Steele	536	37	5	6	3	64
CHB - Fillmore, Houston	483	4	0	2	3	3
CHB - Faribault, Martin	315	3	4	4	1	44
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	523	9	13	14	3	21
CHB - Kandiyohi, Renville	490	128	2	14	3	147
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	762	37	17	46	4	75
CHB - LeSueur, Waseca	470	14	3	6	0	58
CHB - Meeker, McLeod, Sibley	674	4	2	7	1	77
CHB - Mahnomen, Norman, Polk	447	49	78	7	11	24
CHB - Morrison, Todd, Wadena	803	11	2	4	5	52

Table 5. Race/Ethnicity of Birth Mother by State/County/CHB, Minnesota Residents, 2017.

	Non-Hispanic					Hispanic
	White	African American	American Indian	Asian/Pacific Isl.	Other/Unknown	
State of Minnesota	47,887	8,663	1,197	5,492	466	4,894
Metro CHBs						
CHB - Bloomington	571	214	1	94	12	129
CHB - Edina	335	34	0	87	6	13
CHB - Minneapolis	2,747	1,828	115	430	62	689
CHB - Richfield	281	81	4	44	9	111
CHB - St. Paul	1,760	1,246	32	1,393	38	435

Note: Beginning with reporting year 2017 race/ethnicity data reporting changed from reporting race and Hispanic ethnicity separately to reporting each non-Hispanic race group individually. All birth and death events to those identified as Hispanic are included in the Hispanic group regardless of any other reported races. These race groups are not comparable to previous years data. See Introduction of this report for more detailed information.

Table 6. Educational Attainment of Mother¹ by State/County/CHB, Minnesota Residents, 2017.

	< High School	High School or GED	Some college no degree	Associate Degree	Bachelor's Degree	Graduate Degree
State of Minnesota	4,523	7,157	9,133	7,977	17,801	9,488
Aitkin	8	20	20	14	18	5
Anoka	181	405	711	603	1,172	478
Becker	22	54	61	62	69	17
Beltrami	13	179	13	89	96	43
Benton	17	65	74	85	136	34
Big Stone	9	8	6	10	12	4
Blue Earth	33	65	93	79	187	95
Brown	8	24	46	44	70	27
Carlton	8	23	71	54	96	34
Carver	26	86	112	103	479	248
Cass	8	67	36	37	29	14
Chippewa	15	19	21	24	28	10
Chisago	10	73	106	107	135	42
Clay	48	107	127	130	234	90
Clearwater	11	30	5	18	14	2
Cook	1	6	7	7	11	6
Cottonwood	14	30	19	22	19	8
Crow Wing	9	72	110	124	117	48
Dakota	247	586	675	553	1,596	792
Dodge	3	22	36	31	60	29
Douglas	5	23	63	113	97	43
Faribault	3	22	19	22	29	6
Fillmore	37	32	34	45	61	20
Freeborn	32	71	16	60	40	19
Goodhue	7	46	74	83	132	52
Grant	1	5	14	9	17	6
Hennepin	1,342	1,378	1,894	1,155	4,840	3,309
Houston	2	30	35	41	75	14
Hubbard	14	31	25	27	42	16
Isanti	9	51	98	61	76	33
Itasca	16	37	69	75	104	28
Jackson	4	15	24	12	27	9
Kanabec	13	20	40	25	23	12
Kandiyohi	113	67	59	100	84	26
Kittson	0	11	7	4	23	7
Koochiching	0	22	13	18	16	5
Lac Qui Parle	2	2	6	8	15	5
Lake	2	7	22	13	15	8
Lake of the Woods	1	9	6	5	7	1
Le Sueur	12	44	52	47	77	35
Lincoln	2	10	7	3	20	14
Lyon	36	31	44	36	100	27
McLeod	18	36	50	75	63	31
Mahnomen	10	28	11	5	3	2

Table 6. Educational Attainment of Mother¹ by State/County/CHB, Minnesota Residents, 2017.

	< High School	High School or GED	Some college no degree	Associate Degree	Bachelor's Degree	Graduate Degree
State of Minnesota	4,523	7,157	9,133	7,977	17,801	9,488
Marshall	2	14	20	21	38	7
Martin	7	33	32	30	47	15
Meeker	6	45	42	35	36	15
Mille Lacs	23	41	68	43	35	10
Morrison	11	43	61	67	72	20
Mower	78	68	85	54	78	31
Murray	6	9	11	12	27	5
Nicollet	25	17	55	63	115	45
Nobles	100	35	33	31	51	21
Norman	7	14	12	16	15	2
Olmsted	122	140	247	190	650	494
Otter Tail	40	64	118	116	134	43
Pennington	4	23	34	29	21	9
Pine	14	48	63	37	27	15
Pipestone	9	18	19	23	28	9
Polk	32	54	52	60	94	34
Pope	4	12	22	28	30	10
Ramsey	767	955	928	583	1,637	1,201
Red Lake	1	4	5	8	7	3
Redwood	9	13	28	23	57	18
Renville	9	21	22	30	39	6
Rice	122	94	92	87	153	66
Rock	5	10	16	16	31	7
Roseau	5	33	36	22	24	6
St. Louis	58	193	293	281	462	231
Scott	88	161	222	224	656	271
Sherburne	46	138	219	237	287	96
Sibley	18	20	26	25	28	12
Stearns	269	236	239	327	410	195
Steele	27	39	74	72	95	23
Stevens	7	10	11	22	48	8
Swift	8	16	11	18	17	5
Todd	53	36	44	41	36	11
Traverse	4	7	6	4	9	2
Wabasha	11	21	40	38	56	14
Wadena	6	39	38	31	20	5
Waseca	8	18	38	38	40	11
Washington	48	225	328	339	956	508
Watonwan	22	15	20	11	19	5
Wilkin	2	8	20	13	16	3
Winona	32	40	64	66	119	46
Wright	34	147	290	303	500	188
Yellow Medicine	2	11	18	25	17	8

Table 6. Educational Attainment of Mother¹ by State/County/CHB, Minnesota Residents, 2017.

	< High School	High School or GED	Some college no degree	Associate Degree	Bachelor's Degree	Graduate Degree
State of Minnesota	4,523	7,157	9,133	7,977	17,801	9,488
CHB - Aitkin, Itasca, Koochiching	24	79	102	107	138	38
CHB - Clearwater, Hubbard, Lake of the Woods	26	70	36	50	63	19
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	36	56	62	85	89	32
CHB - Brown, Nicollet	33	41	101	107	185	72
CHB - Carlton, Cook, Lake, St. Louis	69	229	393	355	584	279
CHB - Cottonwood, Jackson	18	45	43	34	46	17
CHB - Clay, Wilkin, Becker, Otter Tail	112	233	326	321	453	153
CHB - Douglas, Grant, Pope, Stevens, Traverse	21	57	116	176	201	69
CHB - Dodge, Steele	30	61	110	103	155	52
CHB - Fillmore, Houston	39	62	69	86	136	34
CHB - Faribault, Martin	10	55	51	52	76	21
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	12	85	102	84	113	32
CHB - Kandiyohi, Renville	122	88	81	130	123	32
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	67	91	125	113	263	80
CHB - LeSueur, Waseca	20	62	90	85	117	46
CHB - Meeker, McLeod, Sibley	42	101	118	135	127	58
CHB - Mahnomen, Norman, Polk	49	96	75	81	112	38
CHB - Morrison, Todd, Wadena	70	118	143	139	128	36

Metro CHBs

CHB - Bloomington	94	88	151	88	272	163
CHB - Edina	8	7	28	15	199	200
CHB - Minneapolis	843	546	617	305	1,327	1,176
CHB - Richfield	60	49	72	33	151	77
CHB - St. Paul	638	696	586	338	785	660

¹ Educational attainment presented for mothers ages 25 years and older.

Table 7a. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2017.

	# To Unmarried Mothers	# To Foreign-Born Mothers	# With No Father Documented	# of Births on Medicaid	# of Mothers Smoked
State of Minnesota	21,914	13,608	7,821	30,709	5,549
Aitkin	61	1	27	82	41
Anoka	1,283	847	349	1,733	312
Becker	177	10	104	231	81
Beltrami	379	16	231	448	133
Benton	185	43	58	254	82
Big Stone	21	4	8	31	9
Blue Earth	235	79	97	318	59
Brown	90	9	21	127	37
Carlton	146	5	60	179	53
Carver	185	155	57	263	34
Cass	162	2	86	216	79
Chippewa	69	32	25	106	25
Chisago	209	17	64	215	80
Clay	259	129	80	364	88
Clearwater	45	2	24	60	16
Cook	19	1	11	27	10
Cottonwood	49	24	10	94	23
Crow Wing	269	17	92	385	127
Dakota	1,384	1,158	666	1,901	240
Dodge	79	11	18	94	27
Douglas	110	11	35	163	48
Faribault	55	9	9	83	22
Fillmore	64	4	26	91	23
Freeborn	149	47	48	203	34
Goodhue	155	24	46	170	61
Grant	10	1	2	25	6
Hennepin	4,903	4,852	1,904	6,884	647
Houston	55	4	54	81	24
Hubbard	81	15	48	128	39
Isanti	169	13	45	219	75
Itasca	204	4	106	263	95
Jackson	28	5	10	54	11
Kanabec	85	6	25	108	41
Kandiyohi	225	190	44	412	52
Kittson	14	2	7	31	6
Koochiching	43	3	30	50	10
Lac Qui Parle	14	2	5	26	8
Lake	34	3	14	55	20
Lake of the Woods	17	3	5	19	6
Le Sueur	130	30	40	169	47
Lincoln	14	3	3	24	8
Lyon	107	77	58	203	27
McLeod	106	27	22	158	39
Mahnomen	77	1	48	81	45

Table 7a. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2017.

	# To Unmarried Mothers	# To Foreign-Born Mothers	# With No Father Documented	# of Births on Medicaid	# of Mothers Smoked
State of Minnesota	21,914	13,608	7,821	30,709	5,549
Marshall	32	4	12	49	17
Martin	97	17	25	118	44
Meeker	93	4	20	149	48
Mille Lacs	171	3	52	213	78
Morrison	120	15	26	166	80
Mower	218	153	58	307	59
Murray	27	5	7	47	15
Nicollet	108	52	41	148	23
Nobles	162	199	34	273	18
Norman	27	4	12	51	16
Olmsted	513	491	163	745	117
Otter Tail	182	56	54	365	48
Pennington	65	8	23	63	26
Pine	141	9	38	170	76
Pipestone	39	12	11	68	11
Polk	136	61	45	213	54
Pope	31	7	8	63	13
Ramsey	3,156	2,563	1,011	4,380	414
Red Lake	16	3	7	17	6
Redwood	52	10	15	91	21
Renville	78	5	31	104	22
Rice	249	195	64	381	71
Rock	37	11	2	50	9
Roseau	62	9	16	77	31
St. Louis	814	53	344	968	337
Scott	383	363	156	524	86
Sherburne	313	116	74	457	117
Sibley	46	22	9	87	19
Stearns	550	507	151	1,033	179
Steele	133	53	44	202	42
Stevens	17	22	4	41	7
Swift	49	14	14	76	18
Todd	110	40	32	162	30
Traverse	16	1	5	21	8
Wabasha	86	8	27	102	40
Wadena	73	2	28	118	45
Waseca	78	13	14	101	26
Washington	647	410	209	767	142
Watonwan	78	51	34	116	17
Wilkin	31	1	10	40	14
Winona	142	22	70	178	44
Wright	346	112	90	520	101
Yellow Medicine	33	3	9	56	10

Table 7a. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2017.

	# To Unmarried Mothers	# To Foreign-Born Mothers	# With No Father Documented	# of Births on Medicaid	# of Mothers Smoked
State of Minnesota	21,914	13,608	7,821	30,709	5,549
CHB - Aitkin, Itasca, Koochiching	308	8	163	395	146
CHB - Clearwater, Hubbard, Lake of the Woods	143	20	77	207	61
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow	186	55	61	295	70
CHB - Brown, Nicollet	198	61	62	275	60
CHB - Carlton, Cook, Lake, St. Louis	1,013	62	429	1,229	420
CHB - Cottonwood, Jackson	77	29	20	148	34
CHB - Clay, Wilkin, Becker, Otter Tail	649	196	248	1,000	231
CHB - Douglas, Grant, Pope, Stevens, Traverse	184	42	54	313	82
CHB - Dodge, Steele	212	64	62	296	69
CHB - Fillmore, Houston	119	8	80	172	47
CHB - Faribault, Martin	152	26	34	201	66
CHB - Kittson, Marshall, Pennington, Red Lake,	189	26	65	237	86
CHB - Kandiyohi, Renville	303	195	75	516	74
CHB - Lincoln, Lyon, Murray, Pipestone,	276	118	96	483	91
CHB - LeSueur, Waseca	208	43	54	270	73
CHB - Meeker, McLeod, Sibley	245	53	51	394	106
CHB - Mahnommen, Norman, Polk	240	66	105	345	115
CHB - Morrison, Todd, Wadena	303	57	86	446	155
Metro CHBs					
CHB - Bloomington	288	370	126	459	33
CHB - Edina	38	141	9	58	3
CHB - Minneapolis	2,266	1,857	1,002	3,207	349
CHB - Richfield	161	189	61	259	14
CHB - St. Paul	2,319	1,868	797	3,215	295

Table 7b. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2017.

	% To Unmarried Mothers	% To Foreign-Born Mothers	% With No Father Documented	% of Births on Medicaid	% of Mothers Smoked
State of Minnesota	31.9%	19.8%	11.4%	44.8%	8.1%
Aitkin	50.4%	--	22.3%	67.8%	33.9%
Anoka	30.5%	20.1%	8.3%	41.1%	7.4%
Becker	44.4%	--	26.1%	57.9%	20.3%
Beltrami	57.4%	--	35.0%	67.9%	20.2%
Benton	35.0%	8.1%	11.0%	48.1%	15.5%
Big Stone	32.8%	--	--	48.4%	--
Blue Earth	34.0%	11.4%	14.0%	46.0%	8.5%
Brown	32.8%	--	7.7%	46.4%	13.5%
Carlton	39.7%	--	16.3%	48.6%	14.4%
Carver	15.8%	13.2%	4.9%	22.5%	2.9%
Cass	57.4%	--	30.5%	76.6%	28.0%
Chippewa	42.3%	19.6%	15.3%	65.0%	15.3%
Chisago	35.2%	--	10.8%	36.2%	13.5%
Clay	28.6%	14.2%	8.8%	40.1%	9.7%
Clearwater	40.9%	--	21.8%	54.5%	--
Cook	--	--	--	60.0%	--
Cottonwood	33.1%	16.2%	--	63.5%	15.5%
Crow Wing	40.6%	--	13.9%	58.2%	19.2%
Dakota	26.9%	22.5%	12.9%	37.0%	4.7%
Dodge	34.3%	--	--	40.9%	11.7%
Douglas	25.3%	--	8.1%	37.6%	11.1%
Faribault	39.3%	--	--	59.3%	15.7%
Fillmore	24.1%	--	9.8%	34.2%	8.6%
Freeborn	46.3%	14.6%	14.9%	63.0%	10.6%
Goodhue	31.4%	4.9%	9.3%	34.4%	12.3%
Grant	--	--	--	41.7%	--
Hennepin	30.0%	29.7%	11.7%	42.2%	4.0%
Houston	24.0%	--	23.6%	35.4%	10.5%
Hubbard	37.5%	--	22.2%	59.3%	18.1%
Isanti	39.3%	--	10.5%	50.9%	17.4%
Itasca	43.8%	--	22.7%	56.4%	20.4%
Jackson	26.7%	--	--	51.4%	--
Kanabec	47.0%	--	13.8%	59.7%	22.7%
Kandiyohi	37.4%	31.6%	7.3%	68.6%	8.7%
Kittson	--	--	--	48.4%	--
Koochiching	41.3%	--	28.8%	48.1%	--
Lac Qui Parle	--	--	--	44.8%	--
Lake	34.3%	--	--	55.6%	20.2%
Lake of the Woods	--	--	--	--	--
Le Sueur	36.8%	8.5%	11.3%	47.9%	13.3%
Lincoln	--	--	--	32.4%	--
Lyon	29.9%	21.5%	16.2%	56.7%	7.5%
McLeod	29.7%	7.6%	6.2%	44.3%	10.9%
Mahnomen	77.8%	--	48.5%	81.8%	45.5%

Table 7b. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2017.

	% To Unmarried Mothers	% To Foreign-Born Mothers	% With No Father Documented	% of Births on Medicaid	% of Mothers Smoked
State of Minnesota	31.9%	19.8%	11.4%	44.8%	8.1%
Marshall	24.4%	--	--	37.4%	--
Martin	42.0%	--	10.8%	51.1%	19.0%
Meeker	36.9%	--	7.9%	59.1%	19.0%
Mille Lacs	52.1%	--	15.9%	64.9%	23.8%
Morrison	33.6%	--	7.3%	46.5%	22.4%
Mower	41.5%	29.1%	11.0%	58.5%	11.2%
Murray	31.0%	--	--	54.0%	--
Nicollet	28.6%	13.8%	10.8%	39.2%	6.1%
Nobles	42.2%	51.8%	8.9%	71.1%	--
Norman	32.5%	--	--	61.4%	--
Olmsted	24.3%	23.2%	7.7%	35.2%	5.5%
Otter Tail	27.5%	8.4%	8.1%	55.1%	7.2%
Pennington	38.2%	--	13.5%	37.1%	15.3%
Pine	51.1%	--	13.8%	61.6%	27.5%
Pipestone	30.0%	--	--	52.3%	--
Polk	31.3%	14.1%	10.4%	49.1%	12.4%
Pope	24.2%	--	--	49.2%	--
Ramsey	41.0%	33.3%	13.1%	57.0%	5.4%
Red Lake	--	--	--	--	--
Redwood	28.3%	--	--	49.5%	11.4%
Renville	42.6%	--	16.9%	56.8%	12.0%
Rice	33.1%	25.9%	8.5%	50.7%	9.4%
Rock	34.3%	--	--	46.3%	--
Roseau	35.0%	--	--	43.5%	17.5%
St. Louis	40.9%	2.7%	17.3%	48.6%	16.9%
Scott	20.9%	19.8%	8.5%	28.6%	4.7%
Sherburne	25.7%	9.5%	6.1%	37.6%	9.6%
Sibley	29.5%	14.1%	--	55.8%	--
Stearns	26.7%	24.6%	7.3%	50.2%	8.7%
Steele	31.6%	12.6%	10.5%	48.0%	10.0%
Stevens	--	17.1%	--	31.8%	--
Swift	41.2%	--	--	63.9%	--
Todd	33.7%	12.3%	9.8%	49.7%	9.2%
Traverse	--	--	--	52.5%	--
Wabasha	35.4%	--	11.1%	42.0%	16.5%
Wadena	37.6%	--	14.4%	60.8%	23.2%
Waseca	39.4%	--	--	51.0%	13.1%
Washington	23.7%	15.0%	7.7%	28.1%	5.2%
Watonwan	49.1%	32.1%	21.4%	73.0%	--
Wilkin	37.3%	--	--	48.2%	--
Winona	31.6%	4.9%	15.6%	39.6%	9.8%
Wright	20.3%	6.6%	5.3%	30.5%	5.9%
Yellow Medicine	31.1%	--	--	52.8%	--

Table 7b. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2017.

	% To Unmarried Mothers	% To Foreign-Born Mothers	% With No Father Documented	% of Births on Medicaid	% of Mothers Smoked
State of Minnesota	31.9%	19.8%	11.4%	44.8%	8.1%
CHB - Aitkin, Itasca, Koochiching	44.6%	--	23.6%	57.2%	21.1%
CHB - Clearwater, Hubbard, Lake of the Woods	39.7%	5.6%	21.4%	57.5%	16.9%
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow	36.5%	10.8%	12.0%	57.8%	13.7%
CHB - Brown, Nicollet	30.4%	9.4%	9.5%	42.2%	9.2%
CHB - Carlton, Cook, Lake, St. Louis	40.5%	2.5%	17.1%	49.1%	16.8%
CHB - Cottonwood, Jackson	30.4%	11.5%	7.9%	58.5%	13.4%
CHB - Clay, Wilkin, Becker, Otter Tail	31.6%	9.6%	12.1%	48.7%	11.3%
CHB - Douglas, Grant, Pope, Stevens, Traverse	23.3%	5.3%	6.8%	39.6%	10.4%
CHB - Dodge, Steele	32.6%	9.8%	9.5%	45.5%	10.6%
CHB - Fillmore, Houston	24.0%	--	16.2%	34.7%	9.5%
CHB - Faribault, Martin	41.0%	7.0%	9.2%	54.2%	17.8%
CHB - Kittson, Marshall, Pennington, Red Lake,	32.4%	4.5%	11.1%	40.7%	14.8%
CHB - Kandiyohi, Renville	38.6%	24.9%	9.6%	65.8%	9.4%
CHB - Lincoln, Lyon, Murray, Pipestone,	29.3%	12.5%	10.2%	51.3%	9.7%
CHB - LeSueur, Waseca	37.7%	7.8%	9.8%	49.0%	13.2%
CHB - Meeker, McLeod, Sibley	32.0%	6.9%	6.7%	51.5%	13.9%
CHB - Mahnommen, Norman, Polk	39.0%	10.7%	17.0%	56.0%	18.7%
CHB - Morrison, Todd, Wadena	34.5%	6.5%	9.8%	50.9%	17.7%
Metro CHBs					
CHB - Bloomington	28.2%	36.2%	12.3%	45.0%	3.2%
CHB - Edina	8.0%	29.7%	--	12.2%	--
CHB - Minneapolis	38.6%	31.6%	17.1%	54.6%	5.9%
CHB - Richfield	30.4%	35.7%	11.5%	48.9%	--
CHB - St. Paul	47.3%	38.1%	16.3%	65.6%	6.0%

-- Percentages/rates not calculated for < 20 events. Counts are on Table 7a.

