

2019 Minnesota County Health Tables

2019 DATA BY STATE, COUNTY, AND COMMUNITY HEALTH BOARD

07/15/2021

2019 MN County Health Tables

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Table 1. County Population Estimates¹ by Age and Sex, 2019.

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,017	138,606	177,252	181,522	176,831	547,682	519,866	553,868	361,287	139,890	2,829,821
State of Minnesota	M	34,612	145,387	185,594	188,225	184,300	570,863	534,554	547,071	328,583	90,622	2,809,811
Aitkin	F	61	209	330	403	338	913	1,025	1,884	2,039	654	7,856
Aitkin	M	63	249	373	431	378	884	1,057	1,915	2,084	596	8,030
Anoka	F	2,046	8,971	11,353	11,928	10,938	32,709	34,926	37,323	21,523	6,632	178,349
Anoka	M	2,135	9,150	11,843	12,384	11,623	34,465	36,062	37,284	19,258	4,368	178,572
Becker	F	201	814	1,225	1,190	1,043	2,698	2,757	3,534	2,804	989	17,255
Becker	M	207	898	1,109	1,238	1,097	2,675	2,857	3,606	2,774	707	17,168
Beltrami	F	311	1,222	1,760	1,544	1,698	5,046	3,734	4,174	2,973	1,163	23,625
Beltrami	M	325	1,418	1,771	1,695	1,838	5,270	3,695	3,914	2,808	829	23,563
Benton	F	261	1,094	1,476	1,444	1,256	4,154	3,882	3,631	2,173	1,083	20,454
Benton	M	274	1,264	1,482	1,448	1,261	4,165	4,170	3,769	1,970	632	20,435
Big Stone	F	34	97	135	158	125	339	339	533	461	276	2,497
Big Stone	M	35	133	166	135	141	371	350	561	418	184	2,494
Blue Earth	F	349	1,430	1,774	1,870	2,979	9,538	5,159	5,266	3,600	1,674	33,639
Blue Earth	M	365	1,506	2,045	1,954	2,857	10,270	5,506	5,158	3,371	982	34,014
Brown	F	134	536	722	730	822	2,110	1,980	2,615	1,858	1,027	12,534
Brown	M	140	590	787	876	865	2,195	2,037	2,534	1,794	656	12,474
Carlton	F	180	741	1,059	1,183	1,032	2,727	3,143	3,688	2,359	1,020	17,132
Carlton	M	187	778	1,128	1,286	1,183	3,507	3,812	3,974	2,279	605	18,739
Carver	F	561	2,725	3,773	4,045	3,784	8,531	11,251	11,002	5,315	1,905	52,892
Carver	M	587	2,754	4,064	4,150	3,925	8,403	11,267	11,017	4,858	1,172	52,197
Cass	F	138	575	829	886	756	1,950	2,145	3,393	3,028	856	14,556
Cass	M	144	676	938	953	832	2,010	2,241	3,426	3,233	770	15,223
Chippewa	F	79	333	391	390	320	910	910	1,166	948	437	5,884
Chippewa	M	82	322	425	396	335	1,075	964	1,135	889	293	5,916
Chisago	F	291	1,362	1,689	1,854	1,666	4,524	5,223	6,199	3,496	1,139	27,443
Chisago	M	303	1,383	1,777	1,898	1,813	5,348	5,829	6,479	3,507	799	29,136
Clay	F	414	1,734	2,257	2,077	2,797	7,701	5,719	4,992	3,159	1,523	32,373
Clay	M	438	1,979	2,317	2,263	2,440	7,488	6,020	4,998	2,924	982	31,849
Clearwater	F	52	208	274	341	246	652	722	919	639	281	4,334
Clearwater	M	58	240	330	315	306	663	761	927	648	236	4,484
Cook	F	23	88	104	112	93	408	413	673	643	178	2,735
Cook	M	23	92	129	125	105	402	418	654	649	131	2,728

Table 1. County Population Estimates¹ by Age and Sex, 2019.

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,017	138,606	177,252	181,522	176,831	547,682	519,866	553,868	361,287	139,890	2,829,821
State of Minnesota	M	34,612	145,387	185,594	188,225	184,300	570,863	534,554	547,071	328,583	90,622	2,809,811
Cottonwood	F	70	287	373	364	332	804	861	1,084	925	485	5,585
Cottonwood	M	74	310	407	413	355	903	854	1,115	838	342	5,611
Crow Wing	F	315	1,447	1,911	1,993	1,758	4,990	5,305	7,142	5,825	2,041	32,727
Crow Wing	M	332	1,435	1,908	2,082	1,933	5,256	5,502	6,800	5,608	1,472	32,328
Dakota	F	2,484	10,749	14,102	14,488	13,134	39,574	42,995	44,595	26,469	8,675	217,265
Dakota	M	2,604	11,588	14,870	15,315	14,058	40,465	42,671	42,318	22,349	5,518	211,756
Dodge	F	116	503	694	817	734	1,823	2,049	2,042	1,224	470	10,472
Dodge	M	126	535	771	793	756	1,830	2,125	2,046	1,158	322	10,462
Douglas	F	206	913	1,123	1,128	1,005	2,933	3,071	3,967	3,327	1,396	19,069
Douglas	M	216	902	1,123	1,202	1,085	3,241	3,245	3,855	3,199	1,004	19,072
Faribault	F	70	307	387	412	394	963	1,080	1,457	1,104	614	6,788
Faribault	M	73	336	409	454	424	1,061	1,157	1,495	1,094	362	6,865
Fillmore	F	126	520	667	763	597	1,533	1,741	2,117	1,574	844	10,482
Fillmore	M	132	576	800	788	638	1,578	1,855	2,167	1,559	492	10,585
Freeborn	F	153	621	881	938	859	2,417	2,409	3,155	2,499	1,239	15,171
Freeborn	M	160	732	978	979	933	2,402	2,603	3,234	2,282	807	15,110
Goodhue	F	244	1,091	1,402	1,465	1,229	3,655	4,084	5,114	3,524	1,539	23,347
Goodhue	M	254	1,031	1,397	1,541	1,497	3,810	4,162	5,027	3,303	971	22,993
Grant	F	27	142	187	199	142	432	473	618	505	234	2,959
Grant	M	29	141	211	196	167	447	528	600	521	173	3,013
Hennepin	F	7,878	31,247	37,891	37,070	35,953	143,232	123,874	119,364	74,828	27,756	639,093
Hennepin	M	8,242	32,765	39,288	38,026	37,080	148,349	126,277	115,654	63,920	17,149	626,750
Houston	F	97	396	522	577	520	1,312	1,559	2,137	1,471	670	9,261
Houston	M	103	444	578	649	549	1,406	1,617	2,034	1,528	431	9,339
Hubbard	F	105	455	604	705	546	1,333	1,705	2,413	2,084	638	10,588
Hubbard	M	111	460	698	698	573	1,472	1,736	2,454	2,156	545	10,903
Isanti	F	220	950	1,286	1,378	1,161	3,618	3,689	4,170	2,651	990	20,113
Isanti	M	229	1,021	1,364	1,452	1,280	3,756	3,823	4,469	2,445	644	20,483
Itasca	F	214	897	1,177	1,313	1,255	3,081	3,711	5,040	4,185	1,440	22,313
Itasca	M	226	1,037	1,283	1,485	1,382	3,362	3,828	4,961	4,150	1,103	22,817
Jackson	F	47	216	276	310	246	690	810	995	773	427	4,790
Jackson	M	51	225	285	316	333	793	888	1,090	770	305	5,056

Table 1. County Population Estimates¹ by Age and Sex, 2019.

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,017	138,606	177,252	181,522	176,831	547,682	519,866	553,868	361,287	139,890	2,829,821
State of Minnesota	M	34,612	145,387	185,594	188,225	184,300	570,863	534,554	547,071	328,583	90,622	2,809,811
Kanabec	F	90	395	441	533	478	1,165	1,441	1,807	1,321	447	8,118
Kanabec	M	92	351	443	508	513	1,302	1,463	1,895	1,330	322	8,219
Kandiyohi	F	275	1,132	1,450	1,447	1,283	3,676	3,521	4,239	3,032	1,378	21,433
Kandiyohi	M	287	1,249	1,455	1,560	1,459	4,063	3,647	4,212	2,967	867	21,766
Kittson	F	32	86	139	133	125	293	326	455	374	196	2,159
Kittson	M	34	96	146	124	125	309	316	490	383	116	2,139
Koochiching	F	47	203	287	325	364	801	955	1,434	1,231	467	6,114
Koochiching	M	49	217	281	327	351	873	942	1,509	1,198	368	6,115
Lac Qui Parle	F	28	125	161	203	189	410	501	696	609	372	3,294
Lac Qui Parle	M	31	136	228	205	189	428	487	759	606	260	3,329
Lake	F	51	175	252	303	230	709	814	1,214	997	434	5,179
Lake	M	54	235	318	292	289	738	888	1,224	1,081	343	5,462
Lake Of The Woods	F	15	60	94	100	87	226	288	437	343	126	1,776
Lake Of The Woods	M	16	88	96	95	100	271	303	515	383	97	1,964
Le Sueur	F	166	719	883	974	913	2,355	2,619	2,968	1,979	715	14,291
Le Sueur	M	175	727	940	1,040	993	2,352	2,711	3,239	1,934	485	14,596
Lincoln	F	34	142	166	187	146	385	421	528	474	311	2,794
Lincoln	M	36	139	192	204	177	423	461	583	416	214	2,845
Lyon	F	166	713	870	864	937	2,391	2,193	2,310	1,516	794	12,754
Lyon	M	176	787	1,016	941	926	2,420	2,292	2,280	1,416	466	12,720
Mcleod	F	43	972	1,101	1,114	1,112	3,030	3,143	3,665	2,645	1,126	17,951
Mcleod	M	45	993	1,130	1,232	1,169	3,203	3,371	3,698	2,303	798	17,942
Mahnomen	F	51	177	279	206	196	436	411	483	340	151	2,730
Mahnomen	M	54	195	293	251	207	410	424	500	348	115	2,797
Marshall	F	114	172	297	322	264	711	719	932	709	400	4,640
Marshall	M	119	177	297	284	267	762	807	1,010	723	250	4,696
Martin	F	182	377	564	617	584	1,432	1,535	2,063	1,642	938	9,934
Martin	M	188	397	593	660	546	1,530	1,612	2,056	1,598	569	9,749
Meeker	F	132	565	737	774	739	1,704	1,957	2,330	1,745	738	11,421
Meeker	M	136	591	790	855	762	1,921	1,960	2,504	1,724	558	11,801
Mille Lacs	F	153	636	884	853	720	2,144	2,300	2,704	1,905	748	13,047
Mille Lacs	M	163	691	853	963	852	2,241	2,399	2,832	1,752	484	13,230

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	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,017	138,606	177,252	181,522	176,831	547,682	519,866	553,868	361,287	139,890	2,829,821
State of Minnesota	M	34,612	145,387	185,594	188,225	184,300	570,863	534,554	547,071	328,583	90,622	2,809,811
Morrison	F	166	816	1,036	1,162	901	2,567	2,841	3,527	2,478	1,080	16,574
Morrison	M	176	797	1,105	1,201	1,065	2,719	2,970	3,653	2,434	692	16,812
Mower	F	258	1,076	1,377	1,414	1,209	3,390	3,475	3,656	2,581	1,488	19,924
Mower	M	274	1,058	1,376	1,488	1,431	3,757	3,599	3,805	2,484	866	20,138
Murray	F	43	183	233	260	244	560	625	859	728	355	4,090
Murray	M	45	181	248	260	241	581	640	858	780	270	4,104
Nicollet	F	170	780	1,025	1,118	1,432	3,455	2,998	2,988	2,172	865	17,003
Nicollet	M	178	793	1,080	1,112	1,286	3,702	3,317	3,117	2,114	572	17,271
Nobles	F	190	744	845	760	665	1,821	1,697	1,831	1,232	700	10,485
Nobles	M	197	725	825	788	733	2,122	1,956	2,104	1,271	423	11,144
Norman	F	40	150	204	234	198	447	542	661	460	250	3,186
Norman	M	41	143	225	219	236	458	564	643	500	160	3,189
Olmsted	F	1,005	4,271	5,191	5,388	4,729	16,355	14,955	15,062	9,914	4,148	81,018
Olmsted	M	1,067	4,367	5,522	5,549	4,835	15,504	15,138	14,119	8,453	2,721	77,275
Otter Tail	F	315	1,338	1,757	1,760	1,559	4,086	4,441	6,451	5,198	2,278	29,183
Otter Tail	M	331	1,455	1,814	1,919	1,677	4,472	4,562	6,441	5,343	1,549	29,563
Pennington	F	80	378	449	454	393	1,229	1,244	1,372	1,004	501	7,104
Pennington	M	85	354	450	433	409	1,452	1,322	1,355	891	264	7,015
Pine	F	121	514	750	813	778	1,861	2,341	3,266	2,439	843	13,726
Pine	M	127	591	824	890	848	2,807	3,028	3,662	2,384	692	15,853
Pipestone	F	65	266	334	318	282	694	719	882	636	462	4,658
Pipestone	M	65	253	357	335	304	709	730	919	563	233	4,468
Polk	F	202	837	1,014	1,028	1,059	2,628	2,550	3,102	2,087	1,067	15,574
Polk	M	215	924	1,065	1,124	1,056	2,909	2,750	3,127	2,056	564	15,790
Pope	F	58	240	312	316	261	816	861	1,197	977	476	5,514
Pope	M	59	267	349	375	311	880	973	1,191	1,038	292	5,735
Ramsey	F	3,718	14,626	17,552	17,025	17,374	64,971	49,992	49,799	33,693	12,803	281,553
Ramsey	M	3,917	15,402	18,606	17,460	17,480	64,283	49,684	46,605	27,857	7,474	268,768
Red Lake	F	20	85	141	132	130	250	357	416	299	146	1,976
Red Lake	M	22	118	152	136	128	299	359	436	319	110	2,079
Redwood	F	92	394	516	541	438	1,178	1,194	1,440	1,171	633	7,597
Redwood	M	97	395	516	559	533	1,199	1,231	1,574	1,081	388	7,573

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	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,017	138,606	177,252	181,522	176,831	547,682	519,866	553,868	361,287	139,890	2,829,821
State of Minnesota	M	34,612	145,387	185,594	188,225	184,300	570,863	534,554	547,071	328,583	90,622	2,809,811
Renville	F	93	336	472	482	414	1,070	1,122	1,537	1,016	586	7,128
Renville	M	98	404	469	473	451	1,197	1,235	1,630	1,092	371	7,420
Rice	F	362	1,553	1,964	2,102	2,915	6,585	5,370	6,191	4,067	1,628	32,737
Rice	M	377	1,586	2,025	2,031	2,840	7,696	6,349	6,443	3,825	1,063	34,235
Rock	F	52	239	342	345	310	675	804	904	674	360	4,705
Rock	M	53	177	307	383	350	751	829	883	652	225	4,610
Roseau	F	82	334	513	545	486	1,092	1,246	1,617	1,003	434	7,352
Roseau	M	86	372	544	515	544	1,263	1,369	1,807	1,023	290	7,813
Saint Louis	F	920	3,992	5,063	5,234	6,701	19,735	15,988	20,307	15,309	6,107	99,356
Saint Louis	M	963	4,063	5,278	5,585	6,838	21,132	17,250	20,105	14,801	3,699	99,714
Scott	F	867	4,024	5,615	5,948	5,281	12,950	16,481	14,511	6,999	2,138	74,814
Scott	M	906	4,077	5,741	5,996	5,500	12,936	16,312	14,964	6,211	1,556	74,199
Sherburne	F	593	2,656	3,340	3,611	3,321	8,591	9,988	9,158	4,659	1,460	47,377
Sherburne	M	621	2,696	3,671	3,732	3,604	9,863	10,665	9,729	4,387	893	49,861
Sibley	F	79	365	432	502	469	1,139	1,279	1,564	1,018	506	7,353
Sibley	M	86	308	477	541	489	1,264	1,376	1,685	965	321	7,512
Stearns	F	998	4,125	5,136	5,098	6,427	17,465	12,972	14,482	9,475	3,770	79,948
Stearns	M	1,041	4,315	5,268	5,195	6,344	19,164	13,588	14,535	8,850	2,827	81,127
Steele	F	190	869	1,310	1,369	1,137	2,963	3,286	3,636	2,467	1,170	18,397
Steele	M	199	887	1,242	1,347	1,243	3,273	3,341	3,651	2,312	757	18,252
Stevens	F	64	237	276	297	528	1,106	717	741	589	351	4,906
Stevens	M	66	234	298	303	486	1,224	792	734	544	218	4,899
Swift	F	52	247	280	279	269	681	731	907	717	443	4,606
Swift	M	57	236	316	316	267	752	783	1,014	688	231	4,660
Todd	F	155	626	822	742	655	1,774	1,804	2,591	1,976	764	11,909
Todd	M	163	708	858	892	770	1,918	2,027	2,708	2,101	610	12,755
Traverse	F	18	67	86	96	90	206	242	345	270	186	1,606
Traverse	M	19	90	96	101	80	266	276	353	269	103	1,653
Wabasha	F	114	460	612	692	577	1,629	1,768	2,401	1,836	688	10,777
Wabasha	M	120	510	683	699	604	1,607	1,817	2,455	1,791	564	10,850
Wadena	F	90	331	478	552	422	1,029	1,084	1,303	1,051	557	6,897
Wadena	M	95	413	481	500	440	1,072	1,126	1,345	989	324	6,785

Table 1. County Population Estimates¹ by Age and Sex, 2019.