Table 8a. Prenatal Care (PNC) Utilization Counts by State/ County/CHB, Minnesota Residents, 2017.

	# First Trimester	Adequacy of PNC ¹				Gave birth Out of State ²
	PNC	Intensive	Adequate	Intermediate	Inadequate	
State of Minnesota	53,310	432	6,611	6,542	29,332	2,640
Aitkin	98	33	62	9	16	0
Anoka	3,557	1,167	2,171	443	369	10
Becker	211	105	116	18	62	64
Beltrami	502	105	342	65	134	8
Benton	412	183	263	27	54	0
Big Stone	38	15	21	3	3	22
Blue Earth	601	353	247	26	55	0
Brown	240	61	171	19	18	0
Carlton	319	84	202	46	26	4
Carver	957	399	549	117	90	2
Cass	206	54	130	27	55	2
Chippewa	140	35	90	23	15	0
Chisago	469	177	296	28	35	56
Clay	26	11	14	3	5	872
Clearwater	85	16	58	15	19	1
Cook	38	7	17	12	8	0
Cottonwood	114	41	67	14	15	9
Crow Wing	605	201	368	54	34	2
Dakota	4,236	2,185	2,081	341	461	16
Dodge	193	44	102	68	15	0
Douglas	392	214	182	11	18	5
Faribault	113	58	56	9	9	2
Fillmore	141	33	79	57	38	56
Freeborn	286	195	76	17	23	7
Goodhue	405	119	216	94	49	6
Grant	54	23	30	2	3	1
Hennepin	12,748	6,127	6,432	1,425	2,040	49
Houston	10	5	3	2	0	218
Hubbard	176	70	101	14	26	5
Isanti	375	110	241	48	27	1
Itasca	384	113	252	53	42	1

Table 8a. Prenatal Care (PNC) Utilization Counts by State/ County/CHB, Minnesota Residents, 2017.

	# First Trimester	Adequacy of PNC ¹				Gave birth Out of State ²
	PNC	Intensive	Adequate	Intermediate	Inadequate	
State of Minnesota	53,310	432	6,611	6,542	29,332	2,640
Jackson	74	24	45	7	2	25
Kanabec	150	54	82	18	26	0
Kandiyohi	473	149	286	89	74	1
Kittson	22	8	13	2	4	36
Koochiching	90	25	51	16	8	2
Lac Qui Parle	42	4	29	10	2	11
Lake	83	31	46	6	14	0
Lake of the Woods	26	7	21	1	3	2
Le Sueur	301	166	131	26	23	2
Lincoln	37	10	25	6	3	30
Lyon	267	72	187	22	19	45
McLeod	297	120	167	37	23	1
Mahnomen	38	11	22	8	34	16
Marshall	48	24	20	5	6	75
Martin	186	73	109	10	22	5
Meeker	217	100	110	21	15	0
Mille Lacs	263	103	142	18	58	1
Morrison	295	115	187	26	23	1
Mower	330	143	207	76	88	4
Murray	63	26	34	7	3	12
Nicollet	332	184	155	9	22	0
Nobles	202	96	119	8	29	82
Norman	5	1	4	1	2	74
Olmsted	1,604	280	803	791	201	5
Otter Tail	524	167	356	26	46	52
Pennington	130	68	56	10	12	24
Pine	226	54	143	30	37	3
Pipestone	77	56	22	2	6	43
Polk	137	31	86	31	18	266
Pope	114	41	70	10	6	0

Table 8a. Prenatal Care (PNC) Utilization Counts by State/ County/CHB, Minnesota Residents, 2017.

	# First Trimester	Adequacy of PNC ¹				Gave birth Out of State ²
	PNC	Intensive	Adequate	Intermediate	Inadequate	
State of Minnesota	53,310	432	6,611	6,542	29,332	2,640
Ramsey	5,698	2,278	3,184	883	1,228	37
Red Lake	27	10	15	5	4	7
Redwood	150	52	101	11	13	4
Renville	152	40	89	28	22	0
Rice	594	215	362	60	84	2
Rock	33	11	25	4	2	66
Roseau	145	49	99	8	12	8
St. Louis	1,719	672	1,025	105	164	2
Scott	1,459	786	736	119	156	11
Sherburne	1,054	375	643	113	74	3
Sibley	130	47	72	22	11	0
Stearns	1,637	707	1,015	140	184	5
Steele	383	186	173	33	21	1
Stevens	115	34	79	9	7	0
Swift	99	23	65	14	15	2
Todd	247	89	146	28	52	2
Traverse	18	7	8	3	1	21
Wabasha	194	37	105	71	26	0
Wadena	163	68	89	17	16	3
Waseca	178	98	75	13	8	1
Washington	2,350	937	1,370	184	190	30
Watonwan	124	51	66	17	23	1
Wilkin	30	11	18	5	4	45
Winona	264	102	126	49	38	131
Wright	1,488	600	826	177	89	3
Yellow Medicine	75	17	57	5	6	18

Table 8a. Prenatal Care (PNC) Utilization Counts by State/ County/CHB, Minnesota Residents, 2017.

	# First Trimester PNC	Adequacy of PNC ¹				Gave birth Out of State ²
		Intensive	Adequate	Intermediate	Inadequate	
State of Minnesota	53,310	432	6,611	6,542	29,332	2,640
CHB - Aitkin, Itasca, Koochiching	572	171	365	78	66	3
CHB - Clearwater, Hubbard, Lake of the Woods	287	93	180	30	48	8
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	394	94	262	55	41	53
CHB - Brown, Nicollet	572	245	326	28	40	0
CHB - Carlton, Cook, Lake, St. Louis	2,159	794	1,290	169	212	6
CHB - Cottonwood, Jackson	188	65	112	21	17	34
CHB - Clay, Wilkin, Becker, Otter Tail	791	294	504	52	117	1,033
CHB - Douglas, Grant, Pope, Stevens, Traverse	693	319	369	35	35	27
CHB - Dodge, Steele	576	230	275	101	36	1
CHB - Fillmore, Houston	151	38	82	59	38	274
CHB - Faribault, Martin	299	131	165	19	31	7
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	372	159	203	30	38	150
CHB - Kandiyohi, Renville	625	189	375	117	96	1
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	627	227	394	52	46	200
CHB - LeSueur, Waseca	479	264	206	39	31	3
CHB - Meeker, McLeod, Sibley	644	267	349	80	49	1
CHB - Mahnommen, Norman, Polk	180	43	112	40	54	356
CHB - Morrison, Todd, Wadena	705	272	422	71	91	6

Table 8a. Prenatal Care (PNC) Utilization Counts by State/ County/CHB, Minnesota Residents, 2017.

	# First Trimester PNC	Adequacy of PNC ¹			Gave birth Out of State ²	
		Intensive	Adequate	Intermediate		Inadequate
State of Minnesota	53,310	432	6,611	6,542	29,332	2,640
Metro CHBs						
CHB - Bloomington	771	468	349	68	113	4
CHB - Edina	374	250	149	29	36	1
CHB - Minneapolis	4,403	2,003	2,121	606	1,008	22
CHB - Richfield	404	230	202	21	64	0
CHB - St. Paul	3,439	1,366	1,895	615	952	19

¹ Adequacy is determined using the Adequacy of Prenatal Care Utilization (APNCU) Index, and is not comparable to GINDEX Index used in previous years. See glossary for definitions of Intensive, Adequate, Intermediate, and Inadequate Prenatal Care. There are 954 women missing data and not included in this variable.

² Out of state births are MN residents that gave birth outside the state of MN. Prenatal care data are not available from some states.

Table 8b. Prenatal Care (PNC) Utilization Percentages by State/ County/CHB, Minnesota Residents, 2017.

	% First	Adequacy of PNC ¹			Gave birth	
	Trimester PNC	Intensive	Adequate	Intermediate	Out of State ²	
State of Minnesota	77.7%	0.6%	9.6%	9.5%	42.8%	3.8%
Aitkin	81.0%	27.3%	51.2%	--	--	--
Anoka	84.4%	27.7%	51.5%	10.5%	8.8%	--
Becker	52.9%	26.3%	29.1%	--	15.5%	16.0%
Beltrami	76.1%	15.9%	51.8%	9.8%	20.3%	--
Benton	78.0%	34.7%	49.8%	5.1%	10.2%	--
Big Stone	59.4%	--	32.8%	--	--	34.4%
Blue Earth	86.8%	51.0%	35.7%	3.8%	7.9%	--
Brown	87.6%	22.3%	62.4%	--	--	--
Carlton	86.7%	22.8%	54.9%	12.5%	7.1%	--
Carver	81.8%	34.1%	46.9%	10.0%	7.7%	--
Cass	73.0%	19.1%	46.1%	9.6%	19.5%	--
Chippewa	85.9%	21.5%	55.2%	14.1%	--	--
Chisago	79.0%	29.8%	49.8%	4.7%	5.9%	9.4%
Clay	2.9%	--	--	--	--	96.1%
Clearwater	77.3%	--	52.7%	--	--	--
Cook	84.4%	--	--	--	--	--
Cottonwood	77.0%	27.7%	45.3%	--	--	--
Crow Wing	91.4%	30.4%	55.6%	8.2%	5.1%	--
Dakota	82.3%	42.5%	40.5%	6.6%	9.0%	--
Dodge	83.9%	19.1%	44.3%	29.6%	--	--
Douglas	90.3%	49.3%	41.9%	--	--	--
Faribault	80.7%	41.4%	40.0%	--	--	--
Fillmore	53.0%	12.4%	29.7%	21.4%	14.3%	21.1%
Freeborn	88.8%	60.6%	23.6%	--	7.1%	--
Goodhue	82.0%	24.1%	43.7%	19.0%	9.9%	--
Grant	90.0%	38.3%	50.0%	--	--	--
Hennepin	78.1%	37.5%	39.4%	8.7%	12.5%	0.3%
Houston	--	--	--	--	--	95.2%
Hubbard	81.5%	32.4%	46.8%	--	12.0%	--
Isanti	87.2%	25.6%	56.0%	11.2%	6.3%	--

Table 8b. Prenatal Care (PNC) Utilization Percentages by State/ County/CHB, Minnesota Residents, 2017.

	% First Trimester PNC	Adequacy of PNC ¹			Gave birth Out of State ²	
		Intensive	Adequate	Intermediate		Inadequate
State of Minnesota	77.7%	0.6%	9.6%	9.5%	42.8%	3.8%
Itasca	82.4%	24.2%	54.1%	11.4%	9.0%	--
Jackson	70.5%	22.9%	42.9%	--	--	23.8%
Kanabec	82.9%	29.8%	45.3%	--	14.4%	--
Kandiyohi	78.7%	24.8%	47.6%	14.8%	12.3%	--
Kittson	34.4%	--	--	--	--	56.3%
Koochiching	86.5%	24.0%	49.0%	--	--	--
Lac Qui Parle	72.4%	--	50.0%	--	--	--
Lake	83.8%	31.3%	46.5%	--	--	--
Lake of the Woods	76.5%	--	61.8%	--	--	--
Le Sueur	85.3%	47.0%	37.1%	7.4%	6.5%	--
Lincoln	50.0%	--	33.8%	--	--	40.5%
Lyon	74.6%	20.1%	52.2%	6.1%	--	12.6%
McLeod	83.2%	33.6%	46.8%	10.4%	6.4%	--
Mahnomen	38.4%	--	22.2%	--	34.3%	--
Marshall	36.6%	18.3%	15.3%	--	--	57.3%
Martin	80.5%	31.6%	47.2%	--	9.5%	--
Meeker	86.1%	39.7%	43.7%	8.3%	--	--
Mille Lacs	80.2%	31.4%	43.3%	--	17.7%	--
Morrison	82.6%	32.2%	52.4%	7.3%	6.4%	--
Mower	62.9%	27.2%	39.4%	14.5%	16.8%	--
Murray	72.4%	29.9%	39.1%	--	--	--
Nicollet	87.8%	48.7%	41.0%	--	5.8%	--
Nobles	52.6%	25.0%	31.0%	--	7.6%	21.4%
Norman	--	--	--	--	--	89.2%
Olmsted	75.9%	13.2%	38.0%	37.4%	9.5%	--
Otter Tail	79.0%	25.2%	53.7%	3.9%	6.9%	7.8%
Pennington	76.5%	40.0%	32.9%	--	--	14.1%
Pine	81.9%	19.6%	51.8%	10.9%	13.4%	--
Pipestone	59.2%	43.1%	16.9%	--	--	33.1%
Polk	31.6%	7.1%	19.8%	7.1%	--	61.3%
Pope	89.1%	32.0%	54.7%	--	--	--

Table 8b. Prenatal Care (PNC) Utilization Percentages by State/ County/CHB, Minnesota Residents, 2017.

	% First	Adequacy of PNC ¹			Gave birth	
	Trimester PNC	Intensive	Adequate	Intermediate	Out of State ²	
State of Minnesota	77.7%	0.6%	9.6%	9.5%	42.8%	3.8%
Ramsey	74.1%	29.6%	41.4%	11.5%	16.0%	0.5%
Red Lake	65.9%	--	--	--	--	--
Redwood	81.5%	28.3%	54.9%	--	--	--
Renville	83.1%	21.9%	48.6%	15.3%	12.0%	--
Rice	79.0%	28.6%	48.1%	8.0%	11.2%	--
Rock	30.6%	--	23.1%	--	--	61.1%
Roseau	81.9%	27.7%	55.9%	--	--	--
St. Louis	86.3%	33.8%	51.5%	5.3%	8.2%	--
Scott	79.5%	42.8%	40.1%	6.5%	8.5%	--
Sherburne	86.7%	30.8%	52.9%	9.3%	6.1%	--
Sibley	83.3%	30.1%	46.2%	14.1%	--	--
Stearns	79.5%	34.4%	49.3%	6.8%	8.9%	--
Steele	91.0%	44.2%	41.1%	7.8%	5.0%	--
Stevens	89.1%	26.4%	61.2%	--	--	--
Swift	83.2%	19.3%	54.6%	--	--	--
Todd	75.8%	27.3%	44.8%	8.6%	16.0%	--
Traverse	--	--	--	--	--	52.5%
Wabasha	79.8%	15.2%	43.2%	29.2%	10.7%	--
Wadena	84.0%	35.1%	45.9%	--	--	--
Waseca	89.9%	49.5%	37.9%	--	--	--
Washington	86.2%	34.4%	50.3%	6.8%	7.0%	1.1%
Watonwan	78.0%	32.1%	41.5%	--	14.5%	--
Wilkin	36.1%	--	--	--	--	54.2%
Winona	58.7%	22.7%	28.0%	10.9%	8.4%	29.1%
Wright	87.3%	35.2%	48.4%	10.4%	5.2%	--
Yellow Medicine	70.8%	--	53.8%	--	--	--

Table 8b. Prenatal Care (PNC) Utilization Percentages by State/ County/CHB, Minnesota Residents, 2017.

	% First Trimester PNC	Adequacy of PNC ¹			Gave birth Out of State ²	
		Intensive	Adequate	Intermediate		Inadequate
State of Minnesota	77.7%	0.6%	9.6%	9.5%	42.8%	3.8%
CHB - Aitkin, Itasca, Koochiching	82.8%	24.7%	52.8%	11.3%	9.6%	--
CHB - Clearwater, Hubbard, Lake of the Woods	79.7%	25.8%	50.0%	8.3%	13.3%	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	77.3%	18.4%	51.4%	10.8%	8.0%	10.4%
CHB - Brown, Nicollet	87.7%	37.6%	50.0%	4.3%	6.1%	--
CHB - Carlton, Cook, Lake, St. Louis	86.3%	31.7%	51.5%	6.8%	8.5%	--
CHB - Cottonwood, Jackson	74.3%	25.7%	44.3%	8.3%	--	13.4%
CHB - Clay, Wilkin, Becker, Otter Tail	38.5%	14.3%	24.6%	2.5%	5.7%	50.3%
CHB - Douglas, Grant, Pope, Stevens, Traverse	87.6%	40.3%	46.6%	4.4%	4.4%	3.4%
CHB - Dodge, Steele	88.5%	35.3%	42.2%	15.5%	5.5%	--
CHB - Fillmore, Houston	30.5%	7.7%	16.6%	11.9%	7.7%	55.4%
CHB - Faribault, Martin	80.6%	35.3%	44.5%	--	8.4%	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	63.8%	27.3%	34.8%	5.1%	6.5%	25.7%
CHB - Kandiyohi, Renville	79.7%	24.1%	47.8%	14.9%	12.2%	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	66.6%	24.1%	41.9%	5.5%	4.9%	21.3%
CHB - LeSueur, Waseca	86.9%	47.9%	37.4%	7.1%	5.6%	--
CHB - Meeker, McLeod, Sibley	84.2%	34.9%	45.6%	10.5%	6.4%	--
CHB - Mahnomen, Norman, Polk	29.2%	7.0%	18.2%	6.5%	8.8%	57.8%
CHB - Morrison, Todd, Wadena	80.4%	31.0%	48.1%	8.1%	10.4%	--

Table 8b. Prenatal Care (PNC) Utilization Percentages by State/ County/CHB, Minnesota Residents, 2017.

	% First Trimester PNC	Adequacy of PNC ¹			Gave birth Out of State ²	
		Intensive	Adequate	Intermediate		Inadequate
State of Minnesota	77.7%	0.6%	9.6%	9.5%	42.8%	3.8%
Metro CHBs						
CHB - Bloomington	75.5%	45.8%	34.2%	6.7%	11.1%	--
CHB - Edina	78.7%	52.6%	31.4%	6.1%	7.6%	--
CHB - Minneapolis	75.0%	34.1%	36.1%	10.3%	17.2%	0.4%
CHB - Richfield	76.2%	43.4%	38.1%	4.0%	12.1%	--
CHB - St. Paul	70.1%	27.9%	38.6%	12.5%	19.4%	--

¹ Adequacy is determined using the Adequacy of Prenatal Care Utilization (APNCU) Index, and is not comparable to GINDEX Index used in previous years. See glossary for definitions of Intensive, Adequate, Intermediate, and Inadequate Prenatal Care. There are 954 women missing data and not included in this variable.

² Out of state births are MN residents that gave birth outside the state of MN. Prenatal care data are not available from some states.
 -- Percentages/rates not calculated for < 20 events. Counts are on Table 8a.

Table 9a. Method of Delivery Counts by State/County/CHB, Minnesota Residents, 2017.

	# Vaginal	# VBAC ¹	# Total ² Cesarean	# First Time ² Cesarean	# Repeat ² Cesarean
State of Minnesota	48,557	1,217	18,801	11,252	7,549
Aitkin	92	2	27	16	11
Anoka	3,073	57	1,083	716	367
Becker	301	4	93	46	47
Beltrami	486	15	159	63	96
Benton	362	14	152	95	57
Big Stone	40	1	23	11	12
Blue Earth	477	7	208	126	82
Brown	182	4	88	46	42
Carlton	264	7	97	55	42
Carver	832	15	323	218	105
Cass	199	5	78	39	39
Chippewa	110	5	48	16	32
Chisago	436	7	151	94	57
Clay	637	1	268	147	121
Clearwater	82	0	28	16	12
Cook	30	0	15	9	6
Cottonwood	102	2	44	22	22
Crow Wing	453	16	193	110	83
Dakota	3,528	75	1,541	915	626
Dodge	178	6	45	26	19
Douglas	302	8	124	62	62
Faribault	87	1	52	20	32
Fillmore	200	5	58	34	24
Freeborn	226	4	92	49	43
Goodhue	335	16	143	82	61
Grant	49	2	9	5	4
Hennepin	11,611	251	4,456	2,864	1,592
Houston	177	1	51	27	24
Hubbard	150	4	62	30	32
Isanti	296	4	130	96	34
Itasca	329	6	131	84	47
Jackson	77	1	27	14	13
Kanabec	130	2	49	32	17
Kandiyohi	428	21	152	82	70
Kittson	45	2	17	9	8
Koochiching	62	3	39	21	18
Lac Qui Parle	36	0	22	10	12
Lake	75	4	20	14	6
Lake of the Woods	22	0	12	5	7
Le Sueur	236	6	111	76	35
Lincoln	61	0	13	8	5
Lyon	268	0	90	45	45
McLeod	270	7	80	42	38
Mahnomen	70	2	27	15	12

Table 9a. Method of Delivery Counts by State/County/CHB, Minnesota Residents, 2017.