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,017	138,606	177,252	181,522	176,831	547,682	519,866	553,868	361,287	139,890	2,829,821
State of Minnesota	M	34,612	145,387	185,594	188,225	184,300	570,863	534,554	547,071	328,583	90,622	2,809,811
Waseca	F	99	406	542	650	587	1,767	1,900	1,821	1,293	544	9,609
Waseca	M	105	456	633	641	631	1,497	1,623	1,794	1,262	361	9,003
Washington	F	1,328	6,156	8,773	9,376	8,553	21,932	26,162	28,276	16,547	5,657	132,760
Washington	M	1,387	6,297	9,069	9,564	9,077	22,954	25,932	26,737	14,892	3,771	129,680
Watonwan	F	79	312	357	380	355	865	869	1,125	730	438	5,510
Watonwan	M	82	320	356	324	358	931	914	1,036	771	295	5,387
Wilkin	F	36	135	191	188	141	456	513	678	440	199	2,977
Wilkin	M	37	169	190	219	240	509	547	738	420	161	3,230
Winona	F	221	990	1,153	1,308	2,411	6,277	3,749	4,621	3,360	1,405	25,495
Winona	M	232	938	1,219	1,315	2,072	6,519	3,987	4,576	3,250	881	24,989
Wright	F	843	3,696	5,202	5,642	4,726	11,489	14,299	12,939	7,220	2,348	68,404
Wright	M	885	4,040	5,442	5,870	5,195	11,817	14,788	13,531	6,729	1,676	69,973
Yellow Medicine	F	53	223	318	331	279	730	772	1,037	654	420	4,817
Yellow Medicine	M	55	229	292	358	337	837	805	1,033	685	261	4,892

Table 1. County Population Estimates¹ by Age and Sex, 2019.

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,017	138,606	177,252	181,522	176,831	547,682	519,866	553,868	361,287	139,890	2,829,821
State of Minnesota	M	34,612	145,387	185,594	188,225	184,300	570,863	534,554	547,071	328,583	90,622	2,809,811
CHB - Aitkin, Itasca, Koochiching	F	322	1,309	1,794	2,041	1,957	4,795	5,691	8,358	7,455	2,561	36,283
CHB - Aitkin, Itasca, Koochiching	M	338	1,503	1,937	2,243	2,111	5,119	5,827	8,385	7,432	2,067	36,962
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	F	246	1,025	1,285	1,361	1,182	3,070	3,253	4,339	3,389	1,948	21,098
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	M	260	1,056	1,427	1,410	1,269	3,463	3,389	4,502	3,286	1,229	21,291
CHB - Brown, Nicollet	F	304	1,316	1,747	1,848	2,254	5,565	4,978	5,603	4,030	1,892	29,537
CHB - Brown, Nicollet	M	318	1,383	1,867	1,988	2,151	5,897	5,354	5,651	3,908	1,228	29,745
CHB - Carlton, Cook, Lake, St. Louis	F	1,174	1,004	1,415	1,598	1,355	3,844	4,370	5,575	3,999	1,632	25,046
CHB - Carlton, Cook, Lake, St. Louis	M	1,227	5,168	6,853	7,288	8,415	25,779	22,368	25,957	18,810	4,778	126,643
CHB - Clay, Wilkin, Becker, Otter Tail	F	966	4,021	5,430	5,215	5,540	14,941	13,430	15,655	11,601	4,989	81,788
CHB - Clay, Wilkin, Becker, Otter Tail	M	1,013	4,501	5,430	5,639	5,454	15,144	13,986	15,783	11,461	3,399	81,810
CHB - Clearwater, Hubbard, Lake of the Woods	F	172	723	972	1,146	879	2,211	2,715	3,769	3,066	1,045	16,698
CHB - Clearwater, Hubbard, Lake of the Woods	M	185	788	1,124	1,108	979	2,406	2,800	3,896	3,187	878	17,351
CHB - Cottonwood, Jackson	F	117	503	649	674	578	1,494	1,671	2,079	1,698	912	10,375
CHB - Cottonwood, Jackson	M	125	535	692	729	688	1,696	1,742	2,205	1,608	647	10,667
CHB - Dodge, Steele	F	306	1,372	2,004	2,186	1,871	4,786	5,335	5,678	3,691	1,640	28,869
CHB - Dodge, Steele	M	325	1,422	2,013	2,140	1,999	5,103	5,466	5,697	3,470	1,079	28,714

Table 1. County Population Estimates¹ by Age and Sex, 2019.

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,017	138,606	177,252	181,522	176,831	547,682	519,866	553,868	361,287	139,890	2,829,821
State of Minnesota	M	34,612	145,387	185,594	188,225	184,300	570,863	534,554	547,071	328,583	90,622	2,809,811
CHB - Douglas, Grant, Pope, Stevens, Traverse	F	373	1,599	1,984	2,036	2,026	5,493	5,364	6,868	5,668	2,643	34,054
CHB - Douglas, Grant, Pope, Stevens, Traverse	M	389	1,634	2,077	2,177	2,129	6,058	5,814	6,733	5,571	1,790	34,372
CHB - Faribault, Martin	F	252	684	951	1,029	978	2,395	2,615	3,520	2,746	1,552	16,722
CHB - Faribault, Martin	M	261	733	1,002	1,114	970	2,591	2,769	3,551	2,692	931	16,614
CHB - Fillmore, Houston	F	223	916	1,189	1,340	1,117	2,845	3,300	4,254	3,045	1,514	19,743
CHB - Fillmore, Houston	M	235	1,020	1,378	1,437	1,187	2,984	3,472	4,201	3,087	923	19,924
CHB - Kandiyohi, Renville	F	368	1,468	1,922	1,929	1,697	4,746	4,643	5,776	4,048	1,964	28,561
CHB - Kandiyohi, Renville	M	385	1,653	1,924	2,033	1,910	5,260	4,882	5,842	4,059	1,238	29,186
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	F	328	1,055	1,539	1,586	1,398	3,575	3,892	4,792	3,389	1,677	23,231
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	M	346	1,117	1,589	1,492	1,473	4,085	4,173	5,098	3,339	1,030	23,742
CHB - LeSueur, Waseca	F	265	1,125	1,425	1,624	1,500	4,122	4,519	4,789	3,272	1,259	23,900
CHB - LeSueur, Waseca	M	280	1,183	1,573	1,681	1,624	3,849	4,334	5,033	3,196	846	23,599
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	F	452	1,937	2,461	2,515	2,357	5,883	5,956	6,923	5,199	2,915	36,598
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	M	472	1,932	2,636	2,682	2,531	6,083	6,183	7,097	4,908	1,796	36,320
CHB - Mahnommen, Norman, Polk	F	293	1,164	1,497	1,468	1,453	3,511	3,503	4,246	2,887	1,468	21,490
CHB - Mahnommen, Norman, Polk	M	310	1,262	1,583	1,594	1,499	3,777	3,738	4,270	2,904	839	21,776

Table 1. County Population Estimates¹ by Age and Sex, 2019.

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
State of Minnesota	F	33,017	138,606	177,252	181,522	176,831	547,682	519,866	553,868	361,287	139,890	2,829,821
State of Minnesota	M	34,612	145,387	185,594	188,225	184,300	570,863	534,554	547,071	328,583	90,622	2,809,811
CHB - Meeker, McLeod, Sibley	F	254	1,902	2,270	2,390	2,320	5,873	6,379	7,559	5,408	2,370	36,725
CHB - Meeker, McLeod, Sibley	M	267	1,892	2,397	2,628	2,420	6,388	6,707	7,887	4,992	1,677	37,255
CHB - Morrison, Todd, Wadena	F	411	1,773	2,336	2,456	1,978	5,370	5,729	7,421	5,505	2,401	35,380
CHB - Morrison, Todd, Wadena	M	434	1,918	2,444	2,593	2,275	5,709	6,123	7,706	5,524	1,626	36,352
Metro CHBs²	Sex	<1	0-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
CHB - Bloomington	F	N/A	2,717	2,079	1,792	2,248	7,914	8,085	9,228	6,619	2,915	43,597
	M	N/A	2,538	2,253	2,752	2,238	8,689	7,861	8,385	5,216	1,803	41,735
CHB - Edina	F	N/A	1,560	1,610	1,748	1,528	3,187	5,325	5,493	4,172	2,359	26,982
	M	N/A	1,488	1,592	1,925	1,617	3,805	4,742	5,093	3,327	1,175	24,764
CHB - Minneapolis	F	N/A	13,339	12,014	10,439	12,908	65,495	39,352	31,017	17,179	5,758	207,501
	M	N/A	13,974	12,041	10,410	13,012	69,225	42,004	33,095	15,718	3,344	212,823
CHB - Richfield	F	N/A	1,165	1,008	863	792	4,586	3,065	3,012	2,346	1,110	17,947
	M	N/A	1,087	1,266	1,098	1,043	4,589	3,776	3,139	1,537	581	18,116
CHB - St. Paul	F	N/A	10,763	10,507	10,305	10,085	41,404	28,411	25,082	13,291	4,707	154,555
	M	N/A	11,477	10,745	10,719	10,719	40,546	28,009	23,729	11,473	2,575	149,992

¹ Annual Estimates of the Resident Population for Selected Age Groups by Sex for the United States, States, Counties Source: U.S. Census Bureau, 2015-2019 American Community Survey 1-Year Estimates.

² 2019 Population estimates for Metro CHBs are from the American Community Survey (ACS) S0101, 5-year estimates, 2015-2019. Estimates for <1 years old are combined with 1-4 years.

Table 2. Population Estimates by Race/Ethnicity and State/County/CHB, Minnesota, 2019.

	Non-Hispanic				Hispanic	TOTAL
	White	African American	American Indian	Asian/Pacific Islander		
State of Minnesota	4,526,589	422,594	68,904	306,415	315,130	5,639,632
Aitkin	15,031	159	418	52	226	15,886
Anoka	289,415	28,347	2,789	19,000	17,370	356,921
Becker	30,189	309	2,929	215	781	34,423
Beltrami	34,380	610	10,555	427	1,216	47,188
Benton	36,649	2,376	202	537	1,125	40,889
Big Stone	4,797	48	28	14	104	4,991
Blue Earth	59,684	3,287	225	1,793	2,664	67,653
Brown	23,389	184	47	227	1,161	25,008
Carlton	31,984	738	2,266	230	653	35,871
Carver	93,839	2,603	245	3,829	4,573	105,089
Cass	25,029	235	3,678	152	685	29,779
Chippewa	10,254	157	144	291	954	11,800
Chisago	52,987	945	402	896	1,349	56,579
Clay	56,033	3,131	985	1,081	2,992	64,222
Clearwater	7,575	110	878	40	215	8,818
Cook	4,687	98	489	59	130	5,463
Cottonwood	9,579	176	42	464	935	11,196
Crow Wing	62,208	787	672	387	1,001	65,055
Dakota	336,361	34,308	1,948	23,979	32,425	429,021
Dodge	19,424	220	70	194	1,026	20,934
Douglas	36,757	350	144	223	667	38,141
Faribault	12,379	157	51	65	1,001	13,653
Fillmore	20,337	160	32	156	382	21,067
Freeborn	25,618	507	114	942	3,100	30,281
Goodhue	42,900	846	610	399	1,585	46,340
Grant	5,708	69	31	26	138	5,972
Hennepin	883,755	183,780	10,563	99,272	88,473	1,265,843
Houston	17,941	226	52	154	227	18,600
Hubbard	20,035	204	616	127	509	21,491
Isanti	38,303	513	277	595	908	40,596
Itasca	41,849	427	1,901	220	733	45,130
Jackson	9,112	124	34	167	409	9,846
Kanabec	15,610	167	150	134	276	16,337
Kandiyohi	34,168	2,869	168	550	5,444	43,199
Kittson	4,108	47	10	26	107	4,298
Koochiching	11,523	138	324	84	160	12,229
Lac Qui Parle	6,297	85	13	64	164	6,623
Lake	10,238	108	71	71	153	10,641
Lake of the Woods	3,514	60	40	62	64	3,740
Le Sueur	26,294	305	122	210	1,956	28,887
Lincoln	5,422	28	22	35	132	5,639
Lyon	21,403	946	111	1,182	1,832	25,474
McLeod	2,697	79	2,506	10	235	35,893
Mahnomen	8,742	80	51	27	436	5,527

Table 2. Population Estimates by Race/Ethnicity and State/County/CHB, Minnesota, 2019.

	Non-Hispanic				Hispanic	TOTAL
	White	African American	American Indian	Asian/Pacific Islander		
State of Minnesota	4,526,589	422,594	68,904	306,415	315,130	5,639,632
Marshall	18,274	199	89	142	979	9,336
Martin	32,697	372	134	308	2,382	19,683
Meeker	21,819	234	66	113	990	23,222
Mille Lacs	23,518	275	1,607	190	687	26,277
Morrison	32,144	369	114	141	618	33,386
Mower	31,103	1,703	99	2,260	4,897	40,062
Murray	7,601	61	25	150	357	8,194
Nicollet	30,415	1,460	122	586	1,691	34,274
Nobles	12,636	1,039	89	1,511	6,354	21,629
Norman	5,781	82	146	41	325	6,375
Olmsted	127,087	11,595	477	10,915	8,219	158,293
Otter Tail	54,658	1,071	444	423	2,150	58,746
Pennington	12,901	230	261	142	585	14,119
Pine	26,644	748	1,033	260	894	29,579
Pipestone	8,007	171	158	95	695	9,126
Polk	27,392	1,046	516	336	2,074	31,364
Pope	10,817	89	43	77	223	11,249
Ramsey	344,388	74,570	4,094	85,920	41,349	550,321
Red Lake	3,749	52	73	14	167	4,055
Redwood	13,280	188	711	414	577	15,170
Renville	12,816	137	168	121	1,306	14,548
Rice	55,049	4,322	306	1,606	5,689	66,972
Rock	8,739	117	55	77	327	9,315
Roseau	14,038	157	313	435	222	15,165
St. Louis	183,483	4,385	4,914	2,677	3,611	199,070
Scott	121,165	8,510	1,361	10,093	7,884	149,013
Sherburne	89,053	3,449	544	1,502	2,690	97,238
Sibley	13,170	159	51	102	1,383	14,865
Stearns	137,690	13,095	488	4,065	5,737	161,075
Steele	31,720	1,419	111	403	2,996	36,649
Stevens	8,531	162	146	212	754	9,805
Swift	8,411	180	58	133	484	9,266
Todd	22,492	184	118	182	1,688	24,664
Traverse	2,874	45	192	19	129	3,259
Wabasha	20,604	184	53	132	654	21,627
Wadena	12,980	212	120	79	291	13,682
Waseca	16,647	497	116	166	1,186	18,612
Washington	217,316	14,312	1,273	17,837	11,702	262,440
Watonwan	7,720	102	32	108	2,935	10,897
Wilkin	5,820	69	95	32	191	6,207
Winona	46,285	1,103	185	1,354	1,557	50,484
Wright	128,193	3,017	527	2,314	4,326	138,377
Yellow Medicine	8,678	120	352	60	499	9,709

Table 2. Population Estimates by Race/Ethnicity and State/County/CHB, Minnesota, 2019.

	Non-Hispanic				Hispanic	TOTAL
	White	African American	American Indian	Asian/Pacific Islander		
State of Minnesota	4,526,589	422,594	68,904	306,415	315,130	5,639,632
CHB - Aitkin, Itasca, Koochiching	68,403	724	2,643	356	1,119	73,245
CHB - Clearwater, Hubbard, Lake of the Woods	31,124	374	1,534	229	788	34,049
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	38,437	590	595	562	2,205	42,389
CHB - Brown, Nicollet	53,804	1,644	169	813	2,852	59,282
CHB - Carlton, Cook, Lake, St. Louis	230,392	5,329	7,740	3,037	4,547	251,045
CHB - Cottonwood, Jackson	18,691	300	76	631	1,344	21,042
CHB - Clay, Wilkin, Becker, Otter Tail	146,700	4,580	4,453	1,751	6,114	163,598
CHB - Douglas, Grant, Pope, Stevens, Traverse	64,687	715	556	557	1,911	68,426
CHB - Dodge, Steele	51,144	1,639	181	597	4,022	57,583
CHB - Fillmore, Houston	38,278	386	84	310	609	39,667
CHB - Faribault, Martin	45,076	529	185	373	3,383	33,336
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	53,070	685	746	759	2,060	46,973
CHB - Kandiyohi, Renville	46,984	3,006	336	671	6,750	57,747
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	64,452	1,511	1,082	1,953	3,920	72,918
CHB - LeSueur, Waseca	42,941	802	238	376	3,142	47,499
CHB - Meeker, McLeod, Sibley	37,686	472	2,623	225	2,608	73,980
CHB - Mahnomen, Norman, Polk	41,915	1,208	713	404	2,835	43,266
CHB - Morrison, Todd, Wadena	67,616	765	352	402	2,597	71,732
Metro CHBs²						
CHB - Bloomington	N/A	N/A	N/A	N/A	N/A	85,332
CHB - Edina	N/A	N/A	N/A	N/A	N/A	51,746
CHB - Minneapolis	N/A	N/A	N/A	N/A	N/A	420,324
CHB - Richfield	N/A	N/A	N/A	N/A	N/A	36,063
CHB - St. Paul	N/A	N/A	N/A	N/A	N/A	304,547

¹ Annual Estimates 2019 are bridged-race Vintage 2019 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, 2019.

	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	351,622	6.2%	1,445,346	25.6%	920,382	16.3%	1,081,656	5,639,632
Aitkin	582	3.7%	2,835	17.8%	5,373	33.8%	1,910	15,886
Anoka	22,302	6.2%	92,371	25.9%	51,781	14.5%	67,173	356,921
Becker	2,120	6.2%	9,022	26.2%	7,274	21.1%	5,643	34,423
Beltrami	3,276	6.9%	13,582	28.8%	7,773	16.5%	9,354	47,188
Benton	2,893	7.1%	11,260	27.5%	5,858	14.3%	8,140	40,889
Big Stone	299	6.0%	1,159	23.2%	1,339	26.8%	687	4,991
Blue Earth	3,650	5.4%	17,129	25.3%	9,627	14.2%	16,153	67,653
Brown	1,400	5.6%	6,202	24.8%	5,335	21.3%	4,287	25,008
Carlton	1,886	5.3%	8,757	24.4%	6,263	17.5%	5,866	35,871
Carver	6,627	6.3%	30,368	28.9%	13,250	12.6%	19,950	105,089
Cass	1,533	5.1%	6,727	22.6%	7,887	26.5%	4,111	29,779
Chippewa	816	6.9%	3,073	26.0%	2,567	21.8%	1,868	11,800
Chisago	3,339	5.9%	14,036	24.8%	8,941	15.8%	9,615	56,579
Clay	4,565	7.1%	18,716	29.1%	8,588	13.4%	14,561	64,222
Clearwater	558	6.3%	2,370	26.9%	1,804	20.5%	1,365	8,818
Cook	226	4.1%	894	16.4%	1,601	29.3%	758	5,463
Cottonwood	741	6.6%	2,985	26.7%	2,590	23.1%	1,709	11,196
Crow Wing	3,529	5.4%	15,114	23.2%	14,946	23.0%	10,384	65,055
Dakota	27,425	6.4%	113,392	26.4%	63,011	14.7%	82,026	429,021
Dodge	1,280	6.1%	5,845	27.9%	3,174	15.2%	3,958	20,934
Douglas	2,237	5.9%	8,903	23.3%	8,926	23.4%	6,011	38,141
Faribault	786	5.8%	3,266	23.9%	3,174	23.2%	2,123	13,653
Fillmore	1,354	6.4%	5,607	26.6%	4,469	21.2%	3,344	21,067
Freeborn	1,666	5.5%	7,234	23.9%	6,827	22.5%	4,924	30,281
Goodhue	2,620	5.7%	11,151	24.1%	9,337	20.1%	7,680	46,340
Grant	339	5.7%	1,441	24.1%	1,433	24.0%	914	5,972
Hennepin	80,132	6.3%	305,440	24.1%	183,653	14.5%	266,293	1,265,843
Houston	1,040	5.6%	4,435	23.8%	4,100	22.0%	2,874	18,600
Hubbard	1,131	5.3%	4,955	23.1%	5,423	25.2%	2,997	21,491
Isanti	2,420	6.0%	10,341	25.5%	6,730	16.6%	7,238	40,596
Itasca	2,374	5.3%	10,269	22.8%	10,878	24.1%	6,800	45,130

Table 3. Selected Population Age Groups¹, Minnesota Residents, 2019.