	# Vaginal	# VBAC ¹	# Total ² Cesarean	# First Time ² Cesarean	# Repeat ² Cesarean
State of Minnesota	48,557	1,217	18,801	11,252	7,549
Marshall	90	0	41	22	19
Martin	181	2	48	28	20
Meeker	183	4	65	34	31
Mille Lacs	235	6	82	55	27
Morrison	253	8	96	50	46
Mower	362	8	155	71	84
Murray	53	0	34	16	18
Nicollet	268	8	102	49	53
Nobles	249	2	133	61	72
Norman	55	1	27	9	18
Olmsted	1,522	63	529	286	243
Otter Tail	456	3	201	109	92
Pennington	109	0	61	31	30
Pine	183	7	86	57	29
Pipestone	94	0	36	22	14
Polk	330	2	102	54	48
Pope	85	3	40	30	10
Ramsey	5,563	191	1,934	1,190	744
Red Lake	26	0	14	10	4
Redwood	120	3	61	36	25
Renville	120	2	61	32	29
Rice	516	19	217	121	96
Rock	66	0	42	22	20
Roseau	100	6	71	26	45
St. Louis	1,410	35	546	343	203
Scott	1,280	33	522	326	196
Sherburne	883	18	315	184	131
Sibley	111	3	41	27	14
Stearns	1,434	65	559	291	268
Steele	278	6	137	76	61
Stevens	90	2	37	15	22
Swift	86	1	32	19	13
Todd	234	12	79	45	34
Traverse	25	1	14	9	5
Wabasha	174	12	57	32	25
Wadena	141	5	48	29	19
Waseca	134	2	62	40	22
Washington	1,884	61	780	461	319
Watonwan	118	0	41	24	17
Wilkin	48	2	33	15	18
Winona	326	4	118	84	34
Wright	1,198	24	483	284	199
Yellow Medicine	78	0	28	15	13

Table 9a. Method of Delivery Counts by State/County/CHB, Minnesota Residents, 2017.

	# Vaginal	# VBAC ¹	# Total ² Cesarean	# First Time ² Cesarean	# Repeat ² Cesarean
State of Minnesota	48,557	1,217	18,801	11,252	7,549
CHB - Aitkin, Itasca, Koochiching	483	11	197	121	76
CHB - Clearwater, Hubbard, Lake of the Woods	254	4	102	51	51
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	350	7	153	71	82
CHB - Brown, Nicollet	450	12	190	95	95
CHB - Carlton, Cook, Lake, St. Louis	1,779	46	678	421	257
CHB - Cottonwood, Jackson	179	3	71	36	35
CHB - Clay, Wilkin, Becker, Otter Tail	1,442	10	595	317	278
CHB - Douglas, Grant, Pope, Stevens, Traverse	551	16	224	121	103
CHB - Dodge, Steele	456	12	182	102	80
CHB - Fillmore, Houston	377	6	109	61	48
CHB - Faribault, Martin	268	3	100	48	52
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	370	8	204	98	106
CHB - Kandiyohi, Renville	548	23	213	114	99
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	662	3	276	149	127
CHB - LeSueur, Waseca	370	8	173	116	57
CHB - Meeker, McLeod, Sibley	564	14	186	103	83
CHB - Mahnomen, Norman, Polk	455	5	156	78	78
CHB - Morrison, Todd, Wadena	628	25	223	124	99
Metro CHBs					
CHB - Bloomington	722	12	287	187	100
CHB - Edina	321	7	147	73	74
CHB - Minneapolis	4,265	107	1,497	981	516
CHB - Richfield	362	6	162	122	40
CHB - St. Paul	3,561	117	1,225	771	454

¹ Vaginal Birth after [previous] C-section.² Total C-section includes all C-section deliveries. First-time and repeat C-section are subsets of the total C-section.

Table 9b. Method of Delivery Percentages by State/County/CHB, Minnesota Residents, 2017.

	# Vaginal	# VBAC ¹	# Total ² Cesarean	# First Time ² Cesarean	# Repeat ² Cesarean
State of Minnesota	70.8%	1.8%	27.4%	16.4%	11.0%
Aitkin	76.0%	--	22.3%	--	--
Anoka	72.9%	1.4%	25.7%	17.0%	8.7%
Becker	75.4%	--	23.3%	11.5%	11.8%
Beltrami	73.6%	--	24.1%	9.5%	14.5%
Benton	68.6%	--	28.8%	18.0%	10.8%
Big Stone	62.5%	--	35.9%	--	--
Blue Earth	68.9%	--	30.1%	18.2%	11.8%
Brown	66.4%	--	32.1%	16.8%	15.3%
Carlton	71.7%	--	26.4%	14.9%	11.4%
Carver	71.1%	--	27.6%	18.6%	9.0%
Cass	70.6%	--	27.7%	13.8%	13.8%
Chippewa	67.5%	--	29.4%	--	19.6%
Chisago	73.4%	--	25.4%	15.8%	9.6%
Clay	70.2%	--	29.5%	16.2%	13.3%
Clearwater	74.5%	--	25.5%	--	--
Cook	66.7%	--	--	--	--
Cottonwood	68.9%	--	29.7%	14.9%	14.9%
Crow Wing	68.4%	--	29.2%	16.6%	12.5%
Dakota	68.6%	1.5%	30.0%	17.8%	12.2%
Dodge	77.4%	--	19.6%	11.3%	--
Douglas	69.6%	--	28.6%	14.3%	14.3%
Faribault	62.1%	--	37.1%	14.3%	22.9%
Fillmore	75.2%	--	21.8%	12.8%	9.0%
Freeborn	70.2%	--	28.6%	15.2%	13.4%
Goodhue	67.8%	--	28.9%	16.6%	12.3%
Grant	81.7%	--	--	--	--
Hennepin	71.1%	1.5%	27.3%	17.5%	9.8%
Houston	77.3%	--	22.3%	11.8%	10.5%
Hubbard	69.4%	--	28.7%	13.9%	14.8%
Isanti	68.8%	--	30.2%	22.3%	7.9%
Itasca	70.6%	--	28.1%	18.0%	10.1%
Jackson	73.3%	--	25.7%	--	--
Kanabec	71.8%	--	27.1%	17.7%	--
Kandiyohi	71.2%	3.5%	25.3%	13.6%	11.6%
Kittson	70.3%	--	--	--	--
Koochiching	59.6%	--	37.5%	20.2%	--
Lac Qui Parle	62.1%	--	37.9%	--	--
Lake	75.8%	--	20.2%	--	--
Lake of the Woods	64.7%	--	--	--	--
Le Sueur	66.9%	--	31.4%	21.5%	9.9%
Lincoln	82.4%	--	--	--	--
Lyon	74.9%	--	25.1%	12.6%	12.6%
McLeod	75.6%	--	22.4%	11.8%	10.6%
Mahnomen	70.7%	--	27.3%	--	--

Table 9b. Method of Delivery Percentages by State/County/CHB, Minnesota Residents, 2017.

	# Vaginal	# VBAC ¹	# Total ² Cesarean	# First Time ² Cesarean	# Repeat ² Cesarean
State of Minnesota	70.8%	1.8%	27.4%	16.4%	11.0%
Marshall	68.7%	--	31.3%	16.8%	--
Martin	78.4%	--	20.8%	12.1%	8.7%
Meeker	72.6%	--	25.8%	13.5%	12.3%
Mille Lacs	71.6%	--	25.0%	16.8%	8.2%
Morrison	70.9%	--	26.9%	14.0%	12.9%
Mower	69.0%	--	29.5%	13.5%	16.0%
Murray	60.9%	--	39.1%	--	--
Nicollet	70.9%	--	27.0%	13.0%	14.0%
Nobles	64.8%	--	34.6%	15.9%	18.8%
Norman	66.3%	--	32.5%	--	--
Olmsted	72.0%	3.0%	25.0%	13.5%	11.5%
Otter Tail	68.8%	--	30.3%	16.4%	13.9%
Pennington	64.1%	--	35.9%	18.2%	17.6%
Pine	66.3%	--	31.2%	20.7%	10.5%
Pipestone	72.3%	--	27.7%	16.9%	--
Polk	76.0%	--	23.5%	12.4%	11.1%
Pope	66.4%	--	31.3%	23.4%	--
Ramsey	72.4%	2.5%	25.2%	15.5%	9.7%
Red Lake	63.4%	--	--	--	--
Redwood	65.2%	--	33.2%	19.6%	13.6%
Renville	65.6%	--	33.3%	17.5%	15.8%
Rice	68.6%	--	28.9%	16.1%	12.8%
Rock	61.1%	--	38.9%	20.4%	18.5%
Roseau	56.5%	--	40.1%	14.7%	25.4%
St. Louis	70.8%	1.8%	27.4%	17.2%	10.2%
Scott	69.8%	1.8%	28.4%	17.8%	10.7%
Sherburne	72.6%	--	25.9%	15.1%	10.8%
Sibley	71.2%	--	26.3%	17.3%	--
Stearns	69.7%	3.2%	27.2%	14.1%	13.0%
Steele	66.0%	--	32.5%	18.1%	14.5%
Stevens	69.8%	--	28.7%	--	17.1%
Swift	72.3%	--	26.9%	--	--
Todd	71.8%	--	24.2%	13.8%	10.4%
Traverse	62.5%	--	--	--	--
Wabasha	71.6%	--	23.5%	13.2%	10.3%
Wadena	72.7%	--	24.7%	14.9%	--
Waseca	67.7%	--	31.3%	20.2%	11.1%
Washington	69.1%	2.2%	28.6%	16.9%	11.7%
Watonwan	74.2%	--	25.8%	15.1%	--
Wilkin	57.8%	--	39.8%	--	--
Winona	72.4%	--	26.2%	18.7%	7.6%
Wright	70.3%	1.4%	28.3%	16.7%	11.7%
Yellow Medicine	73.6%	--	26.4%	--	--

Table 9b. Method of Delivery Percentages by State/County/CHB, Minnesota Residents, 2017.

	# Vaginal	# VBAC ¹	# Total ² Cesarean	# First Time ² Cesarean	# Repeat ² Cesarean
State of Minnesota	70.8%	1.8%	27.4%	16.4%	11.0%
CHB - Aitkin, Itasca, Koochiching	69.9%	--	28.5%	17.5%	11.0%
CHB - Clearwater, Hubbard, Lake of the Woods	70.6%	--	28.3%	14.2%	14.2%
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	68.6%	--	30.0%	13.9%	16.1%
CHB - Brown, Nicollet	69.0%	--	29.1%	14.6%	14.6%
CHB - Carlton, Cook, Lake, St. Louis	71.1%	1.8%	27.1%	16.8%	10.3%
CHB - Cottonwood, Jackson	70.8%	--	28.1%	14.2%	13.8%
CHB - Clay, Wilkin, Becker, Otter Tail	70.3%	--	29.0%	15.4%	13.5%
CHB - Douglas, Grant, Pope, Stevens, Traverse	69.7%	--	28.3%	15.3%	13.0%
CHB - Dodge, Steele	70.0%	--	28.0%	15.7%	12.3%
CHB - Fillmore, Houston	76.2%	--	22.0%	12.3%	9.7%
CHB - Faribault, Martin	72.2%	--	27.0%	12.9%	14.0%
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	63.5%	--	35.0%	16.8%	18.2%
CHB - Kandiyohi, Renville	69.9%	2.9%	27.2%	14.5%	12.6%
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	70.4%	--	29.3%	15.8%	13.5%
CHB - LeSueur, Waseca	67.2%	--	31.4%	21.1%	10.3%
CHB - Meeker, McLeod, Sibley	73.7%	--	24.3%	13.5%	10.8%
CHB - Mahnomen, Norman, Polk	73.9%	--	25.3%	12.7%	12.7%
CHB - Morrison, Todd, Wadena	71.6%	2.9%	25.4%	14.1%	11.3%
Metro CHBs					
CHB - Bloomington	70.7%	--	28.1%	18.3%	9.8%
CHB - Edina	67.6%	--	30.9%	15.4%	15.6%
CHB - Minneapolis	72.6%	1.8%	25.5%	16.7%	8.8%
CHB - Richfield	68.3%	--	30.6%	23.0%	7.5%
CHB - St. Paul	72.6%	2.4%	25.0%	15.7%	9.3%

¹ Vaginal Birth after [previous] C-section.² Total C-section includes all C-section deliveries. First-time and repeat C-section are subsets of the total C-section.

-- Percentages/rates not calculated for < 20 events. Counts are on Table 9a.

Table 10. Preterm and Birth Weight of Singleton Births by State/County/ CHB, Minnesota Residents, 2017.

	Number singleton ¹	Number Preterm	% Preterm ²	Number LBW	% LBW ³	Number Very LBW ³	% Very LBW ³
State of Minnesota	66,181	4,700	7.1%	3,430	4.3%	592	0.9%
Aitkin	119	7	--	7	--	1	--
Anoka	4,067	263	6.5%	183	4.5%	33	0.8%
Becker	387	27	7.0%	27	7.0%	5	--
Beltrami	641	46	7.2%	26	4.1%	2	--
Benton	503	43	8.5%	28	5.6%	6	--
Big Stone	58	6	--	3	--	0	--
Blue Earth	664	41	6.2%	27	4.1%	4	--
Brown	262	23	8.8%	12	--	2	--
Carlton	356	24	6.7%	16	--	1	--
Carver	1,123	73	6.5%	54	4.8%	7	--
Cass	270	30	11.1%	16	--	4	--
Chippewa	161	10	--	4	--	0	--
Chisago	584	35	6.0%	27	4.6%	3	--
Clay	886	57	6.4%	45	5.1%	9	--
Clearwater	108	1	--	2	--	1	--
Cook	41	7	--	3	--	0	--
Cottonwood	148	12	--	12	--	0	--
Crow Wing	630	42	6.7%	22	3.5%	2	--
Dakota	4,961	353	7.1%	272	5.5%	43	0.9%
Dodge	224	16	--	11	--	3	--
Douglas	414	37	8.9%	23	5.6%	1	--
Faribault	138	9	--	9	--	1	--
Fillmore	252	19	--	13	--	1	--
Freeborn	320	30	9.4%	20	6.3%	2	--
Goodhue	482	42	8.7%	25	5.2%	4	--
Grant	56	3	--	1	--	0	--
Hennepin	15,676	1,163	7.4%	893	5.7%	168	1.1%
Houston	223	10	--	6	--	2	--
Hubbard	212	18	--	16	--	4	--
Isanti	415	26	6.3%	16	--	2	--
Itasca	452	34	7.5%	23	5.1%	3	--
Jackson	101	10	--	6	--	1	--
Kanabec	167	14	--	6	--	2	--
Kandiyohi	577	34	5.9%	22	3.8%	5	--
Kittson	60	5	--	2	--	1	--
Koochiching	98	9	--	6	--	1	--
Lac Qui Parle	58	3	--	2	--	0	--
Lake	93	7	--	4	--	1	--
Lake of the Woods	34	2	--	2	--	0	--
Le Sueur	338	28	8.3%	14	--	2	--
Lincoln	69	6	--	2	--	0	--
Lyon	344	20	5.8%	16	--	1	--
McLeod	337	26	7.7%	14	--	4	--
Mahnomen	95	13	--	8	--	0	--

Table 10. Preterm and Birth Weight of Singleton Births by State/County/ CHB, Minnesota Residents, 2017.

	Number singleton ¹	Number Preterm	% Preterm ²	Number LBW	% LBW ³	Number Very LBW ³	% Very LBW ³
State of Minnesota	66,181	4,700	7.1%	3,430	4.3%	592	0.9%
Marshall	131	9	--	6	--	2	--
Martin	227	22	9.7%	14	--	2	--
Meeker	244	16	--	6	--	0	--
Mille Lacs	312	31	9.9%	20	6.4%	4	--
Morrison	351	23	6.6%	20	5.7%	2	--
Mower	501	34	6.8%	28	5.6%	4	--
Murray	83	4	--	4	--	1	--
Nicollet	365	18	--	16	--	2	--
Nobles	365	17	--	9	--	2	--
Norman	79	5	--	3	--	1	--
Olmsted	2,059	132	6.4%	86	4.2%	15	--
Otter Tail	648	30	4.6%	21	3.2%	4	--
Pennington	162	17	--	10	--	2	--
Pine	270	19	--	17	--	0	--
Pipestone	120	7	--	9	--	2	--
Polk	416	28	6.7%	22	5.3%	3	--
Pope	117	10	--	7	--	0	--
Ramsey	7,434	509	6.8%	455	6.1%	84	1.1%
Red Lake	41	2	--	1	--	0	--
Redwood	178	8	--	7	--	0	--
Renville	177	14	--	14	--	1	--
Rice	737	50	6.8%	36	4.9%	3	--
Rock	102	8	--	3	--	1	--
Roseau	173	9	--	7	--	0	--
St. Louis	1,911	159	8.3%	111	5.8%	21	1.1%
Scott	1,779	126	7.1%	84	4.7%	21	1.2%
Sherburne	1,182	78	6.6%	46	3.9%	6	--
Sibley	153	20	13.1%	9	--	1	--
Stearns	1,975	150	7.6%	93	4.7%	19	--
Steele	407	29	7.1%	27	6.6%	5	--
Stevens	123	7	--	3	--	1	--
Swift	111	8	--	8	--	0	--
Todd	324	26	8.0%	12	--	3	--
Traverse	38	6	--	4	--	0	--
Wabasha	234	11	--	6	--	1	--
Wadena	187	12	--	7	--	1	--
Waseca	196	13	--	7	--	0	--
Washington	2,641	174	6.6%	128	4.8%	27	1.0%
Watsonwan	157	9	--	9	--	0	--
Wilkin	81	7	--	5	--	1	--
Winona	440	34	7.7%	27	6.1%	4	--
Wright	1,642	118	7.2%	70	4.3%	13	--
Yellow Medicine	104	7	--	7	--	1	--

Table 10. Preterm and Birth Weight of Singleton Births by State/County/ CHB, Minnesota Residents, 2017.

	Number singleton ¹	Number Preterm	% Preterm ²	Number LBW	% LBW ³	Number Very LBW ³	% Very LBW ³
State of Minnesota	66,181	4,700	7.1%	3,430	4.3%	592	0.9%
CHB - Aitkin, Itasca, Koochiching	669	50	7.5%	36	5.4%	5	--
CHB - Clearwater, Hubbard, Lake of the Woods	354	21	5.9%	20	5.6%	5	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	492	34	6.9%	24	4.9%	1	--
CHB - Brown, Nicollet	627	41	6.5%	28	4.5%	4	--
CHB - Carlton, Cook, Lake, St. Louis	2,401	197	8.2%	134	5.6%	23	1.0%
CHB - Cottonwood, Jackson	249	22	8.8%	18	--	1	--
CHB - Clay, Wilkin, Becker, Otter Tail	2,002	121	6.0%	98	4.9%	19	--
CHB - Douglas, Grant, Pope, Stevens, Traverse	748	63	8.4%	38	5.1%	2	--
CHB - Dodge, Steele	631	45	7.1%	38	6.0%	8	--
CHB - Fillmore, Houston	475	29	6.1%	19	--	3	--
CHB - Faribault, Martin	365	31	8.5%	23	6.3%	3	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	567	42	7.4%	26	4.6%	5	--
CHB - Kandiyohi, Renville	754	48	6.4%	36	4.8%	6	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	896	53	5.9%	41	4.6%	5	--
CHB - LeSueur, Waseca	534	41	7.7%	21	3.9%	2	--
CHB - Meeker, McLeod, Sibley	734	62	8.4%	29	4.0%	5	--
CHB - Mahnomon, Norman, Polk	590	46	7.8%	33	5.6%	4	--
CHB - Morrison, Todd, Wadena	862	61	7.1%	39	4.5%	6	--

Table 10. Preterm and Birth Weight of Singleton Births by State/County/ CHB, Minnesota Residents, 2017.

	Number singleton ¹	Number Preterm	% Preterm ²	Number LBW	% LBW ³	Number Very LBW ³	% Very LBW ³
State of Minnesota	66,181	4,700	7.1%	3,430	4.3%	592	0.9%
Metro CHBs							
CHB - Bloomington	978	96	9.8%	74	7.6%	55	--
CHB - Edina	453	42	9.3%	29	6.4%	24	--
CHB - Minneapolis	5,668	618	10.9%	523	9.2%	416	1.9%
CHB - Richfield	498	49	9.8%	43	8.6%	34	--
CHB - St. Paul	4,746	437	9.2%	421	8.9%	335	1.8%

¹ Singleton births are single infants born at this birth (i.e., not 2 or more infants).

² Preterm are infants born before 37 weeks of gestation.

³ LBW = Low birth weight < 2,500 grams (5.5 pounds); VLBW = Very low birth weight < 1,500 (3 pound 5 ounces)

-- Rate not calculated for fewer than 20 events

Table 11. Number of Infant Deaths¹ by State/County/CHB, Minnesota Residents, 2012-2016.

State/County/CHB	Birth Period ²			
	1997-2001	2002-2006	2007-2011	2012-2016
State of Minnesota	1,888	1,747	1,785	1,757
Aitkin	4	3	1	6
Anoka	109	98	100	86
Becker	15	9	16	11
Beltrami	23	23	35	34
Benton	16	23	11	14
Big Stone	1	1	2	3
Blue Earth	16	9	18	24
Brown	5	6	5	5
Carlton	12	7	12	7
Carver	28	13	28	22
Cass	12	12	13	13
Chippewa	6	0	4	2
Chisago	14	17	19	11
Clay	26	23	24	20
Clearwater	4	4	2	2
Cook	4	0	2	4
Cottonwood	5	3	3	5
Crow Wing	17	22	14	15
Dakota	116	138	88	121
Dodge	10	9	6	4
Douglas	4	13	10	13
Faribault	5	3	3	2
Fillmore	11	8	3	6
Freeborn	12	10	10	10
Goodhue	15	13	13	13
Grant	0	0	1	3
Hennepin	481	421	437	424
Houston	8	5	6	2
Hubbard	5	6	5	8
Isanti	9	13	8	16
Itasca	12	20	9	16
Jackson	1	3	2	5
Kanabec	7	3	2	5
Kandiyohi	9	9	15	11
Kittson	2	0	0	2
Koochiching	10	3	1	2
Lac Qui Parle	1	4	2	2
Lake	5	5	3	3
Lake of the Woods	1	2	2	0
Le Sueur	4	5	4	10
Lincoln	1	1	0	1
Lyon	11	10	13	6
McLeod	20	10	6	12
Mahnomen	4	2	7	6

Table 11. Number of Infant Deaths¹ by State/County/CHB, Minnesota Residents, 2012-2016.