	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	539	5.5%	2,305	23.4%	2,275	23.1%	1,475	9,846
Kanabec	928	5.7%	3,844	23.5%	3,420	20.9%	2,570	16,337
Kandiyohi	2,943	6.8%	11,597	26.8%	8,244	19.1%	7,292	43,199
Kittson	248	5.8%	1,040	24.2%	1,069	24.9%	624	4,298
Koochiching	516	4.2%	2,451	20.0%	3,264	26.7%	1,764	12,229
Lac Qui Parle	320	4.8%	1,495	22.6%	1,847	27.9%	946	6,623
Lake	515	4.8%	2,199	20.7%	2,855	26.8%	1,482	10,641
Lake of the Woods	179	4.8%	751	20.1%	949	25.4%	508	3,740
Le Sueur	1,787	6.2%	7,530	26.1%	5,113	17.7%	5,027	28,887
Lincoln	351	6.2%	1,423	25.2%	1,415	25.1%	820	5,639
Lyon	1,842	7.2%	7,396	29.0%	4,192	16.5%	4,854	25,474
McLeod	2,053	5.7%	8,911	24.8%	6,872	19.1%	6,182	35,893
Mahnomen	477	8.6%	1,909	34.5%	954	17.3%	917	5,527
Marshall	582	6.2%	2,313	24.8%	2,082	22.3%	1,457	9,336
Martin	1,144	5.8%	4,708	23.9%	4,747	24.1%	3,034	19,683
Meeker	1,424	6.1%	6,081	26.2%	4,765	20.5%	3,730	23,222
Mille Lacs	1,643	6.3%	6,768	25.8%	4,889	18.6%	4,405	26,277
Morrison	1,955	5.9%	8,425	25.2%	6,684	20.0%	5,442	33,386
Mower	2,666	6.7%	10,961	27.4%	7,419	18.5%	6,968	40,062
Murray	452	5.5%	1,938	23.7%	2,133	26.0%	1,229	8,194
Nicollet	1,921	5.6%	8,974	26.2%	5,723	16.7%	7,043	34,274
Nobles	1,856	8.6%	6,472	29.9%	3,626	16.8%	3,643	21,629
Norman	374	5.9%	1,690	26.5%	1,370	21.5%	1,002	6,375
Olmsted	10,710	6.8%	41,924	26.5%	25,236	15.9%	31,624	158,293
Otter Tail	3,439	5.9%	13,925	23.7%	14,368	24.5%	8,671	58,746
Pennington	897	6.4%	3,485	24.7%	2,660	18.8%	2,453	14,119
Pine	1,353	4.6%	6,256	21.2%	6,358	21.5%	4,184	29,579
Pipestone	649	7.1%	2,579	28.3%	1,894	20.8%	1,446	9,126
Polk	2,178	6.9%	8,524	27.2%	5,774	18.4%	5,429	31,364
Pope	624	5.5%	2,548	22.7%	2,783	24.7%	1,676	11,249

Table 3. Selected Population Age Groups¹, Minnesota Residents, 2019.

	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	37,663	6.8%	143,160	26.0%	81,827	14.9%	117,454	550,321
Red Lake	245	6.0%	1,064	26.2%	874	21.6%	637	4,055
Redwood	978	6.4%	4,081	26.9%	3,273	21.6%	2,417	15,170
Renville	931	6.4%	3,692	25.4%	3,065	21.1%	2,249	14,548
Rice	3,878	5.8%	17,755	26.5%	10,583	15.8%	13,031	66,972
Rock	521	5.6%	2,558	27.5%	1,911	20.5%	1,528	9,315
Roseau	874	5.8%	4,021	26.5%	2,750	18.1%	2,384	15,165
St. Louis	9,938	5.0%	44,637	22.4%	39,916	20.1%	37,354	199,070
Scott	9,874	6.6%	43,955	29.5%	16,904	11.3%	29,230	149,013
Sherburne	6,566	6.8%	27,845	28.6%	11,399	11.7%	18,542	97,238
Sibley	838	5.6%	3,748	25.2%	2,810	18.9%	2,458	14,865
Stearns	10,479	6.5%	43,947	27.3%	24,922	15.5%	32,802	161,075
Steele	2,145	5.9%	9,793	26.7%	6,706	18.3%	6,372	36,649
Stevens	601	6.1%	2,789	28.4%	1,702	17.4%	2,136	9,805
Swift	592	6.4%	2,319	25.0%	2,079	22.4%	1,452	9,266
Todd	1,652	6.7%	6,391	25.9%	5,451	22.1%	3,645	24,664
Traverse	194	6.0%	743	22.8%	828	25.4%	463	3,259
Wabasha	1,204	5.6%	5,071	23.4%	4,879	22.6%	3,342	21,627
Wadena	929	6.8%	3,802	27.8%	2,921	21.3%	2,192	13,682
Waseca	1,066	5.7%	4,750	25.5%	3,460	18.6%	3,680	18,612
Washington	15,168	5.8%	69,580	26.5%	40,867	15.6%	48,169	262,440
Watsonwan	793	7.3%	2,923	26.8%	2,234	20.5%	1,815	10,897
Wilkin	377	6.1%	1,546	24.9%	1,220	19.7%	937	6,207
Winona	2,381	4.7%	11,859	23.5%	8,896	17.6%	11,244	50,484
Wright	9,464	6.8%	41,541	30.0%	17,973	13.0%	25,982	138,377
Yellow Medicine	560	5.8%	2,475	25.5%	2,020	20.8%	1,528	9,709

Table 3. Selected Population Age Groups¹, Minnesota Residents, 2019.

	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	3,472	4.7%	15,555	21.2%	19,515	26.6%	10,474	73,245
CHB - Clearwater, Hubbard, Lake of the Woods	1,868	5.5%	8,076	23.7%	8,176	24.0%	4,870	34,049
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	2,587	6.1%	10,521	24.8%	9,852	23.2%	6,481	42,389
CHB - Brown, Nicollet	3,321	5.6%	15,176	25.6%	11,058	18.7%	11,330	59,282
CHB - Carlton, Cook, Lake, St. Louis	12,565	5.0%	56,487	22.5%	50,635	20.2%	45,460	251,045
CHB - Cottonwood, Jackson	1,280	6.1%	5,290	25.1%	4,865	23.1%	3,184	21,042
CHB - Clay, Wilkin, Becker, Otter Tail	10,501	6.4%	43,209	26.4%	31,450	19.2%	29,812	163,598
CHB - Douglas, Grant, Pope, Stevens, Traverse	3,995	5.8%	16,424	24.0%	15,672	22.9%	11,200	68,426
CHB - Dodge, Steele	3,425	5.9%	15,638	27.2%	9,880	17.2%	10,330	57,583
CHB - Fillmore, Houston	2,394	6.0%	10,042	25.3%	8,569	21.6%	6,218	39,667
CHB - Faribault, Martin	1,930	5.8%	7,974	23.9%	7,921	23.8%	5,157	33,336
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	2,846	6.1%	11,923	25.4%	9,435	20.1%	7,555	46,973
CHB - Kandiyohi, Renville	3,874	6.7%	15,289	26.5%	11,309	19.6%	9,541	57,747
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	4,793	6.6%	19,975	27.4%	14,818	20.3%	12,294	72,918
CHB - LeSueur, Waseca	2,853	6.0%	12,280	25.9%	8,573	18.0%	8,707	47,499
CHB - Meeker, McLeod, Sibley	4,315	5.8%	18,740	25.3%	14,447	19.5%	12,370	73,980
CHB - Mahnomen, Norman, Polk	3,029	7.0%	12,123	28.0%	8,098	18.7%	7,348	43,266
CHB - Morrison, Todd, Wadena	4,536	6.3%	18,618	26.0%	15,056	21.0%	11,279	71,732

Table 3. Selected Population Age Groups¹, Minnesota Residents, 2019.

	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 CHBs²								
CHB - Bloomington	5,255	6.2%	18,617	21.8%	16,553	19.4%	15,527	85,332
CHB - Edina	3,048	5.9%	13,068	25.3%	11,033	21.3%	8,145	51,746
CHB - Minneapolis	27,313	6.5%	98,137	23.3%	41,999	10.0%	106,352	420,324
CHB - Richfield	2,252	6.2%	8,322	23.1%	5,574	15.5%	7,621	36,063
CHB - St. Paul	22,240	7.3%	85,320	28.0%	32,046	10.5%	71,398	304,547

¹ Summed from Annual Estimates of the Resident Population for Selected Age Groups by Sex for the United States, States, Counties: U.S. Census Bureau, 2014-2018 American Community Survey 1-Year Estimates.

Table 4. Population per Square Mile by State/County/CHB, Minnesota, 2019.

	Population ¹	Land area in square miles ²	Population per square mile
State of Minnesota	5,639,632	79,627	71
Aitkin	15,886	1,822	9
Anoka	356,921	423	844
Becker	34,423	1,315	26
Beltrami	47,188	2,505	19
Benton	40,889	408	100
Big Stone	4,991	499	10
Blue Earth	67,653	748	90
Brown	25,008	611	41
Carlton	35,871	861	42
Carver	105,089	354	297
Cass	29,779	2,022	15
Chippewa	11,800	581	20
Chisago	56,579	415	136
Clay	64,222	1,045	61
Clearwater	8,818	999	9
Cook	5,463	1,452	4
Cottonwood	11,196	639	18
Crow Wing	65,055	999	65
Dakota	429,021	562	763
Dodge	20,934	439	48
Douglas	38,141	637	60
Faribault	13,653	712	19
Fillmore	21,067	861	24
Freeborn	30,281	707	43
Goodhue	46,340	757	61
Grant	5,972	548	11
Hennepin	1,265,843	554	2,287
Houston	18,600	552	34
Hubbard	21,491	926	23
Isanti	40,596	436	93
Itasca	45,130	2,668	17
Jackson	9,846	703	14
Kanabec	16,337	522	31
Kandiyohi	43,199	797	54
Kittson	4,298	1,099	4
Koochiching	12,229	3,104	4
Lac Qui Parle	6,623	765	9
Lake	10,641	2,109	5
Lake of the Woods	3,740	1,298	3
Le Sueur	28,887	449	64
Lincoln	5,639	537	11
Lyon	25,474	715	36
McLeod	35,893	491	73
Mahnomen	5,527	558	10

Table 4. Population per Square Mile by State/County/CHB, Minnesota, 2019.

	Population ¹	Land area in square miles ²	Population per square mile
State of Minnesota	5,639,632	79,627	71
Marshall	9,336	1,775	5
Martin	19,683	712	28
Meeker	23,222	608	38
Mille Lacs	26,277	572	46
Morrison	33,386	1,125	30
Mower	40,062	711	56
Murray	8,194	705	12
Nicollet	34,274	448	76
Nobles	21,629	715	30
Norman	6,375	873	7
Olmsted	158,293	653	242
Otter Tail	58,746	1,972	30
Pennington	14,119	617	23
Pine	29,579	1,411	21
Pipestone	9,126	465	20
Polk	31,364	1,971	16
Pope	11,249	670	17
Ramsey	550,321	152	3,616
Red Lake	4,055	432	9
Redwood	15,170	879	17
Renville	14,548	983	15
Rice	66,972	496	135
Rock	9,315	482	19
Roseau	15,165	1,672	9
St. Louis	199,070	6,247	32
Scott	149,013	356	418
Sherburne	97,238	433	225
Sibley	14,865	589	25
Stearns	161,075	1,343	120
Steele	36,649	430	85
Stevens	9,805	564	17
Swift	9,266	742	12
Todd	24,664	945	26
Traverse	3,259	574	6
Wabasha	21,627	523	41
Wadena	13,682	536	26
Waseca	18,612	423	44
Washington	262,440	384	683
Watonwan	10,897	435	25
Wilkin	6,207	751	8
Winona	50,484	626	81
Wright	138,377	661	209
Yellow Medicine	9,709	759	13

Table 4. Population per Square Mile by State/County/CHB, Minnesota, 2019.

	Population ¹	Land area in square miles ²	Population per square mile
State of Minnesota	5,639,632	79,627	71
CHB - Aitkin, Itasca, Koochiching	73,245	7,593	10
CHB - Clearwater, Hubbard, Lake of the Woods	34,049	3,222	11
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	42,389	3,346	13
CHB - Brown, Nicollet	59,282	1,060	56
CHB - Carlton, Cook, Lake, St. Louis	251,045	10,670	24
CHB - Cottonwood, Jackson	21,042	1,342	16
CHB - Clay, Wilkin, Becker, Otter Tail	163,598	5,084	32
CHB - Douglas, Grant, Pope, Stevens, Traverse	68,426	2,993	23
CHB - Dodge, Steele	57,583	869	66
CHB - Fillmore, Houston	39,667	1,413	28
CHB - Faribault, Martin	33,336	1,425	23
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	46,973	5,594	8
CHB - Kandiyohi, Renville	57,747	1,780	32
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	72,918	3,782	19
CHB - LeSueur, Waseca	47,499	872	54
CHB - Meeker, McLeod, Sibley	73,980	1,688	44
CHB - Mahnomen, Norman, Polk	43,266	3,402	13
CHB - Morrison, Todd, Wadena	71,732	2,606	28
Metro CHBs			
CHB - Bloomington	85,332	35	2,461
CHB - Edina	51,746	15	3,349
CHB - Minneapolis	420,324	54	7,788
CHB - Richfield	36,063	7	5,249
CHB - St. Paul	304,547	52	5,859

¹ Annual Estimates of the Resident Population for the United States, States, Counties: April 1, 2010 to July 1, 2019. Source: U.S. Census Bureau [<https://data.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, 2019.

	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	6.9%	23.7%	71.6%	26.0%	54.9%
Aitkin	8.8%	34.0%	82.2%	35.2%	49.3%
Anoka	6.0%	17.9%	80.1%	25.7%	42.3%
Becker	6.9%	29.6%	78.5%	24.9%	54.5%
Beltrami	7.9%	40.6%	67.1%	43.1%	44.7%
Benton	8.3%	28.0%	67.4%	30.2%	44.4%
Big Stone	7.4%	31.4%	72.9%	23.1%	76.3%
Blue Earth	5.5%	34.4%	62.0%	29.4%	56.3%
Brown	6.5%	23.9%	79.2%	20.9%	73.2%
Carlton	6.0%	26.0%	79.8%	30.4%	59.0%
Carver	3.9%	10.4%	81.9%	15.0%	27.6%
Cass	7.8%	34.3%	81.5%	37.4%	40.1%
Chippewa	10.6%	30.2%	66.7%	25.8%	78.5%
Chisago	5.4%	17.0%	86.4%	20.2%	38.1%
Clay	5.1%	26.1%	67.5%	22.2%	52.9%
Clearwater	13.9%	36.3%	81.3%	29.2%	52.0%
Cook	2.9%	28.3%	76.9%	27.4%	47.4%
Cottonwood	10.6%	32.0%	78.1%	23.0%	82.8%
Crow Wing	5.9%	28.2%	76.5%	28.1%	43.6%
Dakota	4.9%	16.7%	74.0%	25.0%	36.7%
Dodge	5.1%	20.1%	83.9%	28.2%	54.7%
Douglas	4.9%	24.1%	74.3%	22.3%	47.7%
Faribault	7.4%	30.2%	77.5%	24.4%	86.5%
Fillmore	9.0%	27.7%	80.8%	16.6%	67.1%
Freeborn	11.2%	31.8%	76.7%	39.3%	78.6%
Goodhue	5.6%	22.3%	75.3%	25.9%	60.6%
Grant	7.1%	32.7%	77.4%	24.8%	66.0%
Hennepin	6.7%	23.0%	62.4%	26.6%	63.0%
Houston	4.9%	21.0%	80.1%	21.9%	61.1%
Hubbard	7.0%	29.9%	81.2%	29.9%	43.6%
Isanti	7.5%	21.1%	82.5%	25.5%	43.1%
Itasca	6.0%	31.1%	81.3%	23.9%	54.2%

Table 5. Selected Minnesota Socioeconomic Statistics by State/County/CHB, 2019.

	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	6.9%	23.7%	71.6%	26.0%	54.9%
Jackson	7.3%	27.7%	81.0%	21.7%	79.4%
Kanabec	9.8%	30.0%	84.8%	25.5%	52.3%
Kandiyohi	11.0%	32.1%	74.0%	33.2%	59.9%
Kittson	5.5%	29.1%	80.5%	27.7%	74.4%
Koochiching	8.1%	33.3%	78.8%	37.8%	63.4%
Lac Qui Parle	6.7%	27.9%	80.9%	24.3%	82.3%
Lake	5.3%	26.0%	82.0%	29.4%	61.9%
Lake of the Woods	7.0%	30.4%	80.9%	35.6%	44.2%
Le Sueur	6.1%	22.8%	81.6%	24.7%	57.2%
Lincoln	8.1%	28.4%	78.8%	16.7%	77.3%
Lyon	8.0%	33.1%	68.4%	30.3%	65.1%
McLeod	6.9%	26.7%	77.7%	26.1%	57.9%
Mahnomen	13.1%	49.3%	68.0%	55.8%	58.8%
Marshall	10.0%	24.3%	82.6%	20.6%	70.8%
Martin	6.8%	28.9%	73.8%	29.8%	80.3%
Meeker	7.4%	23.6%	80.4%	21.4%	60.6%
Mille Lacs	10.2%	33.2%	75.1%	38.5%	51.2%
Morrison	9.3%	29.2%	77.2%	24.9%	54.2%
Mower	12.4%	33.7%	73.0%	32.1%	76.9%
Murray	9.8%	24.8%	81.2%	23.0%	69.7%
Nicollet	6.0%	23.3%	73.9%	28.1%	52.2%
Nobles	23.7%	38.4%	70.7%	34.1%	77.3%
Norman	8.1%	30.4%	81.9%	18.4%	78.6%
Olmsted	5.4%	20.4%	72.7%	23.6%	43.7%
Otter Tail	7.9%	27.6%	78.3%	24.7%	52.7%
Pennington	6.8%	25.4%	72.8%	35.5%	66.2%
Pine	9.6%	32.2%	80.9%	26.8%	42.9%
Pipestone	10.4%	33.5%	74.9%	18.7%	77.8%
Polk	8.1%	27.8%	72.9%	29.7%	66.7%
Pope	6.0%	22.9%	77.5%	19.1%	61.9%

Table 5. Selected Minnesota Socioeconomic Statistics by State/County/CHB, 2019.

	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	6.9%	23.7%	71.6%	26.0%	54.9%
Ramsey	9.7%	31.0%	59.4%	33.2%	71.9%
Red Lake	7.4%	25.8%	83.6%	27.5%	69.0%
Redwood	9.1%	30.5%	78.5%	27.1%	79.1%
Renville	9.5%	26.9%	78.0%	25.9%	78.9%
Rice	8.9%	25.0%	74.0%	27.1%	53.6%
Rock	6.7%	24.8%	75.5%	14.4%	74.1%
Roseau	7.1%	25.1%	81.6%	24.5%	49.1%
St. Louis	5.5%	31.1%	71.3%	31.0%	72.2%
Scott	5.3%	14.0%	82.8%	16.0%	24.8%
Sherburne	5.4%	15.9%	83.6%	23.0%	29.7%
Sibley	9.3%	25.0%	79.1%	20.2%	70.2%
Stearns	8.3%	28.3%	68.1%	24.9%	46.4%
Steele	7.5%	24.4%	75.2%	21.9%	63.2%
Stevens	6.0%	26.0%	68.5%	9.3%	66.3%
Swift	9.4%	31.8%	70.3%	34.9%	78.0%
Todd	13.0%	33.1%	82.6%	20.7%	59.4%
Traverse	6.7%	26.4%	79.6%	21.3%	73.6%
Wabasha	6.6%	20.6%	78.6%	23.3%	56.4%
Wadena	9.4%	37.8%	76.5%	29.2%	63.1%
Waseca	7.0%	28.3%	77.5%	27.9%	67.0%
Washington	3.9%	12.9%	81.1%	21.5%	34.6%
Watonwan	15.5%	32.5%	76.9%	29.0%	77.2%
Wilkin	5.1%	24.2%	78.1%	27.0%	66.5%
Winona	6.5%	29.0%	70.4%	22.7%	62.2%
Wright	5.1%	14.1%	81.6%	16.3%	34.5%
Yellow Medicine	8.7%	30.3%	79.4%	27.7%	81.1%

Table 5. Selected Minnesota Socioeconomic Statistics by State/County/CHB, 2019.

	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	6.9%	23.7%	71.6%	26.0%	54.9%
CHB - Aitkin, Itasca, Koochiching	7.7%	32.1%	81.1%	28.3%	54.0%
CHB - Clearwater, Hubbard, Lake of the Woods	1.7%	31.6%	81.2%	30.3%	45.4%
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	10.0%	30.4%	73.3%	27.8%	79.3%
CHB - Brown, Nicollet	9.9%	23.5%	76.3%	25.1%	61.9%
CHB - Carlton, Cook, Lake, St. Louis	13.4%	30.1%	73.0%	30.8%	68.9%
CHB - Cottonwood, Jackson	9.1%	30.0%	79.5%	22.4%	81.1%
CHB - Clay, Wilkin, Becker, Otter Tail	6.6%	27.4%	74.3%	23.8%	53.7%
CHB - Douglas, Grant, Pope, Stevens, Traverse	5.5%	25.0%	74.7%	20.1%	55.4%
CHB - Dodge, Steele	6.6%	22.9%	78.2%	24.3%	60.3%
CHB - Fillmore, Houston	7.0%	24.5%	80.5%	18.9%	64.3%
CHB - Faribault, Martin	7.0%	29.5%	75.3%	27.6%	82.9%
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	7.5%	25.5%	79.2%	27.6%	62.8%
CHB - Kandiyohi, Renville	10.6%	30.8%	75.1%	31.4%	65.0%
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	8.6%	30.2%	74.6%	24.3%	72.4%
CHB - LeSueur, Waseca	6.5%	24.9%	79.9%	25.9%	61.0%
CHB - Meeker, McLeod, Sibley	7.5%	25.4%	78.8%	23.4%	61.2%
CHB - Mahnomen, Norman, Polk	8.7%	31.0%	73.8%	31.4%	67.6%
CHB - Morrison, Todd, Wadena	10.6%	32.2%	78.9%	24.4%	57.8%

Table 5. Selected Minnesota Socioeconomic Statistics by State/County/CHB, 2019.

	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	6.9%	23.7%	71.6%	26.0%	54.9%
Metro CHBs					
CHB - Bloomington	7.3%	18.8%	67.3%	25.1%	70.4%
CHB - Edina	1.8%	12.1%	70.8%	11.6%	72.3%
CHB - Minneapolis	10.3%	36.2%	47.2%	38.2%	77.2%
CHB - Richfield	10.6%	26.4%	60.5%	24.7%	80.8%
CHB - St. Paul	13.7%	39.4%	50.3%	38.4%	81.5%

Source: American Community Survey, 5-year estimates 2015-2019 from: US Census Bureau [<https://data.census.gov/>]; tables S1501, S1701, B25008, B09002, B25034.

Table 6. MinnesotaCare Average Monthly Eligibles by State/County/CHB, 2019.

	Families with Children	Adults with No Children	Total
State of Minnesota	33,947	37,838	71,785
Aitkin	120	215	335
Anoka	2,379	2,344	4,723
Becker	227	258	485
Beltrami	316	355	671
Benton	240	242	482
Big Stone	47	60	107
Blue Earth	325	369	694
Brown	135	155	290
Carlton	186	245	431
Carver	389	422	811
Cass	275	342	617
Chippewa	93	86	179
Chisago	321	372	693
Clay	368	357	725
Clearwater	60	80	140
Cook	45	99	144
Cottonwood	76	66	142
Crow Wing	466	655	1,121
Dakota	2,556	2,361	4,917
Dodge	81	94	175
Douglas	254	302	556
Faribault	111	122	233
Fillmore	150	126	276
Freeborn	206	254	460
Goodhue	200	248	448
Grant	56	64	120
Hennepin	7,417	9,136	16,553
Houston	67	101	168
Hubbard	176	214	390
Isanti	251	255	506
Itasca	328	445	773
Jackson	55	69	124
Kanabec	112	148	260
Kandiyohi	283	307	590
Kittson	27	36	63
Koochiching	94	116	210
Lac Qui Parle	44	57	101
Lake	58	106	164
Lake of the Woods	29	58	87
Le Sueur	135	133	268
Lincoln	34	51	85
Lyon	156	167	323
McLeod	178	204	382
Mahnomen	56	32	88

Table 6. MinnesotaCare Average Monthly Eligibles by State/County/CHB, 2019.

	Families with Children	Adults with No Children	Total
State of Minnesota	33,947	37,838	71,785
Marshall	66	58	124
Martin	130	132	262
Meeker	177	154	331
Mille Lacs	199	199	398
Morrison	238	290	528
Mower	192	218	410
Murray	50	78	128
Nicollet	136	153	289
Nobles	103	90	193
Norman	45	59	104
Olmsted	720	839	1,559
Otter Tail	388	484	872
Pennington	80	77	157
Pine	159	296	455
Pipestone	58	54	112
Polk	192	170	362
Pope	73	84	157
Ramsey	4,520	4,570	9,090
Red Lake	17	23	40
Redwood	89	114	203
Renville	92	106	198
Rice	283	329	612
Rock	56	40	96
Roseau	69	117	186
St. Louis	979	1,594	2,573
Scott	851	757	1,608
Sherburne	553	435	988
Sibley	90	103	193
Stearns	872	956	1,828
Steele	197	176	373
Stevens	42	37	79
Swift	51	60	111
Todd	195	212	407
Traverse	35	25	60
Wabasha	91	122	213
Wadena	102	139	241
Waseca	113	125	238
Washington	1,211	1,250	2,461
Watsonwan	83	63	146
Wilkin	46	37	83
Winona	192	276	468
Wright	852	706	1,558
Yellow Medicine	78	103	181

Table 6. MinnesotaCare Average Monthly Eligibles by State/County/CHB, 2019.

	Families with Children	Adults with No Children	Total
State of Minnesota	33,947	37,838	71,785
CHB - Aitkin, Itasca, Koochiching	542	776	1,318
CHB - Clearwater, Hubbard, Lake of the Woods	265	352	617
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	313	366	679
CHB - Brown, Nicollet	271	308	579
CHB - Carlton, Cook, Lake, St. Louis	1,268	2,044	3,312
CHB - Cottonwood, Jackson	131	135	266
CHB - Clay, Wilkin, Becker, Otter Tail	1,029	1,136	2,165
CHB - Douglas, Grant, Pope, Stevens, Traverse	460	512	972
CHB - Dodge, Steele	278	270	548
CHB - Fillmore, Houston	217	227	444
CHB - Faribault, Martin	177	180	357
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	249	285	534
CHB - Kandiyohi, Renville	375	413	788
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	443	504	947
CHB - LeSueur, Waseca	248	258	506
CHB - Meeker, McLeod, Sibley	397	389	786
CHB - Mahnommen, Norman, Polk	415	433	848
CHB - Morrison, Todd, Wadena	535	641	1,176
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, 2019.

	All Families and Children	Adults with No Children	Elderly	Disabled	Total ¹
State of Minnesota	709,837	201,942	66,740	113,919	1,092,438
Aitkin	2,245	789	337	407	3,778
Anoka	41,900	10,446	2,842	5,985	61,173
Becker	5,823	1,448	457	625	8,353
Beltrami	10,215	2,674	693	1,215	14,797
Benton	5,852	1,451	428	962	8,693
Big Stone	807	216	145	148	1,316
Blue Earth	7,542	2,468	711	1,483	12,204
Brown	2,889	622	358	519	4,388
Carlton	4,397	1,396	521	747	7,061
Carver	6,470	1,724	541	1,075	9,810
Cass	5,711	1,733	465	674	8,583
Chippewa	2,148	422	206	256	3,032
Chisago	5,522	1,583	383	872	8,360
Clay	9,379	2,241	729	1,623	13,972
Clearwater	1,505	396	147	166	2,214
Cook	648	266	78	50	1,042
Cottonwood	2,071	406	205	306	2,988
Crow Wing	9,877	2,826	841	1,286	14,830
Dakota	44,588	11,496	3,188	6,682	65,954
Dodge	0	0	0	0	0
Douglas	4,097	1,030	440	769	6,336
Faribault	2,306	610	264	359	3,539
Fillmore	2,627	685	324	321	3,957
Freeborn	4,871	1,048	491	704	7,114
Goodhue	4,275	1,106	499	773	6,653
Grant	960	215	87	106	1,368
Hennepin	151,360	54,927	16,869	28,986	252,142
Houston	1,848	497	208	318	2,871
Hubbard	3,654	847	320	499	5,320
Isanti	5,225	1,367	331	713	7,636
Itasca	6,614	1,950	759	1,234	10,557
Jackson	1,329	332	127	190	1,978
Kanabec	2,510	859	254	409	4,032
Kandiyohi	8,462	1,692	549	1,015	11,718
Kittson	597	130	97	88	912
Koochiching	1,628	626	263	359	2,876
Lac Qui Parle	924	213	139	160	1,436
Lake	1,077	396	151	186	1,810
Lake of the Woods	574	145	60	93	872
Le Sueur	3,078	680	229	485	4,472
Lincoln	721	166	109	99	1,095
Lyon	4,366	797	351	573	6,087
McLeod	4,273	937	413	619	6,242
Mahnomen	1,552	483	92	98	2,225

Table 7. Medical Assistance, Avg Monthly Eligibles by State/County/CHB, 2019.

	All Families and Children	Adults with No Children	Elderly	Disabled	Total ¹
State of Minnesota	709,837	201,942	66,740	113,919	1,092,438
Marshall	1,053	270	144	176	1,643
Martin	3,182	838	323	556	4,899
Meeker	3,078	634	284	436	4,432
Mille Lacs	4,527	1,342	407	621	6,897
Morrison	4,962	1,342	584	697	7,585
Mower	7,303	1,396	660	1,074	10,433
Murray	1,119	232	116	138	1,605
Nicollet	3,760	842	280	539	5,421
Nobles	4,327	457	270	390	5,444
Norman	1,190	223	129	163	1,705
Olmsted	16,936	4,688	1,614	2,636	25,874
Otter Tail	8,617	2,034	931	1,166	12,748
Pennington	1,415	385	219	273	2,292
Pine	4,118	1,293	445	648	6,504
Pipestone	1,570	268	177	186	2,201
Polk	5,253	1,403	543	792	7,991
Pope	1,486	344	206	257	2,293
Ramsey	96,549	27,783	9,076	14,779	148,187
Red Lake	555	131	63	65	814
Redwood	2,421	474	217	297	3,409
Renville	2,542	542	197	297	3,578
Rice	8,391	1,816	629	982	11,818
Rock	1,155	235	131	173	1,694
Roseau	1,720	430	218	209	2,577
St. Louis	22,888	9,283	3,182	5,993	41,346
Scott	13,337	3,072	957	1,715	19,081
Sherburne	10,607	2,156	525	1,271	14,559
Sibley	1,972	476	201	269	2,918
Stearns	22,283	5,441	1,540	3,082	32,346
Steele	10,309	2,150	831	1,394	14,684
Stevens	1,024	253	105	162	1,544
Swift	1,484	292	197	272	2,245
Todd	3,928	889	506	522	5,845
Traverse	582	118	89	102	891
Wabasha	2,250	617	269	329	3,465
Wadena	2,691	635	296	484	4,106
Waseca	0	0	0	0	0
Washington	19,531	5,807	1,578	3,037	29,953
Watonwan	1,718	278	163	233	2,392
Wilkin	946	207	117	152	1,422
Winona	4,550	1,484	605	1,125	7,764
Wright	12,551	2,731	849	1,772	17,903
Yellow Medicine	1,440	310	166	218	2,134

Table 7. Medical Assistance, Avg Monthly Eligibles by State/County/CHB, 2019.

	All Families and Children	Adults with No Children	Elderly	Disabled	Total ¹
State of Minnesota	709,837	201,942	66,740	113,919	1,092,438
CHB - Aitkin, Itasca, Koochiching	10,487	3,365	1,359	2,000	17,211
CHB - Clearwater, Hubbard, Lake of the Woods	5,733	1,388	527	758	8,406
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	6,803	1,453	853	1,054	10,163
CHB - Brown, Nicollet	6,649	1,464	638	1,058	9,809
CHB - Carlton, Cook, Lake, St. Louis	29,010	11,341	3,932	6,976	51,259
CHB - Cottonwood, Jackson	3,400	738	332	496	4,966
CHB - Clay, Wilkin, Becker, Otter Tail	24,765	5,930	2,234	3,566	36,495
CHB - Douglas, Grant, Pope, Stevens, Traverse	8,149	1,960	927	1,396	12,432
CHB - Dodge, Steele	10,309	2,150	831	1,394	14,684
CHB - Fillmore, Houston	4,475	1,182	532	639	6,828
CHB - Faribault, Martin	3,359	880	408	535	5,182
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	5,839	1,559	689	733	8,820
CHB - Kandiyohi, Renville	11,004	2,234	746	1,312	15,296
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	11,352	2,172	1,101	1,466	16,091
CHB - LeSueur, Waseca	3,078	680	229	485	4,472
CHB - Meeker, McLeod, Sibley	8,232	1,948	808	1,261	12,249
CHB - Mahnomen, Norman, Polk	10,716	2,563	1,085	1,574	15,938
CHB - Morrison, Todd, Wadena	11,581	2,866	1,386	1,703	17,536
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, 2019-20 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	566,472	99,026	14,546	61,441	47,652	86,103	875,240
Aitkin	1,616	17	172	6	63	43	1,917
Anoka	35,485	7,087	366	3,503	4,067	5,060	55,568
Becker	3,619	37	747	34	415	120	4,972
Beltrami	4,568	92	2,772	44	585	166	8,227
Benton	5,820	391	35	70	313	235	6,864
Big Stone	768	2	2	1	18	17	808
Blue Earth	6,769	973	29	151	388	491	8,801
Brown	2,975	30	3	16	55	385	3,464
Carlton	5,239	30	382	31	538	124	6,344
Carver	15,206	601	47	541	780	1,344	18,519
Cass	2,762	21	1,222	11	236	90	4,342
Chippewa	1,521	19	90	31	71	279	2,011
Chisago	6,547	62	38	134	226	236	7,243
Clay	8,241	750	257	92	587	823	10,750
Clearwater	1,026	7	247	4	116	25	1,425
Cook	460	3	95	3	36	30	627
Cottonwood	1,195	35	4	137	74	350	1,795
Crow Wing	8,928	109	142	51	324	148	9,702
Dakota	46,237	8,158	353	4,517	4,692	9,440	73,397
Dodge	3,369	39	8	13	105	361	3,895
Douglas	5,237	40	11	39	159	211	5,697
Faribault	1,685	21	4	7	55	280	2,052
Fillmore	2,788	17	0	13	69	56	2,943
Freeborn	2,789	110	5	288	162	846	4,200
Goodhue	6,465	177	126	78	307	408	7,561
Grant	990	9	2	0	29	25	1,055
Hennepin	83,740	41,362	1,814	17,855	11,137	22,749	178,657
Houston	3,355	186	17	52	186	149	3,945
Hubbard	2,250	18	112	3	150	136	2,669
Isanti	5,408	68	26	98	288	193	6,081
Itasca	5,352	41	487	21	618	164	6,683