State/County/CHB	Birth Period ²			
	1997-2001	2002-2006	2007-2011	2012-2016
State of Minnesota	1,888	1,747	1,785	1,757
Marshall	5	4	4	3
Martin	6	5	4	5
Meeker	5	7	7	6
Mille Lacs	8	11	13	9
Morrison	13	14	13	6
Mower	15	8	16	12
Murray	1	5	0	2
Nicollet	5	11	14	8
Nobles	6	11	8	10
Norman	1	1	0	2
Olmsted	48	50	77	33
Otter Tail	17	11	7	19
Pennington	6	2	5	5
Pine	7	9	16	10
Pipestone	5	1	3	2
Polk	9	13	10	16
Pope	4	0	6	5
Ramsey	283	217	243	249
Red Lake	1	3	0	0
Redwood	5	2	3	6
Renville	2	4	3	3
Rice	21	12	13	21
Rock	5	1	1	3
Roseau	9	6	4	8
St. Louis	61	55	46	65
Scott	22	35	47	28
Sherburne	20	29	33	24
Sibley	3	1	3	3
Stearns	46	54	44	47
Steele	14	10	8	9
Stevens	2	5	2	4
Swift	2	4	2	1
Todd	8	7	10	9
Traverse	2	0	2	2
Wabasha	11	4	7	4
Wadena	1	8	4	3
Waseca	4	6	7	2
Washington	69	58	69	62
Watonwan	3	9	7	5
Wilkin	5	4	0	3
Winona	17	18	13	15
Wright	28	41	44	38
Yellow Medicine	2	2	2	3

Table 11. Number of Infant Deaths¹ by State/County/CHB, Minnesota Residents, 2012-2016.

State/County/CHB	Birth Period ²			
	1997-2001	2002-2006	2007-2011	2012-2016
State of Minnesota	1,888	1,747	1,785	1,757
CHB - Aitkin, Itasca, Koochiching	26	26	11	24
CHB - Clearwater, Hubbard, Lake of the Woods	10	12	9	10
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	12	11	12	11
CHB - Brown, Nicollet	10	17	19	13
CHB - Carlton, Cook, Lake, St. Louis	82	67	63	79
CHB - Cottonwood, Jackson	6	6	5	10
CHB - Clay, Wilkin, Becker, Otter Tail	63	47	47	53
CHB - Douglas, Grant, Pope, Stevens, Traverse	12	18	21	27
CHB - Dodge, Steele	24	19	14	13
CHB - Fillmore, Houston	19	13	9	8
CHB - Faribault, Martin	11	8	7	7
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	23	15	13	18
CHB - Kandiyohi, Renville	11	13	18	14
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	28	20	20	20
CHB - LeSueur, Waseca	8	11	11	12
CHB - Meeker, McLeod, Sibley	28	18	16	21
CHB - Mahnomen, Norman, Polk	14	16	17	24
CHB - Morrison, Todd, Wadena	22	29	27	18
Metro CHBs				
CHB - Bloomington	31	19	19	13
CHB - Edina	12	3	5	5
CHB - Minneapolis	213	215	204	202
CHB - Richfield	12	15	10	12
CHB - St. Paul	223	162	177	172

¹ Infant deaths are deaths to live born infants that die during first year after birth.² Birth periods represent data for 5-year periods due to small sample sizes.

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Mortality Tables

Table 1. Summary of Deaths and Death Rates, Minnesota Residents, 2017

Table 2. Number of Deaths by Age Group, Minnesota Residents, 2017

Table 3. Age-Specific Crude Death Rates, Minnesota Residents, 2017

Table 4. Leading Causes of Death Counts, Minnesota Residents, 2017

Table 5. Cause-Specific Crude Death Rates, Minnesota Residents, 2017

Table 6. Cause-Specific Death Counts, Minnesota Residents, 2013-2017

Table 7. Age-Adjusted Cause-Specific Death Rates, Minnesota Residents, 2013-2017

Table 8. Cause-Specific Premature Death Counts, Minnesota Residents, 2013-2017

Table 9. Age-Adjusted Cause-Specific Premature Death Rates, Minnesota Residents, 2013-2017

Mortality Table 1. Summary of Deaths to Minnesota Residents by State/County/CHB, 2017.

State/County/CHB	Deaths	Crude Death Rate ¹	Age-Adjusted Death Rate ²	Premature Deaths ³	
				Deaths	Age Adj. Rate
State of Minnesota	44,351	795.3	656.2	17,090	250.4
Aitkin	229	1446.7	738.3	92	355.9
Anoka	2,263	644.0	637.6	1,072	247.4
Becker	367	1076.3	753.6	137	286.3
Beltrami	424	911.6	776.2	174	332.0
Benton	367	918.9	782.3	124	277.5
Big Stone	79	1571.8	621.0	12	140.9
Blue Earth	499	745.1	665.4	169	237.8
Brown	302	1198.7	698.9	80	260.4
Carlton	366	1031.0	778.1	144	308.7
Carver	514	503.3	545.4	189	166.0
Cass	338	1151.4	690.0	154	345.3
Chippewa	164	1368.9	775.9	46	288.7
Chisago	444	802.8	705.9	200	279.5
Clay	523	822.7	758.0	202	313.8
Clearwater	114	1284.1	880.3	48	415.3
Cook	59	1093.0	637.1	24	261.6
Cottonwood	146	1292.6	666.3	37	244.3
Crow Wing	675	1047.7	721.3	254	299.5
Dakota	2,594	615.1	590.3	1,026	202.2
Dodge	171	823.6	713.3	76	316.4
Douglas	423	1125.7	674.3	130	256.7
Faribault	184	1334.9	775.0	74	381.1
Fillmore	228	1086.7	652.7	63	237.9
Freeborn	376	1231.4	712.7	136	313.2
Goodhue	494	1066.9	705.7	162	251.5
Grant	66	1110.9	664.8	24	346.1
Hennepin	8,877	709.0	643.3	3,572	244.3
Houston	179	959.3	604.6	53	218.8
Hubbard	216	1027.7	599.1	87	228.8
Isanti	319	805.9	692.1	128	260.7
Itasca	503	1114.4	682.8	199	294.2
Jackson	94	945.1	544.2	32	244.4
Kanabec	150	936.1	680.8	66	296.4
Kandiyohi	366	856.3	578.4	125	222.6
Kittson	77	1811.8	1,006.9	26	490.4
Koochiching	122	973.8	565.2	57	277.9
Lac Qui Parle	84	1256.5	561.8	23	243.3
Lake	148	1406.3	742.1	54	321.0
Lake of the Woods	48	1282.1	811.0	15	289.8
Le Sueur	229	814.6	633.6	71	190.7
Lincoln	71	1250.4	563.1	16	197.6
Lyon	216	836.2	627.3	77	255.6
McLeod	354	986.5	663.3	114	245.6
Mahnomen	80	1429.6	1,276.8	54	925.2

Mortality Table 1. Summary of Deaths to Minnesota Residents by State/County/CHB, 2017.

State/County/CHB	Deaths	Crude Death Rate ¹	Age-Adjusted Death Rate ²	Premature Deaths ³	
				Deaths	Age Adj. Rate
State of Minnesota	44,351	795.3	656.2	17,090	250.4
Marshall	83	887.1	560.9	29	244.1
Martin	270	1360.2	679.5	86	306.2
Meeker	246	1063.5	695.2	79	247.3
Mille Lacs	282	1090.0	814.9	105	330.7
Morrison	286	865.0	611.5	113	253.9
Mower	443	1119.6	706.7	135	280.5
Murray	113	1353.9	676.7	36	283.1
Nicollet	239	703.6	561.1	83	200.5
Nobles	189	861.3	628.4	64	249.5
Norman	115	1743.2	1,042.7	41	501.6
Olmsted	1,056	681.6	553.8	352	190.7
Otter Tail	654	1120.9	641.0	213	250.4
Pennington	141	990.3	676.4	51	281.3
Pine	277	948.5	675.4	131	327.9
Pipestone	128	1408.6	754.9	33	307.1
Polk	340	1075.3	751.2	125	320.5
Pope	104	948.0	497.9	25	145.1
Ramsey	4,346	793.1	708.5	1,774	283.8
Red Lake	32	794.0	548.5	14	268.0
Redwood	199	1303.0	769.4	62	341.6
Renville	174	1188.1	690.9	58	297.8
Rice	577	874.7	743.9	190	241.0
Rock	124	1306.6	770.8	29	232.4
Roseau	142	926.5	681.4	47	244.4
St. Louis	2,086	1043.0	736.1	827	308.7
Scott	682	467.7	579.2	278	180.1
Sherburne	568	600.6	697.7	264	255.8
Sibley	125	840.7	586.6	48	248.0
Stearns	1,045	662.1	568.4	432	239.3
Steele	354	959.7	683.2	132	281.9
Stevens	84	871.9	598.8	28	258.6
Swift	137	1456.4	882.7	54	448.2
Todd	194	791.4	521.4	80	234.1
Traverse	58	1747.5	783.3	14	356.0
Wabasha	196	907.1	557.2	74	224.0
Wadena	219	1602.2	994.1	75	443.5
Waseca	169	899.6	632.5	60	245.3
Washington	1,714	668.6	622.3	627	195.6
Watonwan	125	1153.1	721.3	41	327.0
Wilkin	80	1265.0	874.8	27	361.1
Winona	444	872.8	700.7	147	256.3
Wright	856	637.4	670.1	346	228.2
Yellow Medicine	113	1145.2	733.5	43	354.2

Mortality Table 1. Summary of Deaths to Minnesota Residents by State/County/CHB, 2017.

State/County/CHB	Deaths	Crude Death Rate ¹	Age-Adjusted Death Rate ²	Premature Deaths ³	
				Deaths	Age Adj. Rate
State of Minnesota	44,351	795.3	656.2	17,090	250.4
CHB - Aitkin, Itasca, Koochiching	854	1162.0	672.5	348	303.1
CHB - Clearwater, Hubbard, Lake of the Woods	378	1123.7	694.9	150	283.2
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	577	1343.0	731.7	178	312.2
CHB - Brown, Nicollet	541	914.5	625.7	163	224.1
CHB - Carlton, Cook, Lake, St. Louis	2,659	1057.6	738.0	1,049	306.8
CHB - Cottonwood, Jackson	240	1129.9	611.5	69	245.0
CHB - Clay, Wilkin, Becker, Otter Tail	1,624	1000.4	709.0	579	282.5
CHB - Douglas, Grant, Pope, Stevens, Traverse	735	1089.9	633.1	221	247.4
CHB - Dodge, Steele	525	910.7	693.7	208	294.1
CHB - Fillmore, Houston	407	1026.7	630.2	116	228.6
CHB - Faribault, Martin	454	1349.8	718.1	160	336.5
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	475	1006.3	670.4	167	278.2
CHB - Kandiyohi, Renville	540	941.0	609.6	183	242.7
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	851	1154.6	693.0	253	274.8
CHB - LeSueur, Waseca	398	848.7	629.8	131	211.6
CHB - Meeker, McLeod, Sibley	725	981.3	658.8	241	247.0
CHB - Mahnomen, Norman, Polk	535	1221.1	863.4	220	418.8
CHB - Morrison, Todd, Wadena	699	981.1	656.9	268	281.0

Mortality Table 1. Summary of Deaths to Minnesota Residents by State/County/CHB, 2017.

State/County/CHB	Deaths	Crude Death Rate ¹	Age-Adjusted Death Rate ²	Premature Deaths ³	
				Deaths	Age Adj. Rate
State of Minnesota	44,351	795.3	656.2	17,090	250.4
Metro CHBs					
CHB - Bloomington	860	1006.8	636.9	243	224.2
CHB - Edina	527	1041.4	549.3	110	165.8
CHB - Minneapolis	2,561	622.4	794.0	1,389	342.9
CHB - Richfield	295	819.6	586.9	110	266.3
CHB - St. Paul	2,132	708.7	840.5	1,055	357.6

¹Crude death rate - the total number of deaths per 100,000 persons.

²Age adjusted death rate - the total number of deaths per 100,000 persons, age adjusted to the 2000 U.S standard population. For additional information about age-adjustment: <https://seer.cancer.gov/stdpopulations/>.

³Premature death rate - the number of deaths to residents under age 75 per 100,000 persons age-adjusted to the 2000 U.S. standard population.

Note: For 10 deaths, county of residence was missing, so they are not included in this table. Totals and rates may therefore be different than in the Annual Summary.

Mortality Table 2. Number of Deaths by Age Group by State/County/CHB, Minnesota Residents, 2017.

State/County/CHB	Age Group										
	Total	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
State of Minnesota	44,351	329	63	34	41	167	964	1,772	6,343	12,104	22,534
Aitkin	229	2	0	0	0	1	2	5	39	73	107
Anoka	2,263	19	4	2	0	8	78	101	379	746	926
Becker	367	1	0	0	1	2	9	10	52	116	176
Beltrami	424	4	1	0	1	4	14	19	63	114	204
Benton	367	6	1	0	0	0	7	13	56	69	215
Big Stone	79	0	0	0	0	0	0	0	6	14	59
Blue Earth	499	0	0	0	0	2	9	11	73	119	285
Brown	302	2	0	0	1	3	5	10	23	73	185
Carlton	366	0	0	0	2	0	10	11	52	105	186
Carver	514	4	0	1	0	2	15	22	66	126	278
Cass	338	4	0	0	1	1	9	20	56	103	144
Chippewa	164	1	0	0	0	0	2	4	19	37	101
Chisago	444	1	1	0	1	3	12	20	69	141	196
Clay	523	5	1	0	0	2	13	23	79	127	273
Clearwater	114	1	0	0	0	0	6	3	11	39	54
Cook	59	0	0	0	0	0	0	4	10	14	31
Cottonwood	146	2	0	0	0	1	1	3	13	31	95
Crow Wing	675	1	0	1	0	3	11	21	100	210	328
Dakota	2,594	20	4	5	4	10	55	113	378	726	1,279
Dodge	171	1	0	0	0	3	2	10	23	57	75
Douglas	423	2	0	1	1	2	12	9	37	113	246
Faribault	184	1	0	0	0	2	4	6	26	54	91
Fillmore	228	2	0	0	0	1	5	5	18	47	150
Freeborn	376	1	0	0	0	2	3	11	56	102	201
Goodhue	494	0	1	0	0	0	8	13	63	123	286
Grant	66	0	0	0	0	0	4	4	9	10	39
Hennepin	8,877	72	12	5	6	27	234	430	1,327	2,313	4,451
Houston	179	2	0	0	0	0	3	6	21	38	109
Hubbard	216	1	1	1	0	0	1	2	28	84	98
Isanti	319	4	0	0	1	0	6	17	52	79	160

Mortality Table 2. Number of Deaths by Age Group by State/County/CHB, Minnesota Residents, 2017.

State/County/CHB	Age Group										
	Total	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
State of Minnesota	44,351	329	63	34	41	167	964	1,772	6,343	12,104	22,534
Itasca	503	3	1	0	0	3	9	15	61	169	242
Jackson	94	0	1	0	0	0	1	3	14	18	57
Kanabec	150	1	2	0	1	0	3	6	23	48	66
Kandiyohi	366	2	2	1	0	1	6	12	43	91	208
Kittson	77	0	0	0	0	1	0	5	10	21	40
Koochiching	122	1	0	0	0	0	1	6	18	40	56
Lac Qui Parle	84	0	0	0	0	0	0	3	12	16	53
Lake	148	1	0	0	0	0	2	3	17	42	83
Lake of the Woods	48	0	0	0	0	1	1	2	5	17	22
Le Sueur	229	1	0	0	1	0	6	5	25	62	129
Lincoln	71	0	0	0	0	0	0	2	3	19	47
Lyon	216	0	0	0	1	2	1	6	32	58	116
McLeod	354	2	1	0	0	0	4	8	36	94	209
Mahnomen	80	1	0	0	0	0	6	9	22	24	18
Marshall	83	0	0	0	0	1	0	4	14	21	43
Martin	270	0	0	0	0	1	4	8	34	68	155
Meeker	246	0	0	0	0	1	1	8	25	72	139
Mille Lacs	282	2	0	0	1	1	9	12	40	82	135
Morrison	286	2	0	0	0	0	4	5	49	87	139
Mower	443	3	1	0	1	1	6	18	41	111	261
Murray	113	1	0	0	0	0	0	2	14	26	70
Nicollet	239	2	0	0	0	1	6	7	23	64	136
Nobles	189	1	0	0	0	0	2	3	27	55	101
Norman	115	0	1	0	0	0	4	4	18	24	64
Olmsted	1,056	10	1	1	0	3	14	33	137	280	577
Otter Tail	654	3	0	0	0	2	4	18	82	173	372
Pennington	141	4	0	0	0	0	0	3	19	41	74
Pine	277	3	0	0	0	1	8	12	53	94	106
Pipestone	128	3	0	0	0	0	1	5	8	30	81
Polk	340	4	1	0	1	0	5	16	45	93	175
Pope	104	0	0	0	0	0	1	1	10	19	73

Mortality Table 2. Number of Deaths by Age Group by State/County/CHB, Minnesota Residents, 2017.

State/County/CHB	Age Group										
	Total	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
State of Minnesota	44,351	329	63	34	41	167	964	1,772	6,343	12,104	22,534
Ramsey	4,346	47	11	2	3	25	106	205	671	1,130	2,146
Red Lake	32	0	0	0	0	0	1	1	6	18	6
Redwood	199	1	0	0	1	0	5	8	26	43	115
Renville	174	0	0	0	1	0	1	8	21	43	100
Rice	577	4	0	0	0	1	5	23	79	163	302
Rock	124	0	0	0	1	0	0	3	15	22	83
Roseau	142	1	0	0	0	0	2	5	27	31	76
St. Louis	2,086	15	4	4	2	6	39	76	325	579	1,036
Scott	682	9	0	1	1	5	25	34	95	189	323
Sherburne	568	3	0	2	1	2	26	27	85	171	251
Sibley	125	0	0	0	0	1	2	4	16	42	60
Stearns	1,045	8	4	2	2	7	23	42	149	296	512
Steele	354	3	0	0	0	2	2	12	52	102	181
Stevens	84	0	0	0	0	1	1	0	13	25	44
Swift	137	2	0	1	0	0	7	3	14	35	75
Todd	194	2	0	0	0	0	1	8	31	62	90
Traverse	58	0	0	0	0	0	2	2	6	9	39
Wabasha	196	1	1	0	0	0	0	4	28	64	98
Wadena	219	2	0	0	0	1	4	8	33	54	117
Waseca	169	0	0	0	0	0	1	7	21	45	95
Washington	1,714	13	3	3	2	7	30	59	244	464	889
Watonwan	125	0	1	0	0	1	2	7	16	30	68
Wilkin	80	0	0	0	0	1	2	6	8	17	46
Winona	444	5	1	0	0	3	10	13	57	111	244
Wright	856	3	1	0	2	5	18	33	123	264	407
Yellow Medicine	113	1	0	1	0	0	0	4	18	33	56

Mortality Table 2. Number of Deaths by Age Group by State/County/CHB, Minnesota Residents, 2017.

State/County/CHB	Age Group										
	Total	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
State of Minnesota	44,351	329	63	34	41	167	964	1,772	6,343	12,104	22,534
CHB - Aitkin, Itasca, Koochiching	854	6	1	0	0	4	12	26	118	282	405
CHB - Clearwater, Hubbard, Lake of the Woods	378	2	1	1	0	1	8	7	44	140	174
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	577	4	0	2	0	0	9	14	69	135	344
CHB - Brown, Nicollet	541	4	0	0	1	4	11	17	46	137	321
CHB - Carlton, Cook, Lake, St. Louis	2,659	16	4	4	4	6	51	94	404	740	1,336
CHB - Cottonwood, Jackson	240	2	1	0	0	1	2	6	27	49	152
CHB - Clay, Wilkin, Becker, Otter Tail	1,624	9	1	0	1	7	28	57	221	433	867
CHB - Douglas, Grant, Pope, Stevens, Traverse	735	2	0	1	1	3	20	16	75	176	441
CHB - Dodge, Steele	525	4	0	0	0	5	4	22	75	159	256
CHB - Fillmore, Houston	407	4	0	0	0	1	8	11	39	85	259
CHB - Faribault, Martin	454	1	0	0	0	3	8	14	60	122	246
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	475	5	0	0	0	2	3	18	76	132	239
CHB - Kandiyohi, Renville	540	2	2	1	1	1	7	20	64	134	308
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	851	5	0	0	3	2	7	26	98	198	512
CHB - LeSueur, Waseca	398	1	0	0	1	0	7	12	46	107	224
CHB - Meeker, McLeod, Sibley	725	2	1	0	0	2	7	20	77	208	408
CHB - Mahnomen, Norman, Polk	535	5	2	0	1	0	15	29	85	141	257
CHB - Morrison, Todd, Wadena	699	6	0	0	0	1	9	21	113	203	346

Mortality Table 2. Number of Deaths by Age Group by State/County/CHB, Minnesota Residents, 2017.