Table 8. Pre-Kindergarten to 12th Grade Enrollment¹ by Race/Ethnicity, 2019-20 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	566,472	99,026	14,546	61,441	47,652	86,103	875,240
Jackson	1,263	32	5	22	46	105	1,473
Kanabec	1,946	17	14	7	58	47	2,089
Kandiyohi	3,659	821	23	159	105	1,838	6,605
Kittson	558	6	0	5	8	23	600
Koochiching	1,368	6	117	5	61	25	1,582
Lac Qui Parle	985	6	8	51	40	60	1,150
Lake	1,292	6	10	6	28	17	1,359
Lake of the Woods	436	5	6	2	32	16	497
Le Sueur	2,865	46	27	12	101	443	3,494
Lincoln	497	1	0	1	14	23	536
Lyon	3,433	224	27	373	162	594	4,813
McLeod	4,482	51	14	38	159	694	5,438
Mahnomen	152	2	745	2	218	31	1,150
Marshall	1,234	3	3	1	40	118	1,399
Martin	2,509	29	7	19	93	334	2,991
Meeker	2,649	21	8	8	55	220	2,961
Mille Lacs	5,245	28	344	30	244	182	6,073
Morrison	5,099	84	41	19	166	163	5,572
Mower	3,780	524	16	574	199	1,571	6,664
Murray	950	4	9	35	17	66	1,081
Nicollet	3,736	457	12	70	197	496	4,968
Nobles	1,978	241	17	346	133	2,351	5,066
Norman	780	3	16	5	76	103	983
Olmsted	15,777	3,132	80	1,795	1,405	2,152	24,341
Otter Tail	6,763	284	54	70	342	637	8,150
Pennington	1,838	31	64	30	109	149	2,221
Pine	3,180	30	227	23	192	128	3,780
Pipestone	1,393	37	23	9	83	248	1,793
Polk	3,923	250	179	21	193	543	5,109
Pope	1,281	10	6	17	42	42	1,398

Table 8. Pre-Kindergarten to 12th Grade Enrollment¹ by Race/Ethnicity, 2019-20 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	566,472	99,026	14,546	61,441	47,652	86,103	875,240
Ramsey	31,176	18,484	687	22,042	5,610	10,819	88,818
Red Lake	703	2	8	0	25	42	780
Redwood	1,917	19	334	91	74	92	2,527
Renville	1,613	8	15	8	47	314	2,005
Rice	5,801	993	13	135	289	1,618	8,849
Rock	1,411	23	6	13	45	90	1,588
Roseau	2,270	39	83	93	132	38	2,655
St. Louis	20,456	706	744	210	2,057	699	24,872
Scott	19,382	1,912	213	1,673	1,390	2,432	27,002
Sherburne	13,283	756	58	257	745	631	15,730
Sibley	1,485	18	4	8	76	481	2,072
Stearns	16,639	4,263	81	424	992	1,732	24,131
Steele	5,329	435	5	68	193	961	6,991
Stevens	1,338	15	19	9	41	197	1,619
Swift	1,438	27	5	76	38	201	1,785
Todd	2,027	12	20	30	63	519	2,671
Traverse	395	3	100	1	18	34	551
Wabasha	3,254	39	4	19	71	255	3,642
Wadena	2,957	24	17	23	125	79	3,225
Waseca	2,570	100	7	29	84	330	3,120
Washington	32,225	3,366	189	4,157	2,660	3,385	45,982
Watonwan	832	6	3	14	23	955	1,833
Wilkin	922	9	14	3	48	57	1,053
Winona	3,913	197	12	111	250	353	4,836
Wright	24,598	651	70	337	1,052	1,280	27,988
Yellow Medicine	1,077	16	118	11	37	106	1,365

Table 8. Pre-Kindergarten to 12th Grade Enrollment¹ by Race/Ethnicity, 2019-20 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	566,472	99,026	14,546	61,441	47,652	86,103	875,240
CHB - Aitkin, Itasca, Koochiching	8,336	64	776	32	742	232	10,182
CHB - Clearwater, Hubbard, Lake of the Woods	3,712	30	365	9	298	177	4,591
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	5,789	70	223	170	204	663	7,119
CHB - Brown, Nicollet	6,711	487	15	86	252	881	8,432
CHB - Carlton, Cook, Lake, St. Louis	27,447	745	1,231	250	2,659	870	33,202
CHB - Cottonwood, Jackson	2,458	67	9	159	120	455	3,268
CHB - Clay, Wilkin, Becker, Otter Tail	19,545	1,080	1,072	199	1,392	1,637	24,925
CHB - Douglas, Grant, Pope, Stevens, Traverse	9,241	77	138	66	289	509	10,320
CHB - Dodge, Steele	8,698	474	13	81	298	1,322	10,886
CHB - Fillmore, Houston	6,143	203	17	65	255	205	6,888
CHB - Faribault, Martin	4,194	50	11	26	148	614	5,043
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	6,603	81	158	129	314	370	7,655
CHB - Kandiyohi, Renville	5,272	829	38	167	152	2,152	8,610
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	9,601	308	399	522	395	1,113	12,338
CHB - LeSueur, Waseca	5,435	146	34	41	185	773	6,614
CHB - Meeker, McLeod, Sibley	8,616	90	26	54	290	1,395	10,471
CHB - Mahnomen, Norman, Polk	4,855	255	940	28	487	677	7,242
CHB - Morrison, Todd, Wadena	10,083	120	78	72	354	761	11,468

Table 8. Pre-Kindergarten to 12th Grade Enrollment¹ by Race/Ethnicity, 2019-20 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	566,472	99,026	14,546	61,441	47,652	86,103	875,240
Metro CHBs²							
CHB - Bloomington Public School District	5,040	1,884	54	731	816	2,067	10,592
CHB - Edina Public School District	6,057	590	10	832	452	504	8,445
CHB - Minneapolis Public School District	12,785	11,609	971	1,620	1,667	5,960	34,612
CHB - Richfield Public School District	1,239	632	41	228	398	1,753	4,291
CHB - St. Paul Public School District	7,682	9,294	362	11,091	2,576	4,999	36,004

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, 2019.

State/County/CHB	Child	Total		Family Assessment			
	Population ¹ ages 0-17	Unique Child	Rate per 1,000	Neglect	Sexual Abuse	Mental Injury	Physical Abuse
State of Minnesota	1,298,657	38,872	29.9	23,623	5,549	1,353	11,569
Aitkin	2,658	149	56.1	102	22	9	45
Anoka	84,396	1,480	17.5	906	199	21	467
Becker	8,391	237	28.2	158	52	0	54
Beltrami	11,769	428	36.4	275	40	22	105
Benton	10,255	263	25.6	154	27	7	65
Big Stone	1,052	14	13.3	9	1	1	2
Blue Earth	13,246	443	33.4	330	37	1	87
Brown	5,494	215	39.1	139	39	14	49
Carlton	8,042	328	40.8	178	81	72	98
Carver	27,701	460	16.6	218	68	20	110
Cass	6,243	239	38.3	156	29	56	53
Chippewa	2,808	142	50.6	100	16	2	34
Chisago	12,729	364	28.6	216	38	9	125
Clay	15,804	426	27.0	271	67	18	86
Clearwater	2,185	122	55.8	80	12	15	31
Cook	851	55	64.6	35	11	10	9
Cottonwood	Only reported as Des Moines Valley (see below)						
Crow Wing	14,053	352	25.0	162	60	10	168
Dakota	103,669	1,961	18.9	1,321	238	10	519
Dodge	Only reported as MN Prairie (see below)						
Douglas	8,182	346	42.3	220	51	75	83
Faribault	Only reported as Faribault-Martin (see below)						
Fillmore	5,191	74	14.3	39	8	0	27
Freeborn	6,677	313	46.9	202	32	16	132
Goodhue	10,293	235	22.8	149	35	1	67
Grant	1,364	121	88.7	93	6	27	30
Hennepin	276,541	7,891	28.5	4,090	1,383	145	2,167
Houston	4,035	104	25.8	70	11	2	21
Hubbard	4,513	501	111.0	299	57	92	154
Isanti	9,395	221	23.5	136	27	3	73

Table 9. Child Subjects of Maltreatment, Minnesota Residents, 2019.

State/County/CHB	Child	Total		Family Assessment			
	Population ¹ ages 0-17	Unique Child	Rate per 1,000	Neglect	Sexual Abuse	Mental Injury	Physical Abuse
State of Minnesota	1,298,657	38,872	29.9	23,623	5,549	1,353	11,569
Itasca	9,370	508	54.2	338	94	21	85
Jackson	Only reported as Demoinis Valley (see below)						
Kanabec	3,490	143	41.0	96	17	12	38
Kandiyohi	10,514	299	28.4	229	36	15	74
Kittson	909	20	22.0	19	1	1	1
Koochiching	2,265	121	53.4	90	9	10	22
Lac Qui Parle	1,342	74	55.1	51	9	5	7
Lake	2,005	45	22.4	28	1	10	12
Lake of the Woods	715	34	47.6	21	0	0	13
Le Sueur	6,808	163	23.9	104	11	7	47
Lincoln	Only reported as SouthWest HHS (see below)						
Lyon	Only reported as SouthWest HHS (see below)						
McLeod	8,254	339	41.1	195	70	17	79
Mahnomen	1,748	40	22.9	26	6	3	7
Marshall	2,158	67	31.0	43	8	2	8
Martin	Only reported as Faribault-Martin (see below)						
Meeker	5,594	158	28.2	103	23	5	45
Mille Lacs	6,292	303	48.2	189	57	8	72
Morrison	7,761	131	16.9	96	9	3	32
Mower	10,093	411	40.7	260	57	8	131
Murray	Only reported as SouthWest HHS (see below)						
Nicollet	7,585	176	23.2	100	28	13	51
Nobles	6,004	220	36.6	112	31	2	61
Norman	1,559	70	44.9	47	14	4	20
Olmsted	38,258	876	22.9	624	108	10	181
Otter Tail	12,881	455	35.3	291	66	23	104
Pennington	3,225	48	14.9	30	3	1	16
Pine	5,775	245	42.4	134	31	3	81
Pipestone	Only reported as SouthWest HHS (see below)						
Polk	7,629	280	36.7	197	19	25	55
Pope	2,305	113	49.0	81	11	13	22

Table 9. Child Subjects of Maltreatment, Minnesota Residents, 2019.

State/County/CHB	Child Population ¹ ages 0-17	Total		Family Assessment			
		Unique Child	Rate per 1,000	Neglect	Sexual Abuse	Mental Injury	Physical Abuse
State of Minnesota	1,298,657	38,872	29.9	23,623	5,549	1,353	11,569
Ramsey	128,232	3,704	28.9	2,143	447	121	866
Red Lake	966	24	24.8	16	2	0	5
Redwood	Only reported as SouthWest HHS (see below)						
Renville	3,385	291	86.0	193	49	66	68
Rice	14,537	490	33.7	288	44	18	194
Rock	Only reported as SouthWest HHS (see below)						
Roseau	3,651	81	22.2	63	8	1	16
St. Louis	38,011	2,849	75.0	1,837	515	109	684
Scott	40,458	804	19.9	387	114	26	252
Sherburne	25,433	611	24.0	348	85	35	206
Sibley	3,542	177	50.0	115	14	12	49
Stearns	36,701	1,251	34.1	676	239	46	310
Steele	Only reported as MN Prairie (see below)						
Stevens	2,050	124	60.5	78	31	28	16
Swift	2,162	88	40.7	73	6	3	13
Todd	5,852	190	32.5	131	34	3	39
Traverse	693	89	128.4	69	9	22	23
Wabasha	4,712	122	25.9	81	19	9	29
Wadena	3,532	188	53.2	126	15	40	49
Waseca	Only reported as MN Prairie (see below)						
Washington	63,678	937	14.7	516	145	25	332
Watonwan	2,683	90	33.5	45	10	0	38
Wilkin	1,402	80	57.1	56	7	1	22
Winona	9,158	252	27.5	167	19	30	58
Wright	38,003	724	19.1	383	123	33	181
Yellow Medicine	2,303	114	49.5	72	18	10	30

Table 9. Child Subjects of Maltreatment, Minnesota Residents, 2019.

State/County/CHB	Child	Total		Family Assessment			
	Population ¹ ages 0-17	Unique Child	Rate per 1,000	Neglect	Sexual Abuse	Mental Injury	Physical Abuse
State of Minnesota	1,298,657	38,872	29.9	23,623	5,549	1,353	11,569
Leech Lake Band	1,975 ²	238	120.5	190	4	0	57
White Earth Nation	1,981 ²	219	110.6	193	8	3	40
CHB - Aitkin, Itasca, Koochiching	14,293	778	54.4	530	125	40	152
CHB - Clearwater, Hubbard, Lake of the Woods	7,413	657	88.6	400	69	107	198
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	9,667	432	44.7	305	50	21	86
CHB - Brown, Nicollet	13,079	391	29.9	239	67	27	100
CHB - Carlton, Cook, Lake, St. Louis	48,909	3,277	67.0	2,078	608	201	803
CHB - Cottonwood, Jackson	4,896	193	39.4	149	43	8	58
CHB - Clay, Wilkin, Becker, Otter Tail	38,478	1,198	31.1	776	192	42	266
CHB - Douglas, Grant, Pope, Stevens, Traverse	14,594	793	54.3	541	108	165	174
CHB - Dodge, Steele	Only reported as MN Prairie (see below)						
CHB - Fillmore, Houston	9,226	178	19.3	109	19	2	48
CHB - Faribault, Martin	7,355	372	50.6	0	0	0	0
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	10,909	240	22.0	171	22	5	46
CHB - Kandiyohi, Renville	13,899	590	42.4	422	85	81	142
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	18,280	587	32.1	358	113	22	137
CHB - LeSueur, Waseca	See Le Sueur county above; Waseca is included in MN Prairie (see below)						
CHB - Meeker, McLeod, Sibley	17,390	674	38.8	413	107	34	173
CHB - Mahnomen, Norman, Polk	10,936	390	35.7	270	39	32	82
CHB - Morrison, Todd, Wadena	17,145	509	29.7	353	58	46	120
MN Prairie	18,864	586	31.1	369	95	28	145

Table 9. Child Subjects of Maltreatment, Minnesota Residents, 2019.

State/County/CHB	Child	Total		Family Assessment			
	Population ¹ ages 0-17	Unique Child	Rate per 1,000	Neglect	Sexual Abuse	Mental Injury	Physical Abuse
State of Minnesota	1,298,657	38,872	29.9	23,623	5,549	1,353	11,569
Metro CHBs³							
CHB - Bloomington	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
CHB - Minneapolis	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
CHB - St. Paul	N/A	N/A	N/A	N/A	N/A	N/A	N/A

¹ Population estimates come from the US Census estimates for 2018, 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 Mahnomen, 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.

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, 2019.

	Child Population Ages 0-17 years	Total Children < 18 years	Children <18 per 1,000
State of Minnesota	1,306,571	14,649	11.2
Aitkin	2,658	41	15.4
Anoka	84,396	480	5.7
Becker	8,391	202	24.1
Beltrami	11,769	923	78.4
Benton	10,255	130	12.7
Big Stone	1,052	9	8.6
Blue Earth	13,246	169	12.8
Brown	5,494	58	10.6
Carlton	8,042	143	17.8
Carver	27,701	146	5.3
Cass	6,243	95	15.2
Chippewa	2,808	29	10.3
Chisago	12,729	124	9.7
Clay	15,804	249	15.8
Clearwater	2,185	29	13.3
Cook	851	7	8.2
Cottonwood	Only reported as Des Moines Valley (see below)		
Crow Wing	14,053	235	16.7
Dakota	103,669	444	4.3
Dodge	Only reported as MN Prairie (see below)		
Douglas	8,182	76	9.3
Faribault	Only reported as Faribault-Martin (see below)		
Fillmore	5,191	23	4.4
Freeborn	6,677	125	18.7
Goodhue	10,293	94	9.1
Grant	1,364	24	17.6
Hennepin	276,541	2698	9.8
Houston	4,035	42	10.4
Hubbard	4,513	91	20.2
Isanti	9,395	99	10.5
Itasca	9,370	271	28.9
Jackson	Only reported as Des Moines Valley (see below)		
Kanabec	3,490	27	7.7
Kandiyohi	10,514	147	14.0
Kittson	909	9	9.9
Koochiching	2,265	75	33.1
Lac Qui Parle	1,342	9	6.7
Lake	2,005	34	17.0
Lake of the Woods	715	11	15.4
Le Sueur	6,808	62	9.1
Lincoln	Only reported as SouthWest HHS (see below)		
Lyon	Only reported as SouthWest HHS (see below)		
McLeod	8,254	121	14.7
Mahnomen	1,748	27	15.4

Table 10. Children in Out-of-home Care per 1,000 in the Child Population (0-17 years old), Minnesota Residents, 2019.

	Child Population Ages 0-17 years	Total Children < 18 years	Children <18 per 1,000
State of Minnesota	1,306,571	14,649	11.2
Marshall	2,158	15	7.0
Martin	Only reported as Faribault-Martin (see below)		
Meeker	5,594	59	10.5
Mille Lacs	6,292	230	36.6
Morrison	7,761	114	14.7
Mower	10,093	83	8.2
Murray	Only reported as SouthWest HHS (see below)		
Nicollet	7,585	59	7.8
Nobles	6,004	68	11.3
Norman	1,559	20	12.8
Olmsted	38,258	180	4.7
Otter Tail	12,881	212	16.5
Pennington	3,225	30	9.3
Pine	5,775	110	19.0
Pipestone	Only reported as SouthWest HHS (see below)		
Polk	7,629	111	14.5
Pope	2,305	21	9.1
Ramsey	128,232	1427	11.1
Red Lake	966	4	4.1
Redwood	Only reported as SouthWest HHS (see below)		
Renville	3,385	58	17.1
Rice	14,537	225	15.5
Rock	Only reported as SouthWest HHS (see below)		
Roseau	3,651	43	11.8
St. Louis	38,011	1029	27.1
Scott	40,458	150	3.7
Sherburne	25,433	135	5.3
Sibley	3,542	31	8.8
Stearns	36,701	383	10.4
Steele	Only reported as MN Prairie (see below)		
Stevens	2,050	33	16.1
Swift	2,162	62	28.7
Todd	5,852	91	15.6
Traverse	693	15	21.6
Wabasha	4,712	28	5.9
Wadena	3,532	102	28.9
Waseca	Only reported as MN Prairie (see below)		
Washington	63,678	210	3.3
Watonwan	2,683	34	12.7
Wilkin	1,402	27	19.3
Winona	9,158	153	16.7
Wright	38,003	206	5.4
Yellow Medicine	2,303	32	13.9

Table 10. Children in Out-of-home Care per 1,000 in the Child Population (0-17 years old), Minnesota Residents, 2019.

	Child Population Ages 0-17 years	Total Children < 18 years	Children <18 per 1,000
State of Minnesota	1,306,571	14,649	11.2
Leech Lake Band	1,975 ^b	233	118.0
White Earth Band	1,981 ^b	381	192.3
CHB - Aitkin, Itasca, Koochiching	14,293	387	27.1
CHB - Clearwater, Hubbard, Lake of the Woods	7,413	131	17.7
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	9,667	141	14.6
CHB - Brown, Nicollet	13,079	117	8.9
CHB - Carlton, Cook, Lake, St. Louis	48,909	1,213	24.8
CHB - Cottonwood, Jackson	4,896	98	20.0
CHB - Clay, Wilkin, Becker, Otter Tail	38,478	178	4.6
CHB - Douglas, Grant, Pope, Stevens, Traverse	14,594	100	6.9
CHB - Dodge, Steele	Only reported as MN Prairie (see below)		
CHB - Fillmore, Houston	9,226	65	7.0
CHB - Faribault, Martin	7,355	133	18.1
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	10,909	219	20.1
CHB - Kandiyohi, Renville	13,899	450	32.4
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	18,280	242	13.2
CHB - LeSueur, Waseca	See Le Sueur county; Waseca is in MN Prairie (see below)		
CHB - Meeker, McLeod, Sibley	17,390	280	16.1
CHB - Mahnomon, Norman, Polk	10,936	118	10.8
CHB - Morrison, Todd, Wadena	17,145	466	27.2
MN Prairie	18,864	194	10.3

Table 10. Children in Out-of-home Care per 1,000 in the Child Population (0-17 years old), Minnesota Residents, 2019.

	Child Population Ages 0-17 years	Total Children < 18 years	Children <18 per 1,000
State of Minnesota	1,306,571	14,649	11.2
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 2018, 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 Mahnomon, 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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Natality Tables

Table 1. Selected Natality Statistics, Minnesota Residents, 2019

Table 2. Selected Fertility Statistics, Minnesota Residents, 2019

Table 3. Previous Births, Minnesota Residents, 2019

Table 4. Teen Birth and Pregnancy Rates, Minnesota Residents, 2019

Table 5. Race and Ethnicity of Mother, Minnesota Residents, 2019

Table 6. Educational Status of Mother, Minnesota Residents, 2019

Table 7. Selected Characteristics of Births, Minnesota Residents, 2019

Table 8. Prenatal Care Utilization, Minnesota Residents, 2019

Table 9. Route of Delivery, Minnesota Residents, 2019

Table 10. Prematurity and Low Birth Weight, Singletons, Minnesota Residents, 2019

Table 11. Infant Mortality, Minnesota Residents, 2014-2018

Table 1. Selected Minnesota Natality Statistics by State/County/CHB¹, Minnesota Residents, 2019.

	Number of Births	Fertility Rate ²	Birth Rate ³	Number of Deaths	Death Rate ⁴	Natural Rate of Increase
State of Minnesota	66,022	61.0	11.7	45,499	8.1	3.6
Aitkin	109	57.1	6.9	253	15.9	-9.1
Anoka	4,186	62.3	11.7	2,316	6.5	5.2
Becker	374	66.3	10.9	405	11.8	-0.9
Beltrami	671	71.7	14.2	405	8.6	5.6
Benton	523	64.3	12.8	393	9.6	3.2
Big Stone	69	100.4	13.8	88	17.6	-3.8
Blue Earth	727	45.0	10.7	491	7.3	3.5
Brown	227	53.0	9.1	307	12.3	-3.2
Carlton	387	66.0	10.8	373	10.4	0.4
Carver	1,162	58.2	11.1	571	5.4	5.6
Cass	265	64.5	8.9	339	11.4	-2.5
Chippewa	127	68.0	10.8	160	13.6	-2.8
Chisago	577	60.0	10.2	484	8.6	1.6
Clay	870	59.7	13.5	486	7.6	6.0
Clearwater	98	71.8	11.1	107	12.1	-1.0
Cook	25	33.0	4.6	57	10.4	-5.9
Cottonwood	141	82.5	12.6	158	14.1	-1.5
Crow Wing	638	61.4	9.8	723	11.1	-1.3
Dakota	5,180	63.2	12.1	2,808	6.5	5.5
Dodge	260	65.7	12.4	163	7.8	4.6
Douglas	405	67.4	10.6	474	12.4	-1.8
Faribault	145	68.3	10.6	172	12.6	-2.0
Fillmore	254	76.0	12.1	227	10.8	1.3
Freeborn	318	64.6	10.5	345	11.4	-0.9
Goodhue	511	66.5	11.0	535	11.5	-0.5
Grant	76	83.2	12.7	64	10.7	2.0
Hennepin	15,430	57.9	12.2	8,995	7.1	5.1
Houston	188	65.4	10.1	192	10.3	-0.2
Hubbard	203	67.7	9.4	234	10.9	-1.4
Isanti	441	60.9	10.9	346	8.5	2.3
Itasca	429	63.1	9.5	507	11.2	-1.7
Jackson	101	68.5	10.3	115	11.7	-1.4
Kanabec	156	60.7	9.5	175	10.7	-1.2
Kandiyohi	556	76.2	12.9	389	9.0	3.9
Kittson	45	72.1	10.5	60	14.0	-3.5
Koochiching	99	56.1	8.1	165	13.5	-5.4
Lac Qui Parle	71	75.1	10.7	78	11.8	-1.1
Lake	93	62.8	8.7	117	11.0	-2.3
Lake of the Woods	42	82.7	11.2	49	13.1	-1.9
Le Sueur	288	57.3	10.0	263	9.1	0.9
Lincoln	59	72.0	10.5	92	16.3	-5.9
Lyon	346	71.3	13.6	231	9.1	4.5
McLeod	384	62.1	10.7	353	9.8	0.9
Mahnomen	98	106.9	17.7	66	11.9	5.8

Table 1. Selected Minnesota Natality Statistics by State/County/CHB¹, Minnesota Residents, 2019.

	Number of Births	Fertility Rate ²	Birth Rate ³	Number of Deaths	Death Rate ⁴	Natural Rate of Increase
State of Minnesota	66,022	61.0	11.7	45,499	8.1	3.6
Marshall	135	92.7	14.5	98	10.5	4.0
Martin	252	83.1	12.8	247	12.5	0.3
Meeker	270	72.4	11.6	231	9.9	1.7
Mille Lacs	286	64.9	10.9	319	12.1	-1.3
Morrison	371	68.2	11.1	338	10.1	1.0
Mower	551	79.1	13.8	433	10.8	2.9
Murray	90	73.2	11.0	93	11.3	-0.4
Nicollet	339	48.1	9.9	297	8.7	1.2
Nobles	372	102.1	17.2	182	8.4	8.8
Norman	69	68.9	10.8	88	13.8	-3.0
Olmsted	2,029	64.2	12.8	1,082	6.8	6.0
Otter Tail	634	73.1	10.8	669	11.4	-0.6
Pennington	149	60.7	10.6	144	10.2	0.4
Pine	244	58.3	8.2	323	10.9	-2.7
Pipestone	127	87.8	13.9	110	12.1	1.9
Polk	368	67.8	11.7	371	11.8	-0.1
Pope	132	78.8	11.7	140	12.4	-0.7
Ramsey	7,151	60.9	13.0	4,333	7.9	5.1
Red Lake	46	72.2	11.3	36	8.9	2.5
Redwood	196	81.1	12.9	175	11.5	1.4
Renville	161	71.6	11.1	185	12.7	-1.6
Rice	720	55.3	10.8	532	7.9	2.8
Rock	90	58.9	9.7	135	14.5	-4.8
Roseau	163	68.4	10.7	152	10.0	0.7
St. Louis	1,899	50.8	9.5	2,066	10.4	-0.8
Scott	1,691	57.9	11.3	749	5.0	6.3
Sherburne	1,202	64.8	12.4	590	6.1	6.3
Sibley	164	66.7	11.0	136	9.1	1.9
Stearns	1,987	60.6	12.3	1,128	7.0	5.3
Steele	417	65.4	11.4	315	8.6	2.8
Stevens	129	60.4	13.2	99	10.1	3.1
Swift	110	75.8	11.9	112	12.1	-0.2
Todd	291	79.8	11.8	216	8.8	3.0
Traverse	27	58.3	8.3	61	18.7	-10.4
Wabasha	223	66.7	10.3	199	9.2	1.1
Wadena	192	87.6	14.0	197	14.4	-0.4
Waseca	189	51.4	10.2	188	10.1	0.1
Washington	2,701	56.1	10.3	1,746	6.7	3.6
Watsonwan	168	92.6	15.4	115	10.6	4.9
Wilkin	72	76.8	11.6	83	13.4	-1.8
Winona	467	41.5	9.3	428	8.5	0.8
Wright	1,687	64.9	12.2	918	6.6	5.6
Yellow Medicine	107	70.0	11.0	109	11.2	-0.2

Table 1. Selected Minnesota Natality Statistics by State/County/CHB¹, Minnesota Residents, 2019.

	Number of Births	Fertility Rate ²	Birth Rate ³	Number of Deaths	Death Rate ⁴	Natural Rate of Increase
State of Minnesota	66,022	61.0	11.7	45,499	8.1	3.6
CHB - Aitkin, Itasca, Koochiching	637	60.8	8.7	925	12.6	-3.9
CHB - Clearwater, Hubbard, Lake of the Woods	343	70.4	10.1	390	11.5	-1.4
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	484	74.7	11.4	547	12.9	-1.5
CHB - Brown, Nicollet	566	50.0	9.5	604	10.2	-0.6
CHB - Carlton, Cook, Lake, St. Louis	2,404	52.9	9.6	2,613	10.4	-0.8
CHB - Cottonwood, Jackson	242	76.0	11.5	273	13.0	-1.5
CHB - Clay, Wilkin, Becker, Otter Tail	1,950	65.4	11.9	1,643	10.0	1.9
CHB - Douglas, Grant, Pope, Stevens, Traverse	769	68.7	11.2	838	12.2	-1.0
CHB - Dodge, Steele	677	65.5	11.8	478	8.3	3.5
CHB - Fillmore, Houston	442	71.1	11.1	419	10.6	0.6
CHB - Faribault, Martin	397	77.0	11.9	419	12.6	-0.7
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	538	71.2	11.5	490	10.4	1.0
CHB - Kandiyohi, Renville	717	75.1	12.4	574	9.9	2.5
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	908	73.9	12.5	836	11.5	1.0
CHB - LeSueur, Waseca	477	54.8	10.0	451	9.5	0.5
CHB - Meeker, McLeod, Sibley	818	66.1	11.1	720	9.7	1.3
CHB - Mahnomen, Norman, Polk	535	72.8	12.4	525	12.1	0.2
CHB - Morrison, Todd, Wadena	854	75.7	11.9	751	10.5	1.4

Table 1. Selected Minnesota Natality Statistics by State/County/CHB¹, Minnesota Residents, 2019.

	Number of Births	Fertility Rate ²	Birth Rate ³	Number of Deaths	Death Rate ⁴	Natural Rate of Increase
State of Minnesota	66,022	61.0	11.7	45,499	8.1	3.6
Metro CHBs						
CHB - Bloomington	942	60.7	11.0	846	9.9	1.1
CHB - Edina	470	57.7	9.1	493	9.5	-0.4
CHB - Minneapolis	5,522	51.9	13.1	2,579	6.1	7.0
CHB - Richfield	499	65.5	13.8	300	8.3	5.5
CHB - St. Paul	4,559	63.9	15.0	2,134	7.0	8.0

¹ Eleven 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, 2019.

	Number Pregnancies	Pregnancy ¹ Rate	Number Abortions	Abortion ² Rate	Number Fetal Deaths	Fetal Deaths ³ Rate
State of Minnesota	75,431	69.7	9,047	8.4	362	5.5
Aitkin	116	60.7	7	--	0	--
Anoka	4,839	72.0	622	9.3	31	7.4
Becker	385	68.2	10	--	1	--
Beltrami	713	76.2	39	4.2	3	--
Benton	579	71.1	55	6.8	1	--
Big Stone	73	106.3	4	--	0	--
Blue Earth	815	50.5	81	5.0	7	--
Brown	248	57.8	17	--	4	--
Carlton	419	71.4	32	5.5	0	--
Carver	1,264	63.4	98	4.9	4	--
Cass	281	68.4	15	--	1	--
Chippewa	139	74.4	9	--	3	--
Chisago	622	64.7	44	4.6	1	--
Clay	878	60.3	8	--	0	--
Clearwater	100	73.3	2	--	0	--
Cook	32	42.2	7	--	0	--
Cottonwood	150	87.8	9	--	0	--
Crow Wing	700	67.4	60	5.8	2	--
Dakota	5,975	72.8	759	9.3	36	6.9
Dodge	277	70.0	17	--	0	--
Douglas	419	69.7	13	--	1	--
Faribault	150	70.7	5	--	0	--
Fillmore	267	79.8	13	--	0	--
Freeborn	357	72.5	37	7.5	2	--
Goodhue	573	74.6	57	7.4	5	--
Grant	77	84.2	1	--	0	--
Hennepin	18,717	70.3	3,210	12.1	77	5.0
Houston	194	67.5	6	--	0	--
Hubbard	210	70.1	5	--	2	--
Isanti	495	68.4	51	7.0	3	--

Table 2. Selected Fertility Statistics by State/County/CHB, Minnesota Residents, 2019.

	Number Pregnancies	Pregnancy ¹ Rate	Number Abortions	Abortion ² Rate	Number Fetal Deaths	Fetal Deaths ³ Rate
State of Minnesota	75,431	69.7	9,047	8.4	362	5.5
Itasca	454	66.8	24	3.5	1	--
Jackson	107	72.5	6	--	0	--
Kanabec	157	61.1	0	--	1	--
Kandiyohi	567	77.8	9	--	2	--
Kittson	85	136.2	40	64.1	0	--
Koochiching	110	62.4	10	--	1	--
Lac Qui Parle	72	76.1	1	--	0	--
Lake	109	73.5	16	--	0	--
Lake of the Woods	43	84.6	1	--	0	--
Le Sueur	310	61.7	20	4.0	2	--
Lincoln	61	74.4	2	--	0	--
Lyon	364	75.0	17	--	1	--
McLeod	408	66.0	22	3.6	2	--
Mahnomen	100	109.1	1	--	1	--
Marshall	137	94.0	0	--	2	--
Martin	265	87.3	12	--	1	--
Meeker	287	76.9	15	--	2	--
Mille Lacs	318	72.2	29	6.6	3	--
Morrison	401	73.7	25	4.6	5	--
Mower	595	85.4	41	5.9	3	--
Murray	92	74.9	2	--	0	--
Nicollet	369	52.4	27	3.8	3	--
Nobles	378	103.8	6	--	0	--
Norman	69	68.9	0	--	0	--
Olmsted	2,264	71.6	223	7.1	12	--
Otter Tail	640	73.8	6	--	0	--
Pennington	151	61.6	0	--	2	--
Pine	264	63.1	19	--	1	--
Pipestone	128	88.5	1	--	0	--
Polk	371	68.3	3	--	0	--
Pope	139	82.9	7	--	0	--

Table 2. Selected Fertility Statistics by State/County/CHB, Minnesota Residents, 2019.

	Number Pregnancies	Pregnancy ¹ Rate	Number Abortions	Abortion ² Rate	Number Fetal Deaths	Fetal Deaths ³ Rate
State of Minnesota	75,431	69.7	9,047	8.4	362	5.5
Ramsey	8,831	75.2	1,636	13.9	44	6.1
Red Lake	46	72.2	0	--	0	--
Redwood	206	85.2	10	--	0	--
Renville	176	78.3	13	--	2	--
Rice	783	60.1	58	4.5	5	--
Rock	92	60.2	2	--	0	--
Roseau	168	70.5	5	--	0	--
St. Louis	2,192	58.7	278	7.4	15	--
Scott	1,861	63.7	165	5.6	5	--
Sherburne	1,331	71.8	120	6.5	9	--
Sibley	168	68.3	4	--	0	--
Stearns	2,230	68.0	229	7.0	14	--
Steele	464	72.8	43	6.7	4	--
Stevens	131	61.3	2	--	0	--
Swift	119	82.0	9	--	0	--
Todd	304	83.4	8	--	5	--
Traverse	28	60.5	1	--	0	--
Wabasha	243	72.7	18	--	2	--
Wadena	198	90.3	5	--	1	--
Waseca	207	56.3	17	--	1	--
Washington	3,095	64.3	383	8.0	11	--
Watonwan	182	100.3	12	--	2	--
Wilkin	74	79.0	1	--	1	--
Winona	513	45.6	46	4.1	0	--
Wright	1,793	69.0	96	3.7	10	--
Yellow Medicine	117	76.6	8	--	2	--

Table 2. Selected Fertility Statistics by State/County/CHB, Minnesota Residents, 2019.

	Number Pregnancies	Pregnancy ¹ Rate	Number Abortions	Abortion ² Rate	Number Fetal Deaths	Fetal Deaths ³ Rate
State of Minnesota	75,431	69.7	9,047	8.4	362	5.5
CHB - Aitkin, Itasca, Koochiching	680	64.9	41	3.9	2	--
CHB - Clearwater, Hubbard, Lake of the Woods	353	72.5	8	--	2	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	520	80.2	31	4.8	5	--
CHB - Brown, Nicollet	617	54.5	44	3.9	7	--
CHB - Carlton, Cook, Lake, St. Louis	2,752	60.5	333	7.3	15	--
CHB - Cottonwood, Jackson	257	80.7	15	--	0	--
CHB - Clay, Wilkin, Becker, Otter Tail	1,977	66.3	25	0.8	2	--
CHB - Douglas, Grant, Pope, Stevens, Traverse	794	70.9	24	2.1	1	--
CHB - Dodge, Steele	741	71.7	60	5.8	4	--
CHB - Fillmore, Houston	461	74.1	19	--	0	--
CHB - Faribault, Martin	415	80.5	17	--	1	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	587	77.7	45	6.0	4	--
CHB - Kandiyohi, Renville	743	77.9	22	2.3	4	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	943	76.7	34	2.8	1	--
CHB - LeSueur, Waseca	517	59.4	37	4.2	3	--
CHB - Meeker, McLeod, Sibley	863	69.8	41	3.3	4	--
CHB - Mahnomen, Norman, Polk	540	73.5	4	--	1	--
CHB - Morrison, Todd, Wadena	903	80.1	38	3.4	11	--

Table 2. Selected Fertility Statistics by State/County/CHB, Minnesota Residents, 2019.