State/County/CHB	Total	Age Group									
		< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
State of Minnesota	44,351	329	63	34	41	167	964	1,772	6,343	12,104	22,534
Metro CHBs											
CHB - Bloomington	860	5	0	0	0	1	13	33	78	199	531
CHB - Edina	527	2	0	0	0	2	6	8	37	110	362
CHB - Minneapolis	2,561	34	4	2	1	10	111	205	543	698	953
CHB - Richfield	295	1	0	1	0	0	13	8	51	69	152
CHB - St. Paul	2,132	36	9	2	0	15	69	138	413	566	884

Note: For 10 deaths, county of residence was missing, so they are not included in this table. Totals and rates may therefore be different than in the Annual Summary.

Mortality Table 3. Age-Specific, Crude Death Rates Per 100,000 Age-Specific Population by State/County/CHB, MN Residents, 2017.

State/County/CHB	Age Group									
	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
State of Minnesota	474.4	22.0	9.4	11.2	46.8	86.0	170.7	567.8	1,898.7	10,117.1
Aitkin	--	--	--	--	--	--	--	1,000.8	1,827.3	9,427.3
Anoka	--	--	--	--	--	117.7	143.0	504.8	1,987.4	9,218.5
Becker	--	--	--	--	--	--	--	717.0	2,212.9	10,718.6
Beltrami	--	--	--	--	--	--	--	770.5	2,122.9	10,914.9
Benton	--	--	--	--	--	--	--	766.5	1,792.2	13,166.0
Big Stone	--	--	--	--	--	--	--	--	--	12,882.1
Blue Earth	--	--	--	--	--	--	--	687.8	1,846.1	11,111.1
Brown	--	--	--	--	--	--	--	426.0	2,109.2	10,601.7
Carlton	--	--	--	--	--	--	--	679.3	2,371.8	11,517.0
Carver	--	--	--	--	--	--	99.8	308.3	1,417.6	9,851.2
Cass	--	--	--	--	--	--	467.3	816.4	1,751.4	9,651.5
Chippewa	--	--	--	--	--	--	--	--	2,130.1	12,932.1
Chisago	--	--	--	--	--	--	183.6	554.5	2,200.0	10,447.8
Clay	--	--	--	--	--	--	204.9	772.0	2,208.7	10,985.9
Clearwater	--	--	--	--	--	--	--	--	2,952.3	11,042.9
Cook	--	--	--	--	--	--	--	--	--	10,299.0
Cottonwood	--	--	--	--	--	--	--	--	1,794.0	11,163.3
Crow Wing	--	--	--	--	--	--	199.9	708.3	1,950.6	9,678.4
Dakota	384.3	--	--	--	--	69.1	134.1	430.3	1,644.1	9,663.8
Dodge	--	--	--	--	--	--	--	555.0	2,594.4	9,542.0
Douglas	--	--	--	--	--	--	--	466.9	1,861.6	10,705.0
Faribault	--	--	--	--	--	--	--	845.8	2,536.4	9,081.8
Fillmore	--	--	--	--	--	--	--	--	1,579.8	11,177.3
Freeborn	--	--	--	--	--	--	--	843.2	2,183.7	9,882.0
Goodhue	--	--	--	--	--	--	--	602.5	1,937.6	11,555.6
Grant	--	--	--	--	--	--	--	--	--	9,725.7
Hennepin	430.3	--	--	--	37.7	79.8	175.0	556.9	1,818.2	10,192.1
Houston	--	--	--	--	--	--	--	472.1	1,382.3	9,775.8
Hubbard	--	--	--	--	--	--	--	561.1	2,075.1	8,298.1
Isanti	--	--	--	--	--	--	--	602.3	1,696.0	10,989.0

Mortality Table 3. Age-Specific, Crude Death Rates Per 100,000 Age-Specific Population by State/County/CHB, MN Residents, 2017.

State/County/CHB	Age Group									
	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
State of Minnesota	474.4	22.0	9.4	11.2	46.8	86.0	170.7	567.8	1,898.7	10,117.1
Itasca	--	--	--	--	--	--	--	585.4	2,179.0	9,649.1
Jackson	--	--	--	--	--	--	--	--	--	8,028.2
Kanabec	--	--	--	--	--	--	--	612.2	1,899.5	9,041.1
Kandiyohi	--	--	--	--	--	--	--	487.6	1,634.9	9,159.0
Kittson	--	--	--	--	--	--	--	--	2,961.9	12,383.9
Koochiching	--	--	--	--	--	--	--	--	1,784.9	7,115.6
Lac Qui Parle	--	--	--	--	--	--	--	--	--	8,294.2
Lake	--	--	--	--	--	--	--	--	2,202.4	10,723.5
Lake of the Woods	--	--	--	--	--	--	--	--	--	10,328.6
Le Sueur	--	--	--	--	--	--	--	412.1	1,683.9	10,950.8
Lincoln	--	--	--	--	--	--	--	--	--	9,215.7
Lyon	--	--	--	--	--	--	--	660.1	2,156.9	9,302.3
McLeod	--	--	--	--	--	--	--	487.3	1,992.8	11,164.5
Mahnomen	--	--	--	--	--	--	--	2,115.4	3,404.3	--
Marshall	--	--	--	--	--	--	--	--	1,569.5	7,026.1
Martin	--	--	--	--	--	--	--	768.2	2,222.9	10,237.8
Meeker	--	--	--	--	--	--	--	501.7	2,211.3	10,996.8
Mille Lacs	--	--	--	--	--	--	--	726.3	2,377.5	11,411.7
Morrison	--	--	--	--	--	--	--	668.7	1,916.3	8,067.3
Mower	--	--	--	--	--	--	--	536.2	2,288.7	10,583.9
Murray	--	--	--	--	--	--	--	--	1,809.3	10,835.9
Nicollet	--	--	--	--	--	--	--	365.6	1,616.2	9,679.7
Nobles	--	--	--	--	--	--	--	663.6	2,271.8	8,883.0
Norman	--	--	--	--	--	--	--	--	2,623.0	14,035.1
Olmsted	--	--	--	--	--	--	113.3	456.5	1,667.9	8,926.4
Otter Tail	--	--	--	--	--	--	--	615.2	1,759.0	9,875.2
Pennington	--	--	--	--	--	--	--	--	2,316.4	9,932.9
Pine	--	--	--	--	--	--	--	760.1	2,115.7	7,528.4
Pipestone	--	--	--	--	--	--	--	--	2,483.4	11,705.2
Polk	--	--	--	--	--	--	--	699.0	2,377.9	10,460.3
Pope	--	--	--	--	--	--	--	--	--	9,918.5

Mortality Table 3. Age-Specific, Crude Death Rates Per 100,000 Age-Specific Population by State/County/CHB, MN Residents, 2017.

State/County/CHB	Age Group									
	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
State of Minnesota	474.4	22.0	9.4	11.2	46.8	86.0	170.7	567.8	1,898.7	10,117.1
Ramsey	602.1	--	--	--	71.7	80.8	210.5	674.9	1,984.8	10,648.5
Red Lake	--	--	--	--	--	--	--	--	--	--
Redwood	--	--	--	--	--	--	--	827.5	1,951.9	11,175.9
Renville	--	--	--	--	--	--	--	630.3	2,107.8	10,416.7
Rice	--	--	--	--	--	--	196.0	621.7	2,213.5	11,593.1
Rock	--	--	--	--	--	--	--	--	1,755.8	13,787.4
Roseau	--	--	--	--	--	--	--	753.3	1,667.6	10,826.2
St. Louis	--	--	--	--	--	94.2	230.3	760.0	2,087.2	10,553.1
Scott	--	--	--	--	--	97.4	103.7	337.6	1,591.8	9,711.4
Sherburne	--	--	--	--	--	142.6	133.7	464.5	2,087.1	11,200.4
Sibley	--	--	--	--	--	--	--	--	2,237.6	7,556.7
Stearns	--	--	--	--	--	62.8	161.4	514.6	1,753.6	8,156.8
Steele	--	--	--	--	--	--	--	697.8	2,273.2	9,789.1
Stevens	--	--	--	--	--	--	--	--	2,347.4	7,296.8
Swift	--	--	--	--	--	--	--	--	2,581.1	10,838.2
Todd	--	--	--	--	--	--	--	567.5	1,617.5	6,849.3
Traverse	--	--	--	--	--	--	--	--	--	12,460.1
Wabasha	--	--	--	--	--	--	--	572.5	1,880.7	8,284.0
Wadena	--	--	--	--	--	--	--	1,207.0	2,743.9	12,772.9
Waseca	--	--	--	--	--	--	--	559.9	1,894.7	10,270.3
Washington	--	--	--	--	--	68.0	114.7	445.6	1,626.9	10,625.1
Watonwan	--	--	--	--	--	--	--	--	2,083.3	9,189.2
Wilkin	--	--	--	--	--	--	--	--	--	12,849.2
Winona	--	--	--	--	--	--	--	599.2	1,820.9	10,883.1
Wright	--	--	--	--	--	--	115.4	481.7	2,060.9	10,946.7
Yellow Medicine	--	--	--	--	--	--	--	--	2,558.1	8,296.3

Mortality Table 3. Age-Specific, Crude Death Rates Per 100,000 Age-Specific Population by State/County/CHB, MN Residents, 2017.

State/County/CHB	Age Group									
	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
State of Minnesota	474.4	22.0	9.4	11.2	46.8	86.0	170.7	567.8	1,898.7	10,117.1
CHB - Aitkin, Itasca, Koochiching	--	--	--	--	--	--	224.2	674.8	2,015.4	9,142.2
CHB - Clearwater, Hubbard, Lake of the Woods	--	--	--	--	--	--	--	558.9	2,314.0	9,240.6
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	--	--	--	--	--	--	--	736.2	2,121.6	10,600.9
CHB - Brown, Nicollet	--	--	--	--	--	--	--	393.5	1,846.1	10,190.5
CHB - Carlton, Cook, Lake, St. Louis	--	--	--	--	--	102.4	221.8	742.8	2,099.2	10,682.0
CHB - Cottonwood, Jackson	--	--	--	--	--	--	--	601.7	1,552.1	9,737.3
CHB - Clay, Wilkin, Becker, Otter Tail	--	--	--	--	--	92.4	212.9	684.1	2,000.6	10,506.5
CHB - Douglas, Grant, Pope, Stevens, Traverse	--	--	--	--	--	170.7	--	537.6	1,675.9	10,135.6
CHB - Dodge, Steele	--	--	--	--	--	--	206.1	646.8	2,378.8	9,715.4
CHB - Fillmore, Houston	--	--	--	--	--	--	--	436.4	1,485.0	10,541.3
CHB - Faribault, Martin	--	--	--	--	--	--	--	800.0	2,351.6	9,777.4
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	--	--	--	--	--	--	--	729.6	2,108.0	9,153.6
CHB - Kandiyohi, Renville	--	--	--	--	--	--	212.4	526.7	1,761.8	9,532.7
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	--	--	--	--	--	--	213.4	665.9	2,047.8	10,833.7
CHB - LeSueur, Waseca	--	--	--	--	--	--	--	468.6	1,766.6	10,651.5
CHB - Meeker, McLeod, Sibley	--	--	--	--	--	--	152.9	492.4	2,111.7	10,381.7
CHB - Mahnommen, Norman, Polk	--	--	--	--	--	--	403.5	953.2	2,549.3	10,762.1
CHB - Morrison, Todd, Wadena	--	--	--	--	--	--	177.6	727.9	1,963.1	8,752.8

Mortality Table 3. Age-Specific, Crude Death Rates Per 100,000 Age-Specific Population by State/County/CHB, MN Residents, 2017.

State/County/CHB	Age Group									
	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
State of Minnesota	474.4	22.0	9.4	11.2	46.8	86.0	170.7	567.8	1,898.7	10,117.1
Metro CHBs		0-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
CHB - Bloomington	N/A	--	--	--	--	--	210.4	427.6	1,813.7	10,367.0
CHB - Edina	N/A	--	--	--	--	--	--	341.4	1,551.7	10,171.4
CHB - Minneapolis	N/A	--	--	--	--	84.0	255.8	841.0	2,398.9	11,054.4
CHB - Richfield	N/A	--	--	--	--	--	--	829.3	1,883.7	7,396.6
CHB - St. Paul	N/A	--	--	--	--	84.1	256.7	824.8	2,585.9	11,967.0

Note: For 10 deaths, county of residence was missing, so they are not included in this table. Totals and rates may therefore be different than in the Annual Summary.

-- Rates not calculated for fewer than 20 deaths.

Mortality Table 4. Cause-Specific Death Counts for Ten Leading Causes,¹ by State/County/CHB, Minnesota Residents, 2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
State of Minnesota	9,889	8,230	2,786	2,473	2,460	2,248	1,311	780	697	674
Aitkin	56	44	20	6	12	7	9	4	2	4
Anoka	579	375	145	92	155	97	74	48	19	33
Becker	74	63	16	21	27	22	11	7	5	1
Beltrami	96	78	33	25	23	21	22	8	7	4
Benton	62	66	20	33	13	19	8	10	5	10
Big Stone	20	20	5	3	4	4	2	0	3	2
Blue Earth	104	105	17	37	32	34	14	5	14	10
Brown	62	55	15	11	15	21	6	5	4	3
Carlton	63	74	18	7	26	21	20	8	5	4
Carver	115	88	29	30	25	25	11	17	9	10
Cass	67	51	22	10	23	11	10	5	3	0
Chippewa	39	38	9	7	12	9	6	1	1	2
Chisago	93	92	22	24	27	21	11	8	9	8
Clay	109	100	33	33	20	26	7	13	14	4
Clearwater	28	23	6	4	5	3	10	3	3	1
Cook	25	6	2	0	6	5	1	2	0	1
Cottonwood	23	32	5	7	7	11	7	0	3	3
Crow Wing	150	131	37	27	41	32	31	12	16	11
Dakota	630	404	172	172	150	137	66	59	41	34
Dodge	39	52	13	6	10	10	5	5	3	2
Douglas	75	93	21	25	32	16	12	7	7	9
Faribault	36	47	6	5	14	11	9	3	3	1
Fillmore	45	56	10	11	17	15	4	8	1	2
Freeborn	86	71	15	20	20	23	9	4	4	11
Goodhue	120	118	24	21	28	17	14	9	4	11
Grant	17	20	1	1	5	2	1	1	1	1
Hennepin	1,933	1,455	683	486	425	452	255	154	125	150
Houston	41	39	8	8	13	13	3	1	4	3
Hubbard	63	36	6	18	11	8	11	3	0	4
Isanti	77	64	20	17	23	19	7	3	6	6

Mortality Table 4. Cause-Specific Death Counts for Ten Leading Causes,¹ by State/County/CHB, Minnesota Residents, 2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
State of Minnesota	9,889	8,230	2,786	2,473	2,460	2,248	1,311	780	697	674
Itasca	115	95	38	23	39	26	6	14	11	6
Jackson	28	26	6	2	1	5	3	0	2	5
Kanabec	28	31	12	4	13	4	8	6	4	2
Kandiyohi	88	67	17	18	18	16	7	4	4	7
Kittson	11	14	4	0	1	4	2	1	2	4
Koochiching	37	21	7	3	5	6	6	2	4	2
Lac Qui Parle	23	19	3	0	6	1	2	0	1	1
Lake	28	23	6	16	7	14	4	0	3	1
Lake of the Woods	8	12	2	0	4	4	2	3	3	0
Le Sueur	64	43	10	9	16	11	8	6	4	3
Lincoln	16	15	2	4	2	6	5	1	1	2
Lyon	55	40	11	7	11	17	4	4	2	0
McLeod	79	75	16	31	23	11	10	2	6	3
Mahnomen	18	12	10	3	9	2	5	3	0	0
Marshall	21	22	3	1	6	4	2	1	0	0
Martin	65	50	15	10	14	9	4	2	4	5
Meeker	65	53	8	6	10	6	8	5	4	2
Mille Lacs	52	67	21	5	12	12	11	5	10	2
Morrison	80	70	18	21	19	10	8	2	1	5
Mower	85	121	29	31	27	25	8	4	7	5
Murray	25	21	5	6	6	10	2	2	0	1
Nicollet	51	42	14	14	12	17	10	1	2	9
Nobles	53	37	11	7	8	10	4	2	5	2
Norman	19	23	7	10	7	2	7	5	3	0
Olmsted	244	240	57	78	57	56	16	11	7	14
Otter Tail	136	154	31	51	35	36	14	10	18	11
Pennington	30	34	9	4	9	7	4	1	2	4
Pine	58	53	24	7	26	6	10	8	4	3
Pipestone	19	32	5	8	6	12	5	1	3	3
Polk	76	66	13	25	21	19	9	6	6	1
Pope	18	27	5	9	1	5	3	1	1	3

Mortality Table 4. Cause-Specific Death Counts for Ten Leading Causes,¹ by State/County/CHB, Minnesota Residents, 2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
State of Minnesota	9,889	8,230	2,786	2,473	2,460	2,248	1,311	780	697	674
Ramsey	906	696	294	276	219	224	136	81	70	73
Red Lake	12	4	4	1	2	1	1	1	0	0
Redwood	35	46	13	4	9	19	8	1	4	5
Renville	36	37	10	8	12	5	9	2	2	1
Rice	122	128	42	20	32	27	17	4	8	7
Rock	29	34	3	10	10	4	2	1	4	4
Roseau	28	40	7	5	4	5	5	2	1	2
St. Louis	453	382	135	145	129	113	66	37	43	30
Scott	160	130	47	30	29	37	15	11	7	9
Sherburne	137	89	42	35	38	29	25	14	11	9
Sibley	25	26	9	4	6	5	6	2	1	2
Stearns	259	198	60	33	51	47	23	21	27	14
Steele	76	69	18	27	25	16	10	5	5	11
Stevens	16	25	4	4	1	6	3	0	1	1
Swift	20	26	13	2	13	7	3	0	4	0
Todd	42	33	18	7	10	10	10	1	1	2
Traverse	9	15	5	1	2	2	2	1	1	2
Wabasha	60	45	11	7	11	3	5	2	2	2
Wadena	42	37	17	12	18	13	13	3	8	3
Waseca	33	43	14	5	13	10	7	2	2	2
Washington	379	296	85	174	93	90	50	35	24	19
Watonwan	30	24	5	8	3	17	2	1	2	2
Wilkin	13	13	5	8	4	5	3	1	0	3
Winona	103	107	24	24	13	19	9	4	8	7
Wright	211	159	42	34	55	40	27	19	14	13
Yellow Medicine	31	27	7	9	6	9	1	3	2	0

Mortality Table 4. Cause-Specific Death Counts for Ten Leading Causes,¹ by State/County/CHB, Minnesota Residents, 2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
State of Minnesota	9,889	8,230	2,786	2,473	2,460	2,248	1,311	780	697	674
CHB - Aitkin, Itasca, Koochiching	208	160	65	32	56	39	21	20	17	12
CHB - Clearwater, Hubbard, Lake of the Woods	99	71	14	22	20	15	23	9	6	5
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	133	130	37	21	41	30	14	4	11	5
CHB - Brown, Nicollet	113	97	29	25	27	38	16	6	6	12
CHB - Carlton, Cook, Lake, St. Louis	569	485	161	168	168	153	91	47	51	36
CHB - Cottonwood, Jackson	51	58	11	9	8	16	10	0	5	8
CHB - Clay, Wilkin, Becker, Otter Tail	332	330	85	113	86	89	35	31	37	19
CHB - Douglas, Grant, Pope, Stevens, Traverse	135	180	36	40	41	31	21	10	11	16
CHB - Dodge, Steele	115	121	31	33	35	26	15	10	8	13
CHB - Fillmore, Houston	86	95	18	19	30	28	7	9	5	5
CHB - Faribault, Martin	101	97	21	15	28	20	13	5	7	6
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	102	114	27	11	22	21	14	6	5	10
CHB - Kandiyohi, Renville	124	104	27	26	30	21	16	6	6	8
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	179	188	39	39	44	68	26	10	14	15
CHB - LeSueur, Waseca	97	86	24	14	29	21	15	8	6	5
CHB - Meeker, McLeod, Sibley	169	154	33	41	39	22	24	9	11	7
CHB - Mahnomen, Norman, Polk	113	101	30	38	37	23	21	14	9	1
CHB - Morrison, Todd, Wadena	164	140	53	40	47	33	31	6	10	10

Mortality Table 4. Cause-Specific Death Counts for Ten Leading Causes,¹ by State/County/CHB, Minnesota Residents, 2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
State of Minnesota	9,889	8,230	2,786	2,473	2,460	2,248	1,311	780	697	674
Metro CHBs										
CHB - Bloomington	187	152	59	45	41	50	25	16	7	19
CHB - Edina	103	100	33	53	14	30	8	5	10	14
CHB - Minneapolis	543	396	240	90	114	130	95	47	32	34
CHB - Richfield	62	57	22	12	22	9	9	4	8	6
CHB - St. Paul	446	329	178	118	89	107	91	45	33	27

¹ These are the 10 leading causes of death for MN residents in 2017. The leading causes may change from year to year and are not necessarily the leading causes for each county or CHB.

Note: For 10 deaths, county of residence was missing, so they are not included in this table. Totals and rates may therefore be different than in the Annual Summary.

Mortality Table 5. Cause-Specific Crude Death Rates for 10 Leading Causes¹ by State/County/CHB, 2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
State of Minnesota	177.3	147.6	50.0	44.3	44.1	40.3	23.5	14.0	12.5	12.1
Aitkin	353.8	278.0	126.4	--	--	--	--	--	--	--
Anoka	164.8	106.7	41.3	26.2	44.1	27.6	21.1	13.7	--	9.4
Becker	217.0	184.8	--	61.6	79.2	64.5	--	--	--	--
Beltrami	206.4	167.7	70.9	53.7	49.4	45.1	47.3	--	--	--
Benton	155.2	165.3	50.1	82.6	--	--	--	--	--	--
Big Stone	397.9	397.9	--	--	--	--	--	--	--	--
Blue Earth	155.3	156.8	--	55.2	47.8	50.8	--	--	--	--
Brown	246.1	218.3	--	--	--	83.4	--	--	--	--
Carlton	177.5	208.5	--	--	73.2	59.2	56.3	--	--	--
Carver	112.6	86.2	28.4	29.4	24.5	24.5	--	--	--	--
Cass	228.2	173.7	74.9	--	78.4	--	--	--	--	--
Chippewa	325.5	317.2	--	--	--	--	--	--	--	--
Chisago	168.1	166.3	39.8	43.4	48.8	38.0	--	--	--	--
Clay	171.5	157.3	51.9	51.9	31.5	40.9	--	--	--	--
Clearwater	315.4	259.1	--	--	--	--	--	--	--	--
Cook	463.1	--	--	--	--	--	--	--	--	--
Cottonwood	203.6	283.3	--	--	--	--	--	--	--	--
Crow Wing	232.8	203.3	57.4	41.9	63.6	49.7	48.1	--	--	--
Dakota	149.4	95.8	40.8	40.8	35.6	32.5	15.6	14.0	9.7	8.1
Dodge	187.8	250.5	--	--	--	--	--	--	--	--
Douglas	199.6	247.5	55.9	66.5	85.2	--	--	--	--	--
Faribault	261.2	341.0	--	--	--	--	--	--	--	--
Fillmore	214.5	266.9	--	--	--	--	--	--	--	--
Freeborn	281.6	232.5	--	65.5	65.5	75.3	--	--	--	--
Goodhue	259.2	254.8	51.8	45.4	60.5	--	--	--	--	--
Grant	--	336.6	--	--	--	--	--	--	--	--
Hennepin	154.4	116.2	54.6	38.8	33.9	36.1	20.4	12.3	10.0	12.0
Houston	219.7	209.0	--	--	--	--	--	--	--	--
Hubbard	299.7	171.3	--	--	--	--	--	--	--	--
Isanti	194.5	161.7	50.5	--	58.1	--	--	--	--	--

Mortality Table 5. Cause-Specific Crude Death Rates for 10 Leading Causes¹ by State/County/CHB, 2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Itasca	254.8	210.5	84.2	51.0	86.4	57.6	--	--	--	--
Jackson	281.5	261.4	--	--	--	--	--	--	--	--
Kanabec	174.7	193.5	--	--	--	--	--	--	--	--
Kandiyohi	205.9	156.8	--	--	--	--	--	--	--	--
Kittson	--	--	--	--	--	--	--	--	--	--
Koochiching	295.3	167.6	--	--	--	--	--	--	--	--
Lac Qui Parle	344.1	--	--	--	--	--	--	--	--	--
Lake	266.1	218.5	--	--	--	--	--	--	--	--
Lake of the Woods	--	--	--	--	--	--	--	--	--	--
Le Sueur	227.7	153.0	--	--	--	--	--	--	--	--
Lincoln	--	--	--	--	--	--	--	--	--	--
Lyon	212.9	154.9	--	--	--	--	--	--	--	--
McLeod	220.2	209.0	--	86.4	64.1	--	--	--	--	--
Mahnomen	--	--	--	--	--	--	--	--	--	--
Marshall	224.5	235.1	--	--	--	--	--	--	--	--
Martin	327.5	251.9	--	--	--	--	--	--	--	--
Meeker	281.0	229.1	--	--	--	--	--	--	--	--
Mille Lacs	201.0	259.0	81.2	--	--	--	--	--	--	--
Morrison	242.0	211.7	--	63.5	--	--	--	--	--	--
Mower	214.8	305.8	73.3	78.4	68.2	63.2	--	--	--	--
Murray	299.5	251.6	--	--	--	--	--	--	--	--
Nicollet	150.2	123.7	--	--	--	--	--	--	--	--
Nobles	241.5	168.6	--	--	--	--	--	--	--	--
Norman	--	348.6	--	--	--	--	--	--	--	--
Olmsted	157.5	154.9	36.8	50.3	36.8	36.1	--	--	--	--
Otter Tail	233.1	263.9	53.1	87.4	60.0	61.7	--	--	--	--
Pennington	210.7	238.8	--	--	--	--	--	--	--	--
Pine	198.6	181.5	82.2	--	89.0	--	--	--	--	--
Pipestone	--	352.2	--	--	--	--	--	--	--	--
Polk	240.4	208.7	--	79.1	66.4	--	--	--	--	--
Pope	--	246.1	--	--	--	--	--	--	--	--

Mortality Table 5. Cause-Specific Crude Death Rates for 10 Leading Causes¹ by State/County/CHB, 2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Ramsey	165.3	127.0	53.7	50.4	40.0	40.9	24.8	14.8	12.8	13.3
Red Lake	--	--	--	--	--	--	--	--	--	--
Redwood	229.2	301.2	--	--	--	--	--	--	--	--
Renville	245.8	252.6	--	--	--	--	--	--	--	--
Rice	184.9	194.0	63.7	30.3	48.5	40.9	--	--	--	--
Rock	305.6	358.3	--	--	--	--	--	--	--	--
Roseau	182.7	261.0	--	--	--	--	--	--	--	--
St. Louis	226.5	191.0	67.5	72.5	64.5	56.5	33.0	18.5	21.5	15.0
Scott	109.7	89.1	32.2	20.6	19.9	25.4	--	--	--	--
Sherburne	144.9	94.1	44.4	37.0	40.2	30.7	26.4	--	--	--
Sibley	168.1	174.9	--	--	--	--	--	--	--	--
Stearns	164.1	125.5	38.0	20.9	32.3	29.8	14.6	13.3	17.1	--
Steele	206.0	187.1	--	73.2	67.8	--	--	--	--	--
Stevens	--	259.5	--	--	--	--	--	--	--	--
Swift	212.6	276.4	--	--	--	--	--	--	--	--
Todd	171.3	134.6	--	--	--	--	--	--	--	--
Traverse	--	--	--	--	--	--	--	--	--	--
Wabasha	277.7	208.3	--	--	--	--	--	--	--	--
Wadena	307.3	270.7	--	--	--	--	--	--	--	--
Waseca	175.7	228.9	--	--	--	--	--	--	--	--
Washington	147.8	115.5	33.2	67.9	36.3	35.1	19.5	13.7	9.4	--
Watonwan	276.8	221.4	--	--	--	--	--	--	--	--
Wilkin	--	--	--	--	--	--	--	--	--	--
Winona	202.5	210.3	47.2	47.2	--	--	--	--	--	--
Wright	157.1	118.4	31.3	25.3	41.0	29.8	20.1	--	--	--
Yellow Medicine	314.2	273.6	--	--	--	--	--	--	--	--

Mortality Table 5. Cause-Specific Crude Death Rates for 10 Leading Causes¹ by State/County/CHB, 2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
CHB - Aitkin, Itasca, Koochiching	283.0	217.7	88.4	43.5	76.2	53.1	28.6	27.2	--	--
CHB - Clearwater, Hubbard, Lake of the Woods	294.3	211.1	--	65.4	59.5	--	68.4	--	--	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	309.6	302.6	86.1	48.9	95.4	69.8	--	--	--	--
CHB - Brown, Nicollet	191.0	164.0	49.0	42.3	45.6	64.2	--	--	--	--
CHB - Carlton, Cook, Lake, St. Louis	226.3	192.9	64.0	66.8	66.8	60.9	36.2	18.7	20.3	14.3
CHB - Cottonwood, Jackson	240.1	273.1	--	--	--	--	--	--	--	--
CHB - Clay, Wilkin, Becker, Otter Tail	204.5	203.3	52.4	69.6	53.0	54.8	21.6	19.1	22.8	--
CHB - Douglas, Grant, Pope, Stevens, Traverse	200.2	266.9	53.4	59.3	60.8	46.0	31.1	--	--	--
CHB - Dodge, Steele	199.5	209.9	53.8	57.2	60.7	45.1	--	--	--	--
CHB - Fillmore, Houston	217.0	239.7	--	--	75.7	70.6	--	--	--	--
CHB - Faribault, Martin	300.3	288.4	62.4	--	83.2	59.5	--	--	--	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	216.1	241.5	57.2	--	46.6	44.5	--	--	--	--
CHB - Kandiyohi, Renville	216.1	181.2	47.0	45.3	52.3	36.6	--	--	--	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	242.9	255.1	52.9	52.9	59.7	92.3	35.3	--	--	--
CHB - LeSueur, Waseca	206.8	183.4	51.2	--	61.8	44.8	--	--	--	--
CHB - Meeker, McLeod, Sibley	228.7	208.4	44.7	55.5	52.8	29.8	32.5	--	--	--
CHB - Mahnomen, Norman, Polk	257.9	230.5	68.5	86.7	84.5	52.5	47.9	--	--	--
CHB - Morrison, Todd, Wadena	230.2	196.5	74.4	56.1	66.0	46.3	43.5	--	--	--

Mortality Table 5. Cause-Specific Crude Death Rates for 10 Leading Causes¹ by State/County/CHB, 2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
Metro CHBs										
CHB - Bloomington	218.9	178.0	69.1	52.7	48.0	58.5	29.3	--	--	--
CHB - Edina	203.5	197.6	65.2	104.7	--	59.3	--	--	--	--
CHB - Minneapolis	132.0	96.2	58.3	21.9	27.7	31.6	23.1	11.4	7.8	8.3
CHB - Richfield	172.3	158.4	61.1	--	61.1	--	--	--	--	--
CHB - St. Paul	148.3	109.4	59.2	39.2	29.6	35.6	30.3	15.0	11.0	9.0

¹ These are the 10 leading causes of death for MN residents in 2017. The leading causes may change from year to year and are not necessarily the leading causes for Crude death rate - the total number of deaths per 100,000 persons.

-- Rates not calculated for fewer than 20 deaths.

Note: For 10 deaths, county of residence was missing, so they are not included in this table. Totals and rates may therefore be different than in the Annual Summary.

Mortality Table 6. Cause-Specific Death Counts (5 years) for 10 Leading Causes by State/County/CHB, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
State of Minnesota	48,835	39,084	12,895	9,308	11,617	10,814	5,832	3,100	2,835	2,584
Aitkin	293	206	78	--	59	56	37	--	--	--
Anoka	2,748	1,651	621	375	658	434	303	252	103	127
Becker	380	296	95	79	106	96	55	28	27	--
Beltrami	428	335	120	110	114	81	77	49	47	20
Benton	333	306	101	150	67	100	59	33	23	40
Big Stone	82	84	21	--	--	26	--	--	--	--
Blue Earth	505	455	105	150	129	131	71	48	33	44
Brown	335	293	63	42	71	93	51	--	27	--
Carlton	426	407	102	41	116	87	89	30	35	27
Carver	600	412	141	80	136	99	60	58	49	41
Cass	400	279	104	32	101	76	48	32	29	--
Chippewa	184	167	46	30	57	47	--	--	--	--
Chisago	456	417	126	118	109	92	68	34	41	27
Clay	517	437	144	156	120	99	50	37	60	38
Clearwater	117	109	35	--	27	32	30	--	--	--
Cook	75	50	--	--	--	--	--	--	--	--
Cottonwood	137	195	32	21	30	37	29	--	--	--
Crow Wing	786	582	201	98	191	165	98	56	45	42
Dakota	3,081	1,986	821	630	652	642	350	255	160	180
Dodge	178	206	51	32	42	32	--	--	--	--
Douglas	470	436	86	58	122	120	56	23	45	34
Faribault	202	219	34	24	66	46	40	--	--	--
Fillmore	243	291	70	48	65	87	22	--	--	--
Freeborn	418	393	93	78	99	103	45	--	30	29
Goodhue	538	565	166	84	119	135	56	36	25	48
Grant	81	94	--	--	26	--	--	--	--	--
Hennepin	9,504	6,736	2,949	1,728	2,139	2,125	1,121	690	632	675
Houston	200	193	60	28	46	50	23	--	--	--
Hubbard	274	188	56	50	62	42	39	--	--	--
Isanti	369	281	100	74	108	82	38	29	--	27

Mortality Table 6. Cause-Specific Death Counts (5 years) for 10 Leading Causes by State/County/CHB, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Itasca	611	538	190	98	184	138	61	60	60	--
Jackson	142	119	25	--	20	26	--	--	--	--
Kanabec	173	132	53	--	66	31	28	--	--	--
Kandiyohi	435	358	112	86	85	105	50	25	29	26
Kittson	58	72	--	--	--	24	--	--	--	--
Koochiching	199	148	44	--	38	35	26	--	--	--
Lac Qui Parle	94	106	21	--	22	21	--	--	--	--
Lake	145	120	24	65	43	42	--	--	--	--
Lake of the Woods	48	57	--	--	--	--	--	--	--	--
Le Sueur	262	267	69	43	50	57	33	--	--	--
Lincoln	80	78	--	27	--	33	--	--	--	--
Lyon	266	217	58	44	67	48	26	--	22	--
McLeod	368	379	85	89	83	108	67	22	28	23
Mahnomen	75	73	31	--	22	--	--	--	--	--
Marshall	92	104	27	--	24	--	--	--	--	--
Martin	296	334	67	23	75	45	22	--	22	--
Meeker	264	214	52	30	67	62	54	24	--	--
Mille Lacs	310	288	96	41	104	60	44	27	35	--
Morrison	359	297	107	80	80	93	54	--	24	--
Mower	447	449	128	123	129	100	47	--	23	25
Murray	108	111	32	20	37	36	--	--	--	--
Nicollet	257	227	59	47	50	60	32	--	--	31
Nobles	242	213	40	24	49	42	36	--	--	--
Norman	88	100	26	43	30	20	--	--	--	--
Olmsted	1,110	1,146	371	291	276	247	81	75	72	74
Otter Tail	727	778	147	223	188	190	60	63	75	48
Pennington	137	140	28	--	38	35	29	--	--	--
Pine	362	260	92	27	110	58	51	32	21	--
Pipestone	117	115	20	58	28	38	--	--	--	--
Polk	329	342	95	125	91	100	66	30	32	23
Pope	116	151	28	30	26	38	20	--	--	--

Mortality Table 6. Cause-Specific Death Counts (5 years) for 10 Leading Causes by State/County/CHB, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Ramsey	4,456	3,360	1,295	1,112	1,060	1,195	617	335	301	319
Red Lake	42	39	--	--	--	--	--	--	--	--
Redwood	199	203	53	28	56	61	37	--	24	--
Renville	171	198	56	25	61	48	41	--	--	--
Rice	564	457	140	85	148	154	55	29	35	43
Rock	122	135	30	45	41	28	--	--	--	--
Roseau	152	168	30	21	34	44	--	--	--	--
St. Louis	2,354	1,938	597	535	660	503	345	185	195	123
Scott	802	569	226	114	168	168	97	68	39	51
Sherburne	628	403	175	125	151	119	84	65	38	45
Sibley	166	166	46	--	34	33	35	--	--	--
Stearns	1,246	968	305	165	236	248	124	95	103	83
Steele	334	317	87	68	94	77	47	21	29	25
Stevens	91	115	25	--	--	24	--	--	--	--
Swift	108	141	38	--	39	31	22	--	--	--
Todd	263	239	67	21	71	58	39	--	24	--
Traverse	37	71	--	--	--	--	--	--	--	--
Wabasha	258	231	58	29	58	51	26	--	--	--
Wadena	210	202	49	52	70	59	50	--	25	--
Waseca	191	172	45	24	47	42	36	--	--	21
Washington	1,981	1,309	412	635	437	392	209	136	80	129
Watonwan	126	152	27	--	35	47	--	--	--	--
Wilkin	86	92	--	21	30	25	--	--	--	--
Winona	493	457	126	77	109	103	29	33	38	30
Wright	947	667	230	145	217	164	137	85	50	66
Yellow Medicine	131	113	30	28	42	33	--	--	--	--

Mortality Table 6. Cause-Specific Death Counts (5 years) for 10 Leading Causes by State/County/CHB, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
CHB - Aitkin, Itasca, Koochiching	1,103	892	312	131	281	229	124	87	90	37
CHB - Clearwater, Hubbard, Lake of the Woods	439	354	97	76	102	85	76	31	29	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	599	611	156	83	178	158	75	34	60	30
CHB - Brown, Nicollet	592	520	122	89	121	153	83	35	45	47
CHB - Carlton, Cook, Lake, St. Louis	3,000	2,515	737	643	837	644	460	230	248	168
CHB - Cottonwood, Jackson	279	314	57	37	50	63	40	--	20	--
CHB - Clay, Wilkin, Becker, Otter Tail	1,710	1,603	397	479	444	410	179	129	174	115
CHB - Douglas, Grant, Pope, Stevens, Traverse	795	867	163	117	191	211	109	36	75	57
CHB - Dodge, Steele	512	523	138	100	136	109	59	34	43	32
CHB - Fillmore, Houston	443	484	130	76	111	137	45	27	29	24
CHB - Faribault, Martin	498	553	101	47	141	91	62	27	31	32
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	481	523	103	49	116	127	81	34	43	37
CHB - Kandiyohi, Renville	606	556	168	111	146	153	91	33	45	40
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	892	859	210	222	245	244	115	56	85	56
CHB - LeSueur, Waseca	453	439	114	67	97	99	69	33	24	35
CHB - Meeke, McLeod, Sibley	798	759	183	137	184	203	156	53	53	41
CHB - Mahnomen, Norman, Polk	492	515	152	173	143	125	102	43	41	30
CHB - Morrison, Todd, Wadena	832	738	223	153	221	210	143	47	73	26

Mortality Table 6. Cause-Specific Death Counts (5 years) for 10 Leading Causes by State/County/CHB, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Metro CHBs										
CHB - Bloomington	945	707	258	172	235	250	96	70	53	102
CHB - Edina	485	390	150	160	87	158	43	26	41	42
CHB - Minneapolis	2,591	1,893	1,011	345	608	576	393	234	176	146
CHB - Richfield	335	253	105	47	87	71	50	17	29	12
CHB - St. Paul	2,211	1,596	748	453	543	585	360	180	144	106

¹ Due to small numbers of events for some of the specific causes, five years of data used for age-adjusted death rates; See Table 7.