	Number Pregnancies	Pregnancy ¹ Rate	Number Abortions	Abortion ² Rate	Number Fetal Deaths	Fetal Deaths ³ Rate
State of Minnesota	75,431	69.7	9,047	8.4	362	5.5
Metro CHBs						
CHB - Bloomington	1,093	70.4	149	9.6	2	--
CHB - Edina	514	63.1	42	5.2	2	--
CHB - Minneapolis	7,271	68.4	1,718	16.2	31	5.6
CHB - Richfield	566	74.3	66	8.7	1	--
CHB - St. Paul	5,871	82.2	1,283	18.0	29	6.3

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, 2019.

	# 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	23,401	35.4%	4,619	7.0%	778	1.8%
Aitkin	31	28.4%	8	--	2	--
Anoka	1,483	35.4%	236	5.6%	48	1.8%
Becker	116	31.0%	50	13.4%	5	--
Beltrami	217	32.3%	81	12.1%	21	4.6%
Benton	178	34.0%	34	6.5%	5	--
Big Stone	20	29.0%	0	--	1	--
Blue Earth	295	40.6%	34	4.7%	12	--
Brown	82	36.1%	8	--	4	--
Carlton	149	38.5%	16	--	5	--
Carver	411	35.4%	41	3.5%	7	--
Cass	92	34.7%	24	9.1%	4	--
Chippewa	44	34.6%	10	--	1	--
Chisago	193	33.4%	36	6.2%	3	--
Clay	266	30.6%	80	9.2%	9	--
Clearwater	27	27.6%	13	--	3	--
Cook	10	--	1	--	1	--
Cottonwood	44	31.2%	15	--	4	--
Crow Wing	218	34.2%	34	5.3%	5	--
Dakota	1,876	36.2%	259	5.0%	50	1.5%
Dodge	82	31.5%	11	--	1	--
Douglas	125	30.9%	23	5.7%	5	--
Faribault	42	29.0%	8	--	1	--
Fillmore	81	31.9%	28	11.0%	3	--
Freeborn	111	34.9%	18	--	9	--
Goodhue	180	35.2%	25	4.9%	5	--
Grant	22	28.9%	4	--	0	--
Hennepin	6,113	39.6%	1,065	6.9%	155	1.7%
Houston	69	36.7%	11	--	1	--
Hubbard	57	28.1%	20	9.9%	4	--
Isanti	162	36.7%	27	6.1%	4	--
Itasca	146	34.0%	29	6.8%	7	--

Table 3. Previous Births by State/County/CHB, Minnesota Residents, 2019.

	# 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	23,401	35.4%	4,619	7.0%	778	1.8%
Jackson	35	34.7%	4	--	0	--
Kanabec	54	34.6%	13	--	5	--
Kandiyohi	152	27.3%	61	11.0%	6	--
Kittson	14	--	3	--	0	--
Koochiching	36	36.4%	6	--	0	--
Lac Qui Parle	31	43.7%	4	--	0	--
Lake	33	35.5%	6	--	1	--
Lake of the Woods	8	--	1	--	0	--
Le Sueur	82	28.5%	10	--	1	--
Lincoln	16	--	5	--	1	--
Lyon	101	29.2%	24	6.9%	7	--
McLeod	140	36.5%	22	5.7%	3	--
Mahnomen	33	33.7%	17	--	4	--
Marshall	39	28.9%	7	--	2	--
Martin	80	31.7%	15	--	4	--
Meeker	73	27.0%	25	9.3%	4	--
Mille Lacs	96	33.6%	29	10.1%	6	--
Morrison	98	26.4%	33	8.9%	4	--
Mower	175	31.8%	37	6.7%	4	--
Murray	22	24.4%	8	--	1	--
Nicollet	128	37.8%	21	6.2%	0	--
Nobles	113	30.4%	30	8.1%	7	--
Norman	19	--	6	--	0	--
Olmsted	786	38.7%	121	6.0%	21	1.7%
Otter Tail	198	31.2%	64	10.1%	9	--
Pennington	51	34.2%	4	--	1	--
Pine	84	34.4%	22	9.0%	2	--
Pipestone	47	37.0%	11	--	0	--
Polk	103	28.0%	38	10.3%	8	--
Pope	43	32.6%	2	--	2	--

Table 3. Previous Births by State/County/CHB, Minnesota Residents, 2019.

	# 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	23,401	35.4%	4,619	7.0%	778	1.8%
Ramsey	2,472	34.6%	653	9.1%	117	2.5%
Red Lake	15	--	1	--	1	--
Redwood	63	32.1%	17	--	4	--
Renville	51	31.7%	10	--	0	--
Rice	210	29.2%	85	11.8%	19	--
Rock	31	34.4%	4	--	3	--
Roseau	55	33.7%	12	--	1	--
St. Louis	710	37.4%	96	5.1%	19	--
Scott	611	36.1%	86	5.1%	14	--
Sherburne	415	34.5%	84	7.0%	12	--
Sibley	50	30.5%	16	--	2	--
Stearns	629	31.7%	225	11.3%	23	1.7%
Steele	138	33.1%	26	6.2%	2	--
Stevens	35	27.1%	9	--	2	--
Swift	37	33.6%	10	--	2	--
Todd	83	28.5%	41	14.1%	3	--
Traverse	7	--	3	--	2	--
Wabasha	80	35.9%	9	--	1	--
Wadena	51	26.6%	24	12.5%	6	--
Waseca	64	33.9%	9	--	4	--
Washington	929	34.4%	95	3.5%	21	1.2%
Watonwan	50	29.8%	8	--	4	--
Wilkin	22	30.6%	4	--	0	--
Winona	169	36.2%	38	8.1%	6	--
Wright	551	32.7%	150	8.9%	20	1.8%
Yellow Medicine	41	38.3%	6	--	2	--

Table 3. Previous Births by State/County/CHB, Minnesota Residents, 2019.

	# 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	23,401	35.4%	4,619	7.0%	778	1.8%
CHB - Aitkin, Itasca, Koochiching	213	33.4%	43	6.8%	9	--
CHB - Clearwater, Hubbard, Lake of the Woods	92	26.8%	34	9.9%	7	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	173	35.7%	30	6.2%	6	--
CHB - Brown, Nicollet	210	37.1%	29	5.1%	4	--
CHB - Carlton, Cook, Lake, St. Louis	902	37.5%	119	5.0%	26	1.7%
CHB - Cottonwood, Jackson	79	32.6%	19	--	4	--
CHB - Clay, Wilkin, Becker, Otter Tail	602	30.9%	198	10.2%	23	1.7%
CHB - Douglas, Grant, Pope, Stevens, Traverse	232	30.2%	41	5.3%	11	--
CHB - Dodge, Steele	220	32.5%	37	5.5%	3	--
CHB - Fillmore, Houston	150	33.9%	39	8.8%	4	--
CHB - Faribault, Martin	122	30.7%	23	5.8%	5	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	174	32.3%	27	5.0%	5	--
CHB - Kandiyohi, Renville	203	28.3%	71	9.9%	6	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	280	30.8%	69	7.6%	16	--
CHB - LeSueur, Waseca	146	30.6%	19	--	5	--
CHB - Meeker, McLeod, Sibley	263	32.2%	63	7.7%	9	--
CHB - Mahnomen, Norman, Polk	155	29.0%	61	11.4%	12	--
CHB - Morrison, Todd, Wadena	232	27.2%	98	11.5%	13	--

Table 3. Previous Births by State/County/CHB, Minnesota Residents, 2019.

	# 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	23,401	35.4%	4,619	7.0%	778	1.8%
Metro CHBs						
CHB - Bloomington	396	42.0%	57	6.1%	9	--
CHB - Edina	165	35.1%	4	--	2	--
CHB - Minneapolis	2,285	41.4%	586	10.6%	73	2.3%
CHB - Richfield	238	47.7%	20	4.0%	7	--
CHB - St. Paul	1,540	33.8%	529	11.6%	90	3.0%

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, 2019.

	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	400	1,389	1,789	612	1,931	2,543
Aitkin	2	2	4	2	2	4
Anoka	14	75	89	34	110	144
Becker	2	14	16	4	15	19
Beltrami	14	32	46	15	35	50
Benton	1	13	14	3	17	20
Big Stone	0	3	3	0	3	3
Blue Earth	1	15	16	2	20	22
Brown	0	7	7	1	10	11
Carlton	2	8	10	3	8	11
Carver	5	15	20	9	18	27
Cass	7	14	21	7	16	23
Chippewa	2	6	8	2	6	8
Chisago	2	14	16	3	17	20
Clay	6	16	22	6	16	22
Clearwater	1	6	7	2	7	9
Cook	0	0	0	0	0	0
Cottonwood	0	4	4	0	4	4
Crow Wing	6	20	26	9	26	35
Dakota	24	74	98	41	130	171
Dodge	0	4	4	0	4	4
Douglas	2	10	12	2	10	12
Faribault	2	1	3	2	2	4
Fillmore	1	4	5	1	4	5
Freeborn	2	14	16	4	15	19
Goodhue	2	11	13	5	14	19
Grant	0	1	1	0	1	1
Hennepin	91	278	369	163	434	597
Houston	0	2	2	0	3	3
Hubbard	1	11	12	1	13	14
Isanti	0	6	6	2	8	10
Itasca	4	17	21	4	18	22
Jackson	0	0	0	0	2	2
Kanabec	0	7	7	0	7	7
Kandiyohi	4	21	25	5	23	28
Kittson	0	1	1	0	1	1
Koochiching	1	2	3	1	4	5
Lac Qui Parle	0	0	0	0	0	0
Lake	0	1	1	0	1	1
Lake of the Woods	0	0	0	0	0	0
Le Sueur	4	5	9	6	6	12
Lincoln	0	0	0	0	0	0
Lyon	2	10	12	2	10	12
McLeod	3	13	16	3	15	18

Table 4a. Teen Birth and Pregnancy Counts by State/County/CHB, Minnesota Residents, 2019.

	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	400	1,389	1,789	612	1,931	2,543
Mahnomen	2	10	12	2	10	12
Marshall	0	3	3	0	3	3
Martin	4	7	11	5	7	12
Meeker	1	4	5	1	6	7
Mille Lacs	3	11	14	3	14	17
Morrison	1	4	5	2	4	6
Mower	13	24	37	14	27	41
Murray	0	2	2	0	2	2
Nicollet	2	1	3	3	3	6
Nobles	10	30	40	10	32	42
Norman	0	3	3	0	3	3
Olmsted	11	36	47	12	51	63
Otter Tail	3	13	16	3	13	16
Pennington	0	2	2	0	3	3
Pine	1	11	12	1	12	13
Pipestone	2	9	11	2	9	11
Polk	2	12	14	2	12	14
Pope	0	2	2	0	3	3
Ramsey	61	164	225	97	265	362
Red Lake	0	2	2	0	2	2
Redwood	1	1	2	1	2	3
Renville	4	5	9	4	7	11
Rice	4	20	24	7	24	31
Rock	1	2	3	1	3	4
Roseau	0	5	5	0	6	6
St. Louis	15	53	68	23	67	90
Scott	1	20	21	7	31	38
Sherburne	3	21	24	3	34	37
Sibley	0	2	2	0	2	2
Stearns	8	41	49	12	58	70
Steele	6	11	17	9	17	26
Stevens	1	2	3	1	2	3
Swift	2	4	6	2	5	7
Todd	3	6	9	3	8	11
Traverse	0	1	1	0	1	1
Wabasha	1	6	7	2	6	8
Wadena	1	6	7	1	8	9
Waseca	1	6	7	1	6	7
Washington	12	28	40	18	51	69
Watonwan	2	9	11	2	9	11
Wilkin	1	1	2	1	1	2
Winona	4	3	7	7	9	16
Wright	4	25	29	5	33	38

Table 4a. Teen Birth and Pregnancy Counts by State/County/CHB, Minnesota Residents, 2019.

	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	400	1,389	1,789	612	1,931	2,543
Yellow Medicine	1	4	5	1	5	6
CHB - Aitkin, Itasca, Koochiching	7	21	28	7	24	31
CHB - Clearwater, Hubbard, Lake of the Woods	2	17	19	3	20	23
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	5	17	22	5	19	24
CHB - Brown, Nicollet	2	8	10	4	13	17
CHB - Carlton, Cook, Lake, St. Louis	17	62	79	26	76	102
CHB - Cottonwood, Jackson	0	4	4	0	6	6
CHB - Clay, Wilkin, Becker, Otter Tail	12	44	56	14	45	59
CHB - Douglas, Grant, Pope, Stevens, Traverse	3	16	19	3	17	20
CHB - Dodge, Steele	6	15	21	9	21	30
CHB - Fillmore, Houston	1	6	7	1	7	8
CHB - Faribault, Martin	6	8	14	7	9	16
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	0	13	13	0	15	15
CHB - Kandiyohi, Renville	8	26	34	9	30	39
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	6	24	30	6	26	32
CHB - LeSueur, Waseca	5	11	16	7	12	19
CHB - Meeker, McLeod, Sibley	4	19	23	4	23	27
CHB - Mahnomen, Norman, Polk	4	25	29	4	25	29
CHB - Morrison, Todd, Wadena	5	16	21	6	20	26

Table 4a. Teen Birth and Pregnancy Counts by State/County/CHB, Minnesota Residents, 2019.

	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	400	1,389	1,789	612	1,931	2,543

Metro CHBs

CHB - Bloomington	7	14	21	11	28	39
CHB - Edina	0	2	2	1	5	6
CHB - Minneapolis	58	160	218	109	242	351
CHB - Richfield	0	8	8	5	16	21
CHB - St. Paul	49	134	183	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, 2019.

	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	3.7	19.9	10.1	5.7	27.6	14.4
Aitkin	--	--	--	--	--	--
Anoka	--	20.9	8.1	4.6	30.6	13.2
Becker	--	--	--	--	--	--
Beltrami	--	38.3	27.1	--	41.9	29.4
Benton	--	--	--	--	--	15.9
Big Stone	--	--	--	--	--	--
Blue Earth	--	--	--	--	10.3	7.4
Brown	--	--	--	--	--	--
Carlton	--	--	--	--	--	--
Carver	--	--	5.3	--	--	7.1
Cass	--	--	27.8	--	--	30.4
Chippewa	--	--	--	--	--	--
Chisago	--	--	--	--	--	12.0
Clay	--	--	7.9	--	--	7.9
Clearwater	--	--	--	--	--	--
Cook	--	--	--	--	--	--
Cottonwood	--	--	--	--	--	--
Crow Wing	--	33.4	14.8	--	43.5	19.9
Dakota	2.8	16.7	7.5	4.7	29.4	13.0
Dodge	--	--	--	--	--	--
Douglas	--	--	--	--	--	--
Faribault	--	--	--	--	--	--
Fillmore	--	--	--	--	--	--
Freeborn	--	--	--	--	--	--
Goodhue	--	--	--	--	--	--
Grant	--	--	--	--	--	--
Hennepin	4.2	19.2	10.3	7.6	30.0	16.6
Houston	--	--	--	--	--	--
Hubbard	--	--	--	--	--	--
Isanti	--	--	--	--	--	--
Itasca	--	--	16.7	--	--	17.5
Jackson	--	--	--	--	--	--
Kanabec	--	--	--	--	--	--
Kandiyohi	--	50.4	19.5	--	55.2	21.8
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, 2019.

	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	3.7	19.9	10.1	5.7	27.6	14.4
Marshall	--	--	--	--	--	--
Martin	--	--	--	--	--	--
Meeker	--	--	--	--	--	--
Mille Lacs	--	--	--	--	--	--
Morrison	--	--	--	--	--	--
Mower	--	57.7	30.6	--	64.9	33.9
Murray	--	--	--	--	--	--
Nicollet	--	--	--	--	--	--
Nobles	--	126.1	60.2	--	134.5	63.2
Norman	--	--	--	--	--	--
Olmsted	--	22.5	9.9	--	31.9	13.3
Otter Tail	--	--	--	--	--	--
Pennington	--	--	--	--	--	--
Pine	--	--	--	--	--	--
Pipestone	--	--	--	--	--	--
Polk	--	--	--	--	--	--
Pope	--	--	--	--	--	--
Ramsey	6.3	21.2	13.0	10.1	34.3	20.8
Red Lake	--	--	--	--	--	--
Redwood	--	--	--	--	--	--
Renville	--	--	--	--	--	--
Rice	--	12.0	8.2	--	14.4	10.6
Rock	--	--	--	--	--	--
Roseau	--	--	--	--	--	--
St. Louis	--	14.8	10.1	7.4	18.7	13.4
Scott	--	11.7	4.0	--	18.1	7.2
Sherburne	--	18.8	7.2	--	30.4	11.1
Sibley	--	--	--	--	--	--
Stearns	--	12.2	7.6	--	17.3	10.9
Steele	--	--	--	--	--	22.9
Stevens	--	--	--	--	--	--
Swift	--	--	--	--	--	--
Todd	--	--	--	--	--	--
Traverse	--	--	--	--	--	--
Wabasha	--	--	--	--	--	--
Wadena	--	--	--	--	--	--
Waseca	--	--	--	--	--	--
Washington	--	9.8	4.7	--	17.9	8.1
Watonwan	--	--	--	--	--	--
Wilkin	--	--	--	--	--	--
Winona	--	--	--	--	--	--
Wright	--	17.2	6.1	--	22.6	8.0
Yellow Medicine	--	--	--	--	--	--

Table 4b. Teen Birth and Pregnancy Rates by State/County/CHB, Minnesota Residents, 2019.