Mortality Table 7. Age-Adjusted¹ Cause-Specific Death Rates for 10 Leading Causes by State/County/CHB, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
State of Minnesota	151.0	116.8	42.4	27.8	36.3	32.7	18.9	12.9	9.9	9.6
Aitkin	184.3	132.0	74.6	--	38.1	34.0	22.1	--	--	--
Anoka	158.5	105.9	38.2	26.8	41.3	28.5	17.8	14.2	6.5	8.7
Becker	157.0	125.3	49.1	31.8	43.3	38.4	22.7	18.5	11.2	--
Beltrami	161.4	129.3	53.6	39.6	42.7	29.9	31.8	22.6	17.7	7.3
Benton	144.0	122.1	44.0	51.9	30.0	42.6	23.6	17.3	8.9	16.9
Big Stone	160.5	133.7	59.4	--	--	39.1	--	--	--	--
Blue Earth	143.0	118.7	30.1	36.1	35.5	34.7	19.5	14.5	8.2	12.3
Brown	157.5	122.7	35.2	15.3	31.9	38.0	23.2	--	11.7	--
Carlton	181.4	171.0	52.0	17.3	49.4	36.8	38.1	16.9	15.3	11.9
Carver	133.0	96.1	31.9	19.0	33.7	22.9	14.0	10.8	11.2	10.3
Cass	167.9	125.2	68.8	14.2	40.5	33.6	20.1	21.0	15.0	--
Chippewa	186.5	147.5	52.8	25.6	51.6	39.7	--	--	--	--
Chisago	142.0	137.1	43.8	39.5	36.4	30.9	21.9	12.2	13.0	9.3
Clay	159.6	123.0	44.4	41.4	37.1	28.4	15.6	11.9	17.5	10.7
Clearwater	177.6	170.7	73.1	--	40.0	48.1	44.8	--	--	--
Cook	171.1	117.3	--	--	--	--	--	--	--	--
Cottonwood	137.5	168.9	42.8	15.0	28.5	30.6	23.9	--	--	--
Crow Wing	162.2	117.9	51.7	19.1	37.4	32.0	20.1	17.7	9.3	8.4
Dakota	144.0	94.3	39.6	30.9	32.5	31.4	16.3	12.3	7.6	9.2
Dodge	156.8	175.5	44.2	26.0	39.1	27.2	--	--	--	--
Douglas	158.0	132.2	37.8	16.1	36.8	33.7	18.0	12.5	13.7	10.4
Faribault	168.9	151.2	42.3	14.8	47.3	32.9	32.5	--	--	--
Fillmore	147.8	147.1	46.8	21.9	36.6	41.0	11.6	--	--	--
Freeborn	166.1	137.1	40.6	26.5	37.2	36.5	19.2	--	9.5	10.1
Goodhue	154.1	149.4	52.5	21.9	33.3	35.9	15.7	16.7	6.8	13.0
Grant	161.8	165.1	--	--	47.1	--	--	--	--	--
Hennepin	146.4	99.8	44.8	25.2	33.3	31.9	17.1	10.7	9.3	10.8
Houston	137.8	117.5	48.3	15.6	29.3	28.5	14.5	--	--	--
Hubbard	157.1	111.6	45.1	30.7	36.3	25.9	23.0	--	--	--
Isanti	158.9	125.3	48.0	33.5	46.6	37.2	16.4	16.0	--	12.5

Mortality Table 7. Age-Adjusted¹ Cause-Specific Death Rates for 10 Leading Causes by State/County/CHB, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Itasca	171.5	146.7	64.2	25.2	49.3	36.9	16.9	27.1	15.5	--
Jackson	170.5	124.1	37.7	--	21.2	23.5	--	--	--	--
Kanabec	153.6	122.1	59.0	--	58.4	28.4	24.7	--	--	--
Kandiyohi	149.6	107.6	43.1	24.4	26.4	30.5	16.5	11.4	8.9	7.5
Kittson	142.0	154.7	--	--	--	52.8	--	--	--	--
Koochiching	182.1	130.8	53.7	--	33.4	31.8	22.9	--	--	--
Lac Qui Parle	141.3	134.2	41.1	--	26.7	27.2	--	--	--	--
Lake	152.6	119.9	33.6	52.8	38.7	41.3	--	--	--	--
Lake of the Woods	142.2	168.5	--	--	--	--	--	--	--	--
Le Sueur	149.8	156.2	45.0	25.0	28.5	32.7	18.3	--	--	--
Lincoln	141.8	114.6	--	30.3	--	46.6	--	--	--	--
Lyon	172.1	118.9	38.0	23.4	43.1	27.3	16.0	--	11.9	--
McLeod	150.1	134.8	36.0	28.6	31.0	38.1	24.9	13.0	9.5	8.8
Mahnomen	207.9	207.9	134.8	--	59.9	--	--	--	--	--
Marshall	127.6	131.8	44.9	--	30.1	--	--	--	--	--
Martin	170.8	162.6	42.5	9.1	40.5	19.3	12.5	--	9.5	--
Meeker	159.8	123.2	37.8	16.4	38.4	36.3	31.6	20.7	--	--
Mille Lacs	173.1	151.4	66.6	20.5	56.7	32.8	23.8	19.0	18.4	--
Morrison	155.2	121.3	51.9	29.8	33.4	37.2	23.6	--	10.2	--
Mower	158.2	136.8	49.6	33.4	42.7	29.0	16.2	--	6.6	7.3
Murray	151.1	118.8	56.9	20.5	41.4	40.2	--	--	--	--
Nicollet	132.8	115.1	32.3	22.9	25.1	28.5	16.0	--	--	15.6
Nobles	177.8	134.2	30.4	13.7	34.9	27.2	25.2	--	--	--
Norman	157.7	158.8	65.4	56.0	47.7	29.1	--	--	--	--
Olmsted	125.7	121.5	42.9	29.6	30.3	26.3	9.2	9.8	7.5	8.1
Otter Tail	147.2	148.0	38.3	37.5	36.3	35.0	11.8	23.7	13.0	8.7
Pennington	145.9	136.1	34.0	--	38.6	31.0	28.6	--	--	--
Pine	173.0	128.2	55.4	13.7	53.5	28.6	24.3	23.4	10.6	--
Pipestone	151.8	127.9	27.6	53.8	29.9	39.3	--	--	--	--
Polk	151.8	139.4	54.3	49.7	40.2	40.2	31.5	21.5	13.0	10.0
Pope	120.9	128.8	33.6	24.6	25.0	34.9	18.6	--	--	--

Mortality Table 7. Age-Adjusted¹ Cause-Specific Death Rates for 10 Leading Causes by State/County/CHB, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Ramsey	152.3	110.0	44.7	34.9	36.4	39.8	21.3	12.3	9.8	11.2
Red Lake	146.4	123.0	--	--	--	--	--	--	--	--
Redwood	159.4	141.6	60.4	16.2	38.6	42.0	32.4	--	17.8	--
Renville	143.0	147.4	55.3	15.8	44.2	35.0	29.7	--	--	--
Rice	149.0	117.4	39.0	21.4	39.5	39.9	14.8	10.0	8.9	11.7
Rock	157.7	148.4	53.0	44.4	47.4	27.4	--	--	--	--
Roseau	151.2	161.7	35.5	19.8	34.7	41.8	--	--	--	--
St. Louis	170.4	133.4	52.3	35.2	46.8	34.4	24.5	18.5	13.4	8.7
Scott	136.5	106.5	39.5	22.8	32.7	33.0	18.8	9.9	7.9	10.4
Sherburne	157.8	106.5	41.6	35.8	41.2	33.5	21.9	14.2	10.5	13.4
Sibley	157.7	138.6	51.9	--	30.1	28.8	31.4	--	--	--
Stearns	147.0	111.6	38.0	18.9	27.5	28.1	14.1	12.2	11.7	9.7
Steele	138.1	116.3	39.5	24.7	37.5	28.8	19.0	10.3	11.1	9.3
Stevens	141.3	145.4	39.8	--	--	31.9	--	--	--	--
Swift	135.6	156.9	66.3	--	48.1	29.5	24.5	--	--	--
Todd	149.6	134.0	45.8	11.4	39.9	33.3	21.6	--	12.7	--
Traverse	99.2	167.5	--	--	--	--	--	--	--	--
Wabasha	162.6	138.5	40.0	16.8	35.2	30.7	16.7	--	--	--
Wadena	187.0	170.0	58.9	35.7	57.3	45.6	42.5	--	19.5	--
Waseca	155.8	116.5	35.4	17.6	38.1	31.1	27.0	--	--	14.6
Washington	146.7	100.2	32.7	49.8	34.3	30.3	15.5	10.5	6.1	10.5
Watonwan	148.7	160.6	41.8	--	37.1	44.1	--	--	--	--
Wilkin	180.6	182.3	--	38.1	58.5	48.5	--	--	--	--
Winona	159.1	137.6	44.9	22.2	34.8	31.4	9.5	14.3	10.9	9.2
Wright	152.2	111.9	37.9	25.7	37.7	28.8	23.3	13.0	8.8	12.1
Yellow Medicine	159.0	121.5	36.7	27.0	45.4	35.8	--	--	--	--

Mortality Table 7. Age-Adjusted¹ Cause-Specific Death Rates for 10 Leading Causes by State/County/CHB, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
CHB - Aitkin, Itasca, Koochiching	176.5	139.6	64.4	19.6	43.2	35.5	19.4	24.3	14.0	5.7
CHB - Clearwater, Hubbard, Lake of the Woods	159.1	133.0	51.2	28.6	37.5	31.9	28.3	20.2	11.2	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	157.9	139.7	50.7	17.6	41.9	34.4	18.3	16.7	11.7	6.5
CHB - Brown, Nicollet	145.4	119.6	33.4	18.6	28.7	34.1	19.7	11.8	9.9	10.6
CHB - Carlton, Cook, Lake, St. Louis	170.2	136.2	51.1	33.3	46.4	34.9	26.0	18.1	13.7	9.4
CHB - Cottonwood, Jackson	151.6	148.4	40.1	16.0	25.1	27.3	18.6	--	9.0	--
CHB - Clay, Wilkin, Becker, Otter Tail	153.9	136.8	42.2	37.5	38.8	34.3	16.1	16.5	14.8	9.6
CHB - Douglas, Grant, Pope, Stevens, Traverse	146.1	138.3	36.8	16.7	31.4	32.4	18.9	11.2	12.0	9.2
CHB - Dodge, Steele	144.2	134.3	40.6	25.0	38.0	28.2	16.2	11.5	11.7	8.3
CHB - Fillmore, Houston	142.7	133.8	48.0	19.0	33.1	35.3	12.9	14.5	7.3	6.9
CHB - Faribault, Martin	170.1	157.8	42.2	11.5	43.3	25.0	20.8	16.1	8.0	9.1
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	143.3	143.9	37.4	12.2	33.1	33.1	22.9	15.6	11.1	10.2
CHB - Kandiyohi, Renville	147.6	118.5	46.5	21.8	31.8	31.7	20.4	11.3	9.5	8.3
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	158.5	127.7	45.3	29.3	38.8	36.0	19.9	14.7	12.2	8.7
CHB - LeSueur, Waseca	150.5	139.3	41.5	20.6	31.8	31.1	21.9	14.1	7.9	11.6
CHB - Meecker, McLeod, Sibley	154.7	131.7	39.7	22.1	33.2	35.7	28.3	14.7	8.9	7.5
CHB - Mahnomen, Norman, Polk	159.5	150.5	64.5	47.3	44.2	35.2	33.8	22.6	12.2	9.3
CHB - Morrison, Todd, Wadena	159.3	135.3	50.9	25.7	40.7	37.8	27.0	13.6	13.0	4.7

Mortality Table 7. Age-Adjusted¹ Cause-Specific Death Rates for 10 Leading Causes by State/County/CHB, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Metro CHBs										
CHB - Bloomington	146.9	103.8	42.7	23.6	34.9	35.7	15.0	14.6	7.7	14.8
CHB - Edina	116.8	81.4	36.3	31.8	18.4	31.6	10.3	10.8	8.9	8.9
CHB - Minneapolis	168.8	123.3	56.8	24.4	41.8	39.1	25.2	11.6	11.9	11.0
CHB - Richfield	151.2	96.5	44.5	15.0	37.7	28.4	22.3	--	10.7	--
CHB - St. Paul	181.1	129.4	55.5	37.6	46.6	49.3	30.3	12.1	11.5	9.4

¹ Age adjusted death rate - the total number of deaths per 100,000 persons, age adjusted to the 2000 U.S standard population.

NOTE: Due to small numbers of events for some of the specific causes, age-adjusted rates are based on **5 years of cause-specific data** for each geography (see Table 6)

-- Rates not calculated for fewer than 20 deaths in the 5-year period.

Mortality Table 8. Premature Deaths (Under age 75) for 10 Leading Causes by State/County/CHB, Minnesota, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
State of Minnesota	25,663	11,587	7,287	568	3,998	2,430	2,832	3,395	849	421
Aitkin	149	51	45	3	27	13	16	15	3	0
Anoka	1,663	596	420	25	279	131	177	244	44	24
Becker	187	105	55	6	38	24	15	28	11	4
Beltrami	237	128	87	7	48	23	38	48	14	1
Benton	171	77	60	4	18	23	14	32	9	6
Big Stone	24	16	12	0	3	4	1	3	1	1
Blue Earth	247	128	63	6	53	33	29	46	7	4
Brown	129	49	33	4	14	7	15	16	4	1
Carlton	207	113	70	1	37	21	53	29	11	5
Carver	341	110	72	9	43	22	21	57	8	5
Cass	211	123	73	4	45	27	30	29	12	1
Chippewa	86	33	17	3	14	11	8	10	0	3
Chisago	278	129	85	9	36	25	30	32	16	6
Clay	280	146	92	10	52	21	25	35	18	2
Clearwater	77	46	23	2	10	5	7	8	6	0
Cook	45	10	8	0	8	2	3	3	0	1
Cottonwood	60	37	18	1	13	7	9	6	1	0
Crow Wing	413	168	112	7	70	40	45	53	15	6
Dakota	1,718	641	401	35	203	134	177	243	52	22
Dodge	102	52	25	4	11	9	4	12	4	1
Douglas	235	102	56	3	31	14	19	20	9	6
Faribault	99	50	26	0	19	13	18	12	2	2
Fillmore	111	41	30	4	24	10	6	15	2	1
Freeborn	206	85	39	9	28	23	22	16	4	4
Goodhue	253	139	69	5	40	31	29	34	4	8
Grant	40	27	4	1	9	2	3	3	1	1
Hennepin	5,049	2,198	1,542	97	719	543	595	647	174	100
Houston	82	42	36	2	13	7	7	11	0	2
Hubbard	154	57	28	2	24	10	16	16	2	3
Isanti	215	86	64	5	52	18	22	28	3	3

Mortality Table 8. Premature Deaths (Under age 75) for 10 Leading Causes by State/County/CHB, Minnesota, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
Itasca	330	209	87	11	71	32	32	55	10	5
Jackson	50	30	11	1	7	0	3	5	1	1
Kanabec	90	43	28	3	31	7	11	13	5	2
Kandiyohi	203	86	64	6	23	19	20	22	5	2
Kittson	22	16	9	0	1	5	4	5	2	1
Koochiching	100	50	27	3	17	7	13	10	2	3
Lac Qui Parle	45	24	12	0	2	3	0	3	4	1
Lake	67	40	13	3	15	10	6	9	3	2
Lake of the Woods	24	14	5	0	2	2	1	6	0	0
Le Sueur	122	74	40	2	15	13	12	16	3	0
Lincoln	30	14	11	0	7	3	2	3	0	1
Lyon	126	44	31	2	19	11	12	16	4	1
McLeod	202	92	36	0	24	21	21	22	4	3
Mahnomen	45	29	26	0	14	1	7	6	2	1
Marshall	43	26	18	0	11	2	5	1	2	1
Martin	139	76	30	1	26	4	8	13	0	4
Meeker	127	48	28	4	18	12	21	23	4	1
Mille Lacs	176	80	63	2	36	13	25	23	10	2
Morrison	184	83	55	2	33	18	14	15	8	1
Mower	206	95	60	8	33	12	17	19	4	4
Murray	61	18	14	1	8	4	5	5	1	0
Nicollet	119	61	37	2	15	17	14	14	0	5
Nobles	105	52	21	1	16	7	15	6	3	2
Norman	41	32	16	1	7	4	7	7	2	0
Olmsted	576	295	190	17	91	51	43	70	19	10
Otter Tail	349	241	89	9	66	29	17	59	12	8
Pennington	66	47	14	1	14	7	12	6	4	2
Pine	203	95	61	2	44	23	29	31	6	1
Pipestone	52	30	9	2	3	6	4	5	0	2
Polk	160	103	65	11	31	17	35	28	8	4
Pope	58	26	13	1	4	9	4	7	0	0

Mortality Table 8. Premature Deaths (Under age 75) for 10 Leading Causes by State/County/CHB, Minnesota, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Ramsey	2,344	1,054	766	69	392	287	306	314	103	41
Red Lake	23	16	3	0	1	2	1	4	0	0
Redwood	87	55	31	0	9	12	15	16	5	2
Renville	73	60	32	1	14	12	15	8	4	1
Rice	287	133	68	3	50	20	28	28	6	8
Rock	52	29	18	2	7	3	2	5	1	2
Roseau	75	49	20	1	11	2	7	15	1	1
St. Louis	1,251	604	381	34	246	99	166	167	53	10
Scott	493	190	120	12	56	38	37	65	7	12
Sherburne	372	136	123	6	61	25	37	64	10	5
Sibley	80	38	29	1	8	6	10	6	3	0
Stearns	601	269	184	11	76	60	58	93	28	13
Steele	162	74	43	7	27	17	17	20	6	2
Stevens	40	22	9	0	0	3	1	0	1	0
Swift	38	34	22	1	15	5	5	2	0	1
Todd	126	80	39	3	17	11	14	15	6	0
Traverse	9	13	10	1	0	2	5	3	1	0
Wabasha	125	64	17	3	20	15	10	12	2	1
Wadena	99	68	27	0	20	12	20	11	7	1
Waseca	86	40	20	0	22	5	12	13	2	0
Washington	1,089	385	232	38	128	91	103	128	19	16
Watonwan	64	42	17	2	8	8	6	9	1	0
Wilkin	43	19	7	1	8	4	5	1	4	0
Winona	260	122	76	0	29	23	19	28	6	2
Wright	535	212	135	6	74	37	53	83	7	10
Yellow Medicine	59	21	10	2	14	9	7	11	1	0

Mortality Table 8. Premature Deaths (Under age 75) for 10 Leading Causes by State/County/CHB, Minnesota, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
CHB - Aitkin, Itasca, Koochiching	579	310	159	17	115	52	61	80	15	8
CHB - Clearwater, Hubbard, Lake of the Woods	255	117	56	4	36	17	24	30	8	3
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	252	128	73	6	48	32	21	29	6	6
CHB - Brown, Nicollet	248	110	70	6	29	24	29	30	4	6
CHB - Carlton, Cook, Lake, St. Louis	1,570	767	472	38	306	132	228	208	67	18
CHB - Cottonwood, Jackson	110	67	29	2	20	7	12	11	2	1
CHB - Clay, Wilkin, Becker, Otter Tail	859	511	243	26	164	78	62	123	45	14
CHB - Douglas, Grant, Pope, Stevens, Traverse	382	190	92	6	44	30	32	33	12	7
CHB - Dodge, Steele	264	126	68	11	38	26	21	32	10	3
CHB - Fillmore, Houston	193	83	66	6	37	17	13	26	2	3
CHB - Faribault, Martin	238	126	56	1	45	17	26	25	2	6
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	229	154	64	2	38	18	29	31	9	5
CHB - Kandiyohi, Renville	276	146	96	7	37	31	35	30	9	3
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	408	190	114	7	53	39	40	50	11	8
CHB - LeSueur, Waseca	208	114	60	2	37	18	24	29	5	0
CHB - Meeke, McLeod, Sibley	409	178	93	5	50	39	52	51	11	4
CHB - Mahnomen, Norman, Polk	246	164	107	12	52	22	49	41	12	5
CHB - Morrison, Todd, Wadena	409	231	121	5	70	41	48	41	21	2

Mortality Table 8. Premature Deaths (Under age 75) for 10 Leading Causes by State/County/CHB, Minnesota, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Metro CHBs										
CHB - Bloomington	417	167	91	8	59	49	45	60	12	18
CHB - Edina	158	48	37	8	10	14	17	25	6	4
CHB - Minneapolis	1,621	878	738	23	298	211	263	224	61	24
CHB - Richfield	180	67	54	1	28	20	19	17	2	1
CHB - St. Paul	1,312	600	517	34	246	170	194	173	56	19

¹Due to small numbers of events for some of the specific causes for deaths < 75 years, five years of data used for age-adjusted premature death rates; See Table 9.

Mortality Table 9. Age-Adjusted¹ Cause-Specific Premature (<75 yrs) Death Rates for 10 Leading Causes by State/County/CHB, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
State of Minnesota	74.5	34.5	25.3	1.6	11.4	7.2	8.3	12.2	2.6	1.2
Aitkin	94.9	35.5	54.1	--	18.2	--	--	--	--	--
Anoka	77.4	28.4	23.5	1.2	13.0	6.3	8.4	13.6	2.1	1.1
Becker	74.1	45.7	32.5	--	14.5	8.7	--	18.5	--	--
Beltrami	86.5	53.1	41.3	--	16.7	8.5	16.5	22.2	--	--
Benton	74.4	34.1	28.9	--	--	10.6	--	16.8	--	--
Big Stone	66.5	--	--	--	--	--	--	--	--	--
Blue Earth	71.9	38.7	19.8	--	15.4	10.0	7.9	13.9	--	--
Brown	71.6	29.1	23.8	--	--	--	--	--	--	--
Carlton	84.4	46.6	38.5	--	14.3	8.3	22.1	16.4	--	--
Carver	62.7	20.3	14.9	--	8.5	4.1	3.9	10.5	--	--
Cass	81.5	53.3	54.5	--	14.9	11.1	11.8	19.6	--	--
Chippewa	100.3	42.6	--	--	--	--	--	--	--	--
Chisago	76.0	37.0	29.2	--	10.0	7.6	8.3	11.5	--	--
Clay	87.8	45.8	30.4	--	16.3	6.9	8.1	11.4	--	--
Clearwater	115.9	77.4	54.9	--	--	--	--	--	--	--
Cook	97.7	--	--	--	--	--	--	--	--	--
Cottonwood	73.0	53.5	--	--	--	--	--	--	--	--
Crow Wing	84.8	36.4	34.2	--	12.7	7.5	9.2	17.0	--	--
Dakota	68.5	25.9	18.4	1.5	8.1	5.5	7.1	11.6	2.1	0.9
Dodge	85.6	43.2	23.0	--	--	--	--	--	--	--
Douglas	85.9	39.0	28.6	--	9.6	--	--	11.5	--	--
Faribault	92.8	48.5	37.5	--	--	--	--	--	--	--
Fillmore	73.7	26.0	27.6	--	14.8	--	--	--	--	--
Freeborn	90.7	37.8	23.1	--	12.6	10.1	10.6	--	--	--
Goodhue	74.4	41.7	27.3	--	11.4	9.3	8.8	16.0	--	--
Grant	94.0	65.9	--	--	--	--	--	--	--	--
Hennepin	70.5	31.4	23.6	1.4	10.1	7.7	8.4	10.0	2.6	1.4
Houston	59.6	30.4	33.1	--	--	--	--	--	--	--
Hubbard	85.1	31.1	28.0	--	13.2	--	--	--	--	--
Isanti	85.3	35.3	31.3	--	19.9	--	8.9	15.5	--	--

Mortality Table 9. Age-Adjusted¹ Cause-Specific Premature (<75 yrs) Death Rates for 10 Leading Causes by State/County/CHB, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Itasca	90.7	57.9	37.8	--	17.9	8.8	9.0	25.7	--	--
Jackson	74.3	42.8	--	--	--	--	--	--	--	--
Kanabec	72.9	36.9	35.0	--	24.6	--	--	--	--	--
Kandiyohi	73.0	30.3	29.1	--	7.5	--	7.4	10.4	--	--
Kittson	61.7	--	--	--	--	--	--	--	--	--
Koochiching	90.1	45.2	38.6	--	--	--	--	--	--	--
Lac Qui Parle	84.4	43.4	--	--	--	--	--	--	--	--
Lake	81.0	52.6	--	--	--	--	--	--	--	--
Lake of the Woods	68.5	--	--	--	--	--	--	--	--	--
Le Sueur	64.0	39.8	27.4	--	--	--	--	--	--	--
Lincoln	68.4	--	--	--	--	--	--	--	--	--
Lyon	85.3	29.4	24.1	--	--	--	--	--	--	--
McLeod	86.2	38.9	19.4	--	9.4	8.5	8.7	13.0	--	--
Mahnomen	121.3	87.0	121.0	--	--	--	--	--	--	--
Marshall	65.0	42.8	--	--	--	--	--	--	--	--
Martin	91.2	52.2	26.3	--	17.0	--	--	--	--	--
Meeker	77.8	30.9	24.3	--	--	--	12.9	20.0	--	--
Mille Lacs	98.8	45.6	49.7	--	19.5	--	13.6	16.8	--	--
Morrison	79.3	37.1	31.5	--	13.7	--	--	--	--	--
Mower	83.4	39.5	30.4	--	12.3	--	--	--	--	--
Murray	97.1	--	--	--	--	--	--	--	--	--
Nicollet	58.0	31.2	21.0	--	--	--	--	--	--	--
Nobles	82.8	40.2	19.4	--	--	--	--	--	--	--
Norman	86.8	63.4	--	--	--	--	--	--	--	--
Olmsted	64.3	32.5	24.0	--	9.8	5.7	4.8	9.2	--	--
Otter Tail	73.9	54.6	27.8	--	12.9	6.4	--	22.9	--	--
Pennington	71.5	53.3	--	--	--	--	--	--	--	--
Pine	90.0	42.6	39.5	--	19.0	10.4	12.9	22.9	--	--
Pipestone	85.3	52.8	--	--	--	--	--	--	--	--
Polk	77.4	49.9	42.5	--	14.4	--	18.2	20.6	--	--
Pope	67.7	28.2	--	--	--	--	--	--	--	--

Mortality Table 9. Age-Adjusted¹ Cause-Specific Premature (<75 yrs) Death Rates for 10 Leading Causes by State/County/CHB, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Ramsey	75.6	34.8	27.6	2.2	12.5	9.5	10.2	11.5	3.5	1.3
Red Lake	84.8	--	--	--	--	--	--	--	--	--
Redwood	81.8	53.8	44.6	--	--	--	--	--	--	--
Renville	70.1	62.3	40.4	--	--	--	--	--	--	--
Rice	71.8	34.5	20.5	--	12.4	5.2	7.5	9.7	--	--
Rock	76.2	46.3	--	--	--	--	--	--	--	--
Roseau	71.3	48.8	25.8	--	--	--	--	--	--	--
St. Louis	87.1	44.1	37.5	2.2	16.7	7.4	12.1	17.2	4.2	--
Scott	67.7	26.2	16.8	--	8.3	5.3	5.2	9.1	--	--
Sherburne	74.5	27.8	26.1	--	12.7	5.1	7.5	13.9	--	--
Sibley	79.2	38.1	37.9	--	--	--	--	--	--	--
Stearns	68.0	31.1	24.1	--	8.3	6.6	6.4	12.0	3.3	--
Steele	69.4	32.8	23.9	--	11.5	--	--	9.8	--	--
Stevens	71.9	41.3	--	--	--	--	--	--	--	--
Swift	58.5	50.9	49.0	--	--	--	--	--	--	--
Todd	70.5	45.6	30.5	--	--	--	--	--	--	--
Traverse	--	--	--	--	--	--	--	--	--	--
Wabasha	76.2	39.2	--	--	11.3	--	--	--	--	--
Wadena	100.5	75.8	43.5	--	20.1	--	20.7	--	--	--
Waseca	69.8	29.5	20.1	--	17.7	--	--	--	--	--
Washington	68.5	24.7	17.8	2.4	8.0	5.9	6.4	9.8	--	--
Watonwan	86.9	64.8	--	--	--	--	--	--	--	--
Wilkin	97.6	--	--	--	--	--	--	--	--	--
Winona	85.6	39.7	29.9	--	9.0	7.7	--	12.6	--	--
Wright	73.2	29.2	20.5	--	10.3	5.2	7.4	12.6	--	--
Yellow Medicine	83.6	34.6	--	--	--	--	--	--	--	--

Mortality Table 9. Age-Adjusted¹ Cause-Specific Premature (<75 yrs) Death Rates for 10 Leading Causes by State/County/CHB, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
CHB - Aitkin, Itasca, Koochiching	91.3	50.2	41.3	--	17.0	8.1	9.5	23.2	--	--
CHB - Clearwater, Hubbard, Lake of the Woods	89.4	43.0	35.6	--	12.4	--	8.5	19.8	--	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	80.2	42.4	33.9	--	14.2	10.5	7.0	15.2	--	--
CHB - Brown, Nicollet	64.3	30.1	22.0	--	7.4	6.5	7.4	10.5	--	--
CHB - Carlton, Cook, Lake, St. Louis	86.3	43.9	36.9	1.9	16.1	7.6	13.1	16.8	4.3	--
CHB - Cottonwood, Jackson	73.0	48.1	28.2	--	12.0	--	--	--	--	--
CHB - Clay, Wilkin, Becker, Otter Tail	78.7	48.8	29.5	2.2	14.3	7.2	6.0	15.9	4.4	--
CHB - Douglas, Grant, Pope, Stevens, Traverse	78.8	40.3	25.9	--	8.0	5.9	6.4	10.7	--	--
CHB - Dodge, Steele	74.7	36.1	23.4	--	10.7	7.7	6.2	10.9	--	--
CHB - Fillmore, Houston	66.7	28.0	30.5	--	12.0	--	--	14.3	--	--
CHB - Faribault, Martin	91.9	50.7	30.7	--	16.8	--	10.9	15.4	--	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	70.4	48.7	27.0	--	11.1	--	9.4	14.7	--	--
CHB - Kandiyohi, Renville	72.1	38.7	32.2	--	8.8	8.0	8.9	10.6	--	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	83.4	39.8	31.8	--	10.5	8.6	9.0	13.8	--	--
CHB - LeSueur, Waseca	66.3	35.8	24.6	--	11.4	--	7.1	12.5	--	--
CHB - Meeker, McLeod, Sibley	82.1	36.0	24.6	--	9.3	7.9	10.4	14.2	--	--
CHB - Mahnomen, Norman, Polk	84.0	56.5	52.0	--	17.1	7.3	18.0	22.0	--	--
CHB - Morrison, Todd, Wadena	79.8	47.4	33.4	--	12.9	8.1	9.6	12.5	4.3	--

Mortality Table 9. Age-Adjusted¹ Cause-Specific Premature (<75 yrs) Death Rates for 10 Leading Causes by State/County/CHB, 2013-2017.

	Cancer	Heart Disease	Unintent. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Metro CHBs										
CHB - Bloomington	71.3	30.2	19.9	--	10.0	8.2	7.8	13.2	--	--
CHB - Edina	45.4	14.4	14.1	--	--	--	--	10.5	--	--
CHB - Minneapolis	88.8	47.6	36.5	1.4	16.9	11.6	14.5	10.8	3.5	1.5
CHB - Richfield	87.6	33.0	27.3	--	14.6	10.0	--	--	--	--
CHB - St. Paul	95.4	43.5	36.0	2.8	18.4	12.8	14.4	11.4	4.1	--

¹Age adjusted death rate - the total number of deaths per 100,000 persons, age adjusted to the 2000 U.S standard population.

NOTE: Due to small numbers of events for some of the specific causes, age-adjusted rates are based on **5 years of cause-specific data** for each geography and -- Rates not calculated for fewer than 20 deaths in the 5-year period.

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Appendices

Appendix A -- Technical Notes

Sources of Data

Vital Events

Birth and death registration and fetal death reports filed with the Office of the Vital Records, Minnesota Department of Health for calendar year 2017 are the source documents for data on vital statistics of Minnesota residents. Late 2017 vital event certificates may have been filed after preparation of the annual report. Future data obtained from MDH may differ from that which appears in this report due to updates to the data year made after the cutoff date.

Live births and deaths to Minnesota residents that occurred in another state are included in this report insofar as they are reported to the Office of Vital Records. The inclusion of this data is made possible by an agreement for exchange of copies of resident certificates among all registration areas in the United States. Not all states release all of the data elements with their records. For example, prenatal care data are missing for all out-of-state births. These are noted in the relevant tables.

Population Data

Population estimates for 2017 by county, gender, and age group were obtained from the “Annual Estimates of the Resident Population for Selected Age Groups by Sex for the United States, States, Counties: April 1, 2010 to July 1, 2017.” Source: U.S. Census Bureau, Population Division; American FactFinder, Table PEPAGESEX. For additional information, see <https://factfinder.census.gov/>.

Population estimates by race/ethnicity are from the bridged-race Vintage 2017 postcensal estimates of the July 1 resident population. These estimates were prepared by the Census Bureau in collaboration with NCHS. Bridged race estimates are created only for the five race or Hispanic categories. Thus, there are no population estimates for other/unknown races. For more information, see: <https://wonder.cdc.gov/wonder/help/bridged-race.html>.

Sociodemographic data are obtained from the American Community Survey, 1-year and 5-year estimates, which are produced by the United States Census Bureau. The 1-year estimates for the preceding year are available in late summer. The 5-year estimates are based on pooled data from the preceding five years and are typically available in December. Five-year estimates are more reliable because they are based on a larger sample size. While 1-year and 5-year estimates tend to differ, they are not typically dramatically different from the 1-year estimates.

Estimates of the total populations for Minneapolis, Edina, Bloomington, Richfield, St. Paul, and Duluth were also obtained from the U.S. Census Bureau. However, no race-specific data are available for cities.

Rates

Absolute counts of health-related events do not readily lend themselves to comparison between years or across various geographic areas because of population differences and, in some cases, the small number of reported events. These demographic differences include total numbers of events and of the population, age and sex distributions, and ethnic and/or racial composition. In order to assess the health status of a particular population at a specified time, the absolute number of events is converted to a relative number such as a rate, a ratio, or an index. In cases where there are a small number of birth or death events, rate calculations and sometimes the counts, are suppressed (see description at the end of the section). Some of the most common rates are described below. Additional definitions are provided in Appendix B at the end of this document.

Crude Rates

A crude death rate is a good measure of the overall magnitude of an event (e.g., birth or death) in a population. The crude rate is useful information for some purposes, such as planning for the delivery of health care services. One should be cautious when comparing crude rates over time or across other geographies such as a county or another state. Notably, differences in crude rates may be due to a substantially younger or older population.

A crude birth or death rate is simply the number of events divided by the total population (the denominator), multiplied by some constant so that the result is not a fraction. For birth rates and death rates, 100,000 is the most commonly used multiplier resulting in rates per 100,000 total population.

Other frequently reported rates include crude fertility rates, pregnancy rates, and abortion rates, all of which use the population of women ages 15 to 44 years as the denominator. Fertility rates are births divided by the population of women ages 15 to 44 years. Pregnancy rates are pregnancies divided by the population of women ages 15 to 44 years. Abortion rates are abortions divided by the population of women ages 15 to 44 years.

Age-Specific Rates

An age-specific death rate is useful in understanding the influence each age group has on the overall crude death rate. Mortality Table 3 shows age-specific death rates for the state of Minnesota, its counties and CHBs, using 10 age groups. Note that the death rate for ages 0-4 is substantially higher than the death rates for the other younger age groups (primarily due to a high death rate during infancy); only at ages 50-64 does the death rate exceed that for ages 0-4. Not surprisingly, the death rates are many times higher in the oldest age groups. Therefore, a county or CHB with an older population will have a higher overall crude death rate because of the older age distribution.

An age-specific death rate is the number of deaths to an age group divided by the population for that age group, often multiplied by some constant so that the result is not a fraction (for death rates 100,000 is the most commonly used multiplier). Infant mortality rates are a special

case with several different measures. Crude infant death rates can be calculated from the annual mortality data as infant deaths reported in a given year per population of those younger than one year of age in that year. However, this calculation is not the rate used for research or monitoring infant mortality.

Infant Mortality Rates

Because infant deaths are strongly associated with characteristics of the woman that gave birth to that infant, the standard is to use a linked birth/infant death data set, which comprises infant death records linked with their individual birth records. This allows for a more thorough examination of maternal demographic, pregnancy, or labor and delivery characteristics, and birth outcomes. This also allows for a more relevant denominator, namely the number of live-born infants rather than the total population of infants.

The national standard for reporting infant mortality is an annual period rate. Annual period rates are based on the linked birth/infant death records for all infants who die in a given year (period) using all live births from that same period as the denominator. Cohort rates are also used in infant mortality research, although they are not reported here (see Infant Mortality in Appendix B for additional information). The infant mortality rate is then defined as the number of infants born alive in a given year that die within the first year of life for every 1,000 live births in that same year.

Additional details about several other infant death-related measures are included in the appendix. This includes fetal deaths, neonatal deaths, and postneonatal deaths.

Age-Adjusted Death Rates

Age adjusting rates is a way to make fairer comparisons between counties/CHBs with different age distributions. For example, a county having a higher percentage of elderly people may have a higher crude death than a county with a younger population merely because the elderly are more likely to die. Age-adjusted death rates are used to eliminate this age bias in the makeup of the populations being compared, thereby providing a much more reliable rate for comparison purposes. The age-adjusted rates provided in Mortality Tables 1 and 8 are calculated using the direct method of age adjustment. Age adjusted death rates are the total number of deaths per 100,000 persons, age-adjusted to the 2000 U.S standard population. For additional information about age-adjustment see: <https://seer.cancer.gov/stdpopulations/>.

Premature Death Rates

Nearly four out of every 10 deaths to Minnesota residents occur to people under 75 years of age. These deaths occur prior to the average life expectancy, thus, it is important to investigate premature deaths that may be potentially preventable. The premature death rate for those under age 75 is the number of deaths to residents under age 75 per 100,000 persons age-adjusted to the 2000 U.S. standard population. Although not included in the Annual Summary,

Tables 1, 7, and 8 of the Minnesota County Health Tables include premature deaths to those under age 75, as well as premature death rates (age-adjusted).

Data suppression

In cases where there are fewer than 20 birth or deaths in a specific geography or by a certain characteristic, data may be suppressed in this report. There is a range of different suppression rules used by different agencies. However, we are reporting vital statistics data, so we use the rules from the National Vital Statistics System. Suppression of data serves two purposes: 1) to protect confidentiality and 2) for statistical reliability when calculating rates. Local public health agencies may request unsuppressed counts by sending a request to HealthStats@state.mn.us.

Suppression rules for confidentiality are based on both size of the geographic area and the number of events. For example, a county can be an area that is sparsely populated or it can have a large population but small cells still occur when stratifying outcomes by other factors such as small ethnicity groups and small age groups. In these cases, there is risk of deductive disclosure. In other words, with the combination of variables, it may be possible to identify a specific person and deduce something about their private health information. In national reports, small counts are sometimes reported (but not a corresponding rate). However, these counts are for VERY large geographic areas, so there is no risk of deductive disclosure. Risk of deductive disclosure only applies to data that include protected health information, most commonly birth or fetal death data.

Suppression rules for reliability are based on the production of unstable rate estimates due to the increased amount of variability (SD) around the estimate. This means that the actual rate may be much higher or much lower. Moreover, a change of one or two events more or less can change the rate dramatically giving the impression that there is a large change when in fact it is due to random variability of the estimates. For example, in a fictitious place where there are 146 births and 2 infant deaths, the infant mortality rate appears to be 13.7 deaths per 1,000 live births. The following year, in this same place, there are 154 births and 3 infant deaths. The infant mortality rate now appears to be 19.5 deaths per 1,000 live births. It is inappropriate to draw any conclusion from these data because the numbers are too small to produce an estimate that is not subject to random variation. More events in a given time and place will produce relatively stable estimates over time, unless there is an actual cause for a change. This situation applies to any vital event that is reported.

Appendix B -- Definitions

Abortion, (induced termination of pregnancy):

An act, procedure, or use of any instrument, medicine, or drug, which is supplied or prescribed for or administered to a pregnant woman, which results in the termination of pregnancy.

Age/cause-specific death rate:

Number of deaths due to a particular underlying cause for a specified age group per 100,000 population comprising the same specified age group.

Age-specific pregnancy rate:

Number of pregnancies (live births plus fetal deaths plus induced abortions) to women of a specified age group per 1,000 females in the population of the same specified age group. The overall pregnancy rate is the number of pregnancies per 1,000 females ages 15-44.

Birthweight:

Birthweight is documented and reported in grams. An infant is defined as low birthweight if it weighs less than 2,500 grams (5.5 pounds). Infants defined as macrosomic or high birthweight weigh equal to or more than 4,000 grams (8 pounds, 13 ounces).

Cause of death:

Causes of death are classified according to the International Classification of Diseases of the World Health Organization (ICD-10). In this report, the underlying cause of death is used to classify the cause of death. The underlying cause of death is either the disease or injury, which initiated the series of events leading directly to death or the accident or violence, which produced the fatal injury. Other contributing causes of death are not shown in this report.

Crude birth rate:

Number of live births per 1,000 total population

Crude death rate:

Number of deaths per 1,000 total population or per 100,000 total population.

Fertility rate:

Total number of live births per 1,000 females ages 15 to 44 years.

Fetal death:

Death prior to the complete expulsion or extraction of a product of conception from its mother, irrespective of the duration of the pregnancy. The death is indicated by the fact that, after expulsion or extraction, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. All fetal deaths of 20 weeks or more are required by state statute to be reported using the report of stillbirth/fetal death. In the Minnesota Annual reports, only fetal deaths of 20 weeks or more gestation are reported unless otherwise noted.

Fetal death rate:

Number of fetal deaths per 1,000 live births plus fetal deaths.

Gestation or gestational age:

The period of intrauterine development of the fetus, expressed in completed weeks, defined by the physician's estimate of gestation. Gestational age was previously reported based on documented last menstrual period. Beginning in 2017, gestational age is based on physician's estimate. Comparisons of the classifications are remarkably similar, except physician's estimate has fewer missing.

Infant death:

The death of a live-born infant under one year of age. Infants born with no signs of life are classified as fetal deaths (see Fetal Death above).

Infant mortality rate:

The national standard for reporting infant mortality is an annual period rate using the linked birth/infant death records. Annual period rates are calculated from records for all infants who die in a given year (period) using all live births from that same period as the denominator. In other words, all infants that die in 2017, regardless of whether they were born in 2016 or 2017 are included for annual period rate calculations. The infant mortality rate is then defined as the number of infants born alive in a given year that die within the first year of life for every 1,000 live births in that same year.

Live birth:

The complete expulsion or extraction of a product of conception from its mother irrespective of the duration of pregnancy which, after such separation, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles whether or not the umbilical cord has been cut or the placenta is attached. Each product of such a birth is considered a live birth and is required by state statute to be registered as a livebirth, regardless of gestation or length of time living after birth.

Neonatal death:

The death of a live-born infant under 28 days of age.

Neonatal death rate:

Number of neonatal deaths per 1,000 live births.

Perinatal death:

The death of a fetus after 28 weeks of gestation or a live-born infant under 7 days of age.

Perinatal death rate:

Number of perinatal deaths per 1,000 live births plus fetal deaths.

Postneonatal death:

The death of a live-born infant between 28 days and 1 year of age.

Postneonatal death rate:

Number of postneonatal deaths per 1,000 live births.

Prenatal Care (Indices):

Late prenatal care is defined as a woman who entered prenatal care in the third trimester or who received no prenatal care.

Adequacy of prenatal care can be calculated using a variety of indices. For the Minnesota Annual reports, a new index is being used. In previous years, prenatal care adequacy was assessed using the graduated index (GINDEX). The GINDEX is calculated by combining measures of the month or trimester prenatal care began, the number of prenatal visits, and the gestational age of the infant/fetus at the time of birth. Starting in 2017, Kotelchuck's Adequacy of Prenatal Care Utilization (APNCU) was used, in keeping with the standards for national reporting. It should be noted that these indices do result in a different distribution of adequacy of prenatal care, thus previous years' adequacy measures are not comparable. Specifically, in national data, the APNCU identified more intensive and slightly more inadequate PNC users.

The APNCU is also calculated using the month prenatal care began, the number of prenatal visits, and the gestational age of the infant/fetus at the time of birth. However, this measure incorporates an estimate of the expected prenatal care visits compared with the actual prenatal care visits received. The month prenatal care began was used to calculate the adequacy of entry into prenatal care. The expected number of prenatal care visits given gestational age (defined by the American College of Obstetricians and Gynecologists (ACOG)) was calculated and divided by the actual number of visits to create a ratio of expected to actual visits. This ratio was then combined with the adequacy of entry into prenatal care variable to classify the adequacy of prenatal care as Adequate Plus, Adequate, Intermediate, Inadequate, or None.

Intensive use of prenatal care (adequate plus) is associated with poor birth outcomes, due in most part to more prenatal care needed for high risk pregnancies. Thus, distinguishing those with intensive use of prenatal care from those with adequate/expected prenatal care is meaningful for understanding pregnancy risks and adverse birth outcomes.

Residence:

Residence is the geographic area of the usual place of residence of the mother (in the case of a live birth or fetal death) or of the deceased at the time of death. This means, in general, the place where one lives and sleeps most of the time. However, when the decedent's usual residence is in a nursing home or other institution where a patient resided for receiving care, residence is coded to the place, if known, where the patient lived prior to admission to the institution.

Trimester:

One third of the total gestational period necessary for a full-term pregnancy (9 months). Thirteen weeks are allotted to each trimester. The count of weeks begins with the first day of the last menstrual period.