	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	3.7	19.9	10.1	5.7	27.6	14.4
CHB - Aitkin, Itasca, Koochiching	--	32.3	14.3	--	36.9	15.8
CHB - Clearwater, Hubbard, Lake of the Woods	--	--	--	--	66.2	26.2
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	--	--	18.6	--	--	20.3
CHB - Brown, Nicollet	--	--	--	--	--	--
CHB - Carlton, Cook, Lake, St. Louis	--	15.5	9.8	6.4	19.0	12.7
CHB - Cottonwood, Jackson	--	--	--	--	--	--
CHB - Clay, Wilkin, Becker, Otter Tail	--	17.8	10.1	--	18.2	10.6
CHB - Douglas, Grant, Pope, Stevens, Traverse	--	--	--	--	--	9.9
CHB - Dodge, Steele	--	--	11.2	--	36.2	16.0
CHB - Fillmore, Houston	--	--	--	--	--	--
CHB - Faribault, Martin	--	--	--	--	--	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	--	--	--	--	--	--
CHB - Kandiyohi, Renville	--	46.3	20.0	--	53.4	23.0
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	--	26.8	12.7	--	29.0	13.6
CHB - LeSueur, Waseca	--	--	--	--	--	--
CHB - Meeker, McLeod, Sibley	--	--	9.9	--	31.4	11.6
CHB - Mahnomen, Norman, Polk	--	48.4	20.0	--	48.4	20.0
CHB - Morrison, Todd, Wadena	--	--	10.6	--	30.8	13.1

Table 4b. Teen Birth and Pregnancy Rates by State/County/CHB, Minnesota Residents, 2019.

	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	3.7	19.9	10.1	5.7	27.6	14.4

Metro CHBs

CHB - Bloomington	--	--	9.3	--	32.9	17.3
CHB - Edina	--	--	--	--	--	--
CHB - Minneapolis	10.8	21.2	16.9	20.4	32.0	27.2
CHB - Richfield	--	--	--	--	--	26.5
CHB - St. Paul	8.7	30.0	18.1	16.0	54.4	33.0

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.

-- 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, 2019.

	Non-Hispanic					Hispanic
	White	African American	American Indian	Asian/Pacific Isl.	Other/Unknown	
State of Minnesota	45,398	8,836	1,119	5,407	273	4,989
Aitkin	101	0	4	1	0	3
Anoka	2,940	574	21	372	11	268
Becker	302	9	51	2	3	7
Beltrami	400	4	257	2	2	6
Benton	448	58	2	7	0	8
Big Stone	64	1	1	0	0	3
Blue Earth	593	75	5	19	0	35
Brown	203	1	1	2	0	20
Carlton	332	2	43	3	1	6
Carver	1,004	40	1	50	5	62
Cass	170	3	87	1	0	4
Chippewa	93	2	4	7	2	19
Chisago	544	3	2	15	3	10
Clay	704	101	29	11	25	0
Clearwater	76	0	19	1	0	2
Cook	22	0	2	1	0	0
Cottonwood	105	8	1	10	0	17
Crow Wing	605	8	9	5	2	9
Dakota	3,464	743	24	406	13	530
Dodge	238	6	1	5	0	10
Douglas	378	6	3	3	0	15
Faribault	114	2	3	0	0	26
Fillmore	243	3	0	1	5	2
Freeborn	222	15	1	33	0	47
Goodhue	452	20	9	3	1	26
Grant	69	1	1	2	1	2
Hennepin	8,519	3,688	148	1,638	91	1,346
Houston	183	0	0	3	1	1
Hubbard	187	0	10	0	1	5
Isanti	406	14	1	8	2	10
Itasca	380	5	39	1	0	4
Jackson	95	2	0	0	0	4
Kanabec	143	3	4	2	0	4
Kandiyohi	307	109	5	14	1	120
Kittson	44	0	0	1	0	0
Koochiching	95	0	1	2	0	1
Lac Qui Parle	65	1	1	1	0	3
Lake	89	1	1	1	0	1
Lake of the Woods	38	2	0	2	0	0
Le Sueur	244	8	0	6	2	28
Lincoln	57	0	0	0	0	2
Lyon	254	25	0	23	1	43
McLeod	337	4	1	3	0	39
Mahnomen	33	1	63	0	0	1

Table 5. Race/Ethnicity of Birth Mother by State/County/CHB, Minnesota Residents, 2019.

	Non-Hispanic					Hispanic
	White	African American	American Indian	Asian/Pacific Isl.	Other/Unknown	
State of Minnesota	45,398	8,836	1,119	5,407	273	4,989
Marshall	129	0	1	1	3	1
Martin	206	4	0	1	1	40
Meeker	254	3	2	0	0	11
Mille Lacs	243	3	29	4	1	6
Morrison	348	8	2	1	0	12
Mower	323	45	0	59	1	123
Murray	79	2	0	3	0	6
Nicollet	277	40	0	2	0	20
Nobles	146	26	2	21	2	175
Norman	63	2	1	2	0	1
Olmsted	1,467	258	3	151	0	150
Otter Tail	558	29	5	6	3	33
Pennington	137	0	1	2	0	9
Pine	216	1	13	4	2	8
Pipestone	96	4	4	4	2	17
Polk	290	32	11	7	12	16
Pope	125	0	0	1	0	6
Ramsey	2,982	1,627	42	1,832	20	648
Red Lake	39	1	5	0	0	1
Redwood	167	3	11	10	0	5
Renville	131	1	4	2	0	23
Rice	496	126	1	13	0	84
Rock	86	0	0	1	1	2
Roseau	148	3	5	5	0	2
St. Louis	1,674	86	70	20	3	46
Scott	1,273	153	12	140	7	106
Sherburne	1,041	90	5	20	4	42
Sibley	133	4	0	2	0	25
Stearns	1,362	446	7	38	1	133
Steele	325	36	1	7	2	46
Stevens	100	4	2	1	0	22
Swift	85	1	0	9	0	15
Todd	229	0	1	5	10	46
Traverse	15	0	7	0	1	4
Wabasha	203	0	0	1	0	19
Wadena	185	2	1	0	0	4
Waseca	160	4	1	1	0	23
Washington	2,035	187	5	318	14	142
Watonwan	89	1	0	2	0	76
Wilkin	66	0	0	0	3	3
Winona	404	23	0	16	3	21
Wright	1,558	33	5	28	4	59
Yellow Medicine	93	0	5	0	0	9

Table 5. Race/Ethnicity of Birth Mother by State/County/CHB, Minnesota Residents, 2019.

	Non-Hispanic					Hispanic
	White	African American	American Indian	Asian/Pacific Isl.	Other/Unknown	
State of Minnesota	45,398	8,836	1,119	5,407	273	4,989
CHB - Aitkin, Itasca, Koochiching	576	5	44	4	0	8
CHB - Clearwater, Hubbard, Lake of the Woods	301	2	29	3	1	7
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	400	5	11	17	2	49
CHB - Brown, Nicollet	480	41	1	4	0	40
CHB - Carlton, Cook, Lake, St. Louis	2,117	89	116	25	4	53
CHB - Cottonwood, Jackson	200	10	1	10	0	21
CHB - Clay, Wilkin, Becker, Otter Tail	1,630	139	85	19	34	43
CHB - Douglas, Grant, Pope, Stevens, Traverse	687	11	13	7	2	49
CHB - Dodge, Steele	563	42	2	12	2	56
CHB - Fillmore, Houston	426	3	0	4	6	3
CHB - Faribault, Martin	320	6	3	1	1	66
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	497	4	12	9	3	13
CHB - Kandiyohi, Renville	438	110	9	16	1	143
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	739	34	15	41	4	75
CHB - LeSueur, Waseca	404	12	1	7	2	51
CHB - Meeker, McLeod, Sibley	724	11	3	5	0	75
CHB - Mahnomen, Norman, Polk	386	35	75	9	12	18
CHB - Morrison, Todd, Wadena	762	10	4	6	10	62

Table 5. Race/Ethnicity of Birth Mother by State/County/CHB, Minnesota Residents, 2019.

	Non-Hispanic					Hispanic
	White	African American	American Indian	Asian/Pacific Isl.	Other/Unknown	
State of Minnesota	45,398	8,836	1,119	5,407	273	4,989
Metro CHBs						
CHB - Bloomington	501	235	5	89	6	106
CHB - Edina	345	26	1	83	1	14
CHB - Minneapolis	2,565	1,821	103	367	40	626
CHB - Richfield	278	73	5	43	6	94
CHB - St. Paul	1,530	1,190	32	1,338	13	456

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, 2019.

	< High School	High School or GED	Some college no degree	Associate Degree	Bachelor's Degree	Graduate Degree
State of Minnesota	4,328	7,215	8,989	7,234	17,700	9,675
Aitkin	9	12	19	22	14	7
Anoka	188	474	726	532	1,187	513
Becker	22	53	56	56	67	37
Beltrami	48	146	53	64	114	44
Benton	21	76	69	89	117	40
Big Stone	6	8	9	12	16	6
Blue Earth	37	68	101	81	203	91
Brown	4	21	39	33	56	26
Carlton	14	31	65	58	90	47
Carver	29	59	117	100	500	254
Cass	19	49	42	23	31	15
Chippewa	8	13	19	18	25	14
Chisago	18	58	115	87	138	60
Clay	56	82	131	123	241	97
Clearwater	9	24	6	11	12	3
Cook	0	1	8	3	5	7
Cottonwood	12	36	16	14	24	8
Crow Wing	16	69	117	93	128	53
Dakota	233	514	717	567	1,651	860
Dodge	5	30	37	34	82	35
Douglas	10	36	67	94	79	50
Faribault	9	24	25	23	32	5
Fillmore	33	23	45	38	56	18
Freeborn	38	59	25	34	37	28
Goodhue	11	64	87	78	140	40
Grant	3	8	15	21	17	2
Hennepin	1,198	1,430	1,698	1,032	4,758	3,364
Houston	4	22	23	41	59	23
Hubbard	9	25	40	32	33	19
Isanti	12	67	99	53	91	24
Itasca	6	41	93	67	84	32
Jackson	5	9	10	22	24	9
Kanabec	12	22	30	26	14	12
Kandiyohi	108	71	50	84	88	26
Kittson	1	8	2	6	16	2
Koochiching	5	14	21	11	18	7
Lac Qui Parle	1	3	8	16	16	7
Lake	1	15	21	13	13	5
Lake of the Woods	2	3	7	4	12	6
Le Sueur	13	25	53	41	80	25
Lincoln	0	9	5	10	16	8
Lyon	36	38	32	37	93	39
McLeod	18	53	53	67	81	31
Mahnomen	9	17	14	6	5	3

Table 6. Educational Attainment of Mother¹ by State/County/CHB, Minnesota Residents, 2019.

	< High School	High School or GED	Some college no degree	Associate Degree	Bachelor's Degree	Graduate Degree
State of Minnesota	4,328	7,215	8,989	7,234	17,700	9,675
Marshall	1	20	22	23	27	12
Martin	20	43	35	25	55	13
Meeker	8	43	40	45	52	22
Mille Lacs	24	49	48	40	23	12
Morrison	12	57	64	81	65	18
Mower	86	89	81	62	71	30
Murray	7	12	11	11	30	5
Nicollet	22	25	36	46	104	61
Nobles	82	46	36	20	45	15
Norman	3	8	17	8	13	0
Olmsted	105	164	224	156	644	454
Otter Tail	38	67	102	95	147	56
Pennington	4	23	37	24	27	5
Pine	17	38	47	33	34	14
Pipestone	13	22	14	13	23	7
Polk	34	37	46	42	89	43
Pope	8	9	18	38	31	8
Ramsey	749	927	979	507	1,502	1,136
Red Lake	1	4	8	12	8	1
Redwood	10	20	29	32	52	18
Renville	10	15	26	30	35	6
Rice	105	79	87	89	161	57
Rock	0	16	11	19	17	9
Roseau	2	19	28	19	40	10
St. Louis	45	171	315	265	451	229
Scott	54	180	230	202	594	269
Sherburne	44	151	193	213	312	101
Sibley	13	22	23	24	40	13
Stearns	264	243	234	299	430	152
Steele	24	49	79	51	93	30
Stevens	5	18	19	17	27	15
Swift	7	16	10	16	19	7
Todd	48	36	31	40	45	14
Traverse	2	2	4	3	3	2
Wabasha	9	22	41	35	58	15
Wadena	4	34	41	25	27	12
Waseca	6	23	40	35	40	9
Washington	53	229	336	288	985	539
Watonwan	18	24	15	14	23	3
Wilkin	1	7	12	14	22	6
Winona	41	52	62	47	128	52
Wright	29	184	260	280	517	180
Yellow Medicine	2	10	13	20	28	13

Table 6. Educational Attainment of Mother¹ by State/County/CHB, Minnesota Residents, 2019.

	< High School	High School or GED	Some college no degree	Associate Degree	Bachelor's Degree	Graduate Degree
State of Minnesota	4,328	7,215	8,989	7,234	17,700	9,675
CHB - Aitkin, Itasca, Koochiching	20	67	133	100	116	46
CHB - Clearwater, Hubbard, Lake of the Woods	20	52	53	47	57	28
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	24	50	59	82	104	47
CHB - Brown, Nicollet	26	46	75	79	160	87
CHB - Carlton, Cook, Lake, St. Louis	60	218	409	339	559	288
CHB - Cottonwood, Jackson	17	45	26	36	48	17
CHB - Clay, Wilkin, Becker, Otter Tail	117	209	301	288	477	196
CHB - Douglas, Grant, Pope, Stevens, Traverse	28	73	123	173	157	77
CHB - Dodge, Steele	29	79	116	85	175	65
CHB - Fillmore, Houston	37	45	68	79	115	41
CHB - Faribault, Martin	29	67	60	48	87	18
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	9	74	97	84	118	30
CHB - Kandiyohi, Renville	118	86	76	114	123	32
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	66	117	102	122	231	86
CHB - LeSueur, Waseca	19	48	93	76	120	34
CHB - Meeker, McLeod, Sibley	39	118	116	136	173	66
CHB - Mahnomen, Norman, Polk	46	62	77	56	107	46
CHB - Morrison, Todd, Wadena	64	127	136	146	137	44
Metro CHBs						
CHB - Bloomington	73	96	125	78	280	159
CHB - Edina	6	10	21	8	203	208
CHB - Minneapolis	763	584	528	263	1,264	1,194
CHB - Richfield	43	48	53	44	160	85
CHB - St. Paul	613	675	611	285	760	613

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

Table 7a. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2019.

	# To Unmarried Mothers	# To Foreign-Born Mothers	# With No Father Documented	# of Births on Medicaid	# of Mothers Smoked
State of Minnesota	21,099	12,778	7,392	28,550	4,690
Aitkin	43	2	19	60	26
Anoka	1,272	869	330	1,707	249
Becker	140	5	75	202	77
Beltrami	374	11	217	435	147
Benton	178	49	46	253	76
Big Stone	17	3	4	30	6
Blue Earth	239	74	88	335	62
Brown	70	7	24	96	28
Carlton	132	9	41	170	41
Carver	161	133	59	217	22
Cass	167	4	86	197	81
Chippewa	48	25	12	77	12
Chisago	181	14	54	212	62
Clay	256	3	80	349	68
Clearwater	46	1	25	55	24
Cook	8	1	1	12	3
Cottonwood	45	25	9	82	19
Crow Wing	264	14	77	352	115
Dakota	1,397	1,231	640	1,830	185
Dodge	78	8	25	82	25
Douglas	105	8	43	161	46
Faribault	62	9	22	81	26
Fillmore	76	2	28	100	25
Freeborn	143	57	44	196	41
Goodhue	160	23	40	164	59
Grant	23	3	6	40	11
Hennepin	4,676	4,429	1,909	6,276	507
Houston	40	5	40	56	15
Hubbard	84	6	29	128	26
Isanti	161	17	44	198	60
Itasca	169	3	70	217	79
Jackson	40	5	9	49	12
Kanabec	71	5	23	84	30
Kandiyohi	231	166	49	393	48
Kittson	8	0	1	18	4
Koochiching	41	6	29	54	15
Lac Qui Parle	22	2	5	29	2
Lake	22	1	6	48	12
Lake of the Woods	15	3	2	20	6
Le Sueur	91	21	29	116	28
Lincoln	6	0	0	20	3
Lyon	103	73	43	179	30
McLeod	132	28	22	175	51
Mahnomen	80	0	40	76	41

Table 7a. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2019.

	# To Unmarried Mothers	# To Foreign-Born Mothers	# With No Father Documented	# of Births on Medicaid	# of Mothers Smoked
State of Minnesota	21,099	12,778	7,392	28,550	4,690
Marshall	31	1	7	40	9
Martin	106	27	27	141	37
Meeker	72	7	21	127	39
Mille Lacs	145	5	56	172	68
Morrison	138	12	41	177	71
Mower	234	170	59	338	63
Murray	24	6	6	48	10
Nicollet	100	41	38	134	20
Nobles	175	191	52	273	8
Norman	33	0	5	43	11
Olmsted	528	457	156	676	98
Otter Tail	184	52	69	323	43
Pennington	58	7	23	54	20
Pine	105	7	37	140	54
Pipestone	48	20	18	73	13
Polk	108	9	27	175	42
Pope	34	8	8	61	17
Ramsey	3,001	2,413	1,034	4,058	362
Red Lake	17	0	7	18	5
Redwood	63	11	18	89	22
Renville	71	5	13	90	19
Rice	249	174	62	360	64
Rock	32	5	4	32	7
Roseau	57	4	17	65	25
St. Louis	768	57	271	865	297
Scott	376	332	150	498	65
Sherburne	311	117	67	443	94
Sibley	46	19	8	76	15
Stearns	517	503	124	987	158
Steele	140	50	48	197	38
Stevens	26	17	3	51	11
Swift	42	12	13	65	14
Todd	79	45	25	136	23
Traverse	12	2	5	12	6
Wabasha	73	12	13	78	19
Wadena	58	3	21	117	39
Waseca	74	7	27	88	16
Washington	640	421	180	736	108
Watonwan	83	43	22	109	11
Wilkin	17	1	3	23	3
Winona	153	33	70	189	32
Wright	358	107	74	484	92
Yellow Medicine	35	5	10	49	13

Table 7a. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2019.

	# To Unmarried Mothers	# To Foreign-Born Mothers	# With No Father Documented	# of Births on Medicaid	# of Mothers Smoked
State of Minnesota	21,099	12,778	7,392	28,550	4,690
CHB - Aitkin, Itasca, Koochiching	253	11	118	331	120
CHB - Clearwater, Hubbard, Lake of the Woods	145	10	56	203	56
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow	164	47	44	250	47
CHB - Brown, Nicollet	170	48	62	230	48
CHB - Carlton, Cook, Lake, St. Louis	930	68	319	1,095	353
CHB - Cottonwood, Jackson	85	30	18	131	31
CHB - Clay, Wilkin, Becker, Otter Tail	597	61	227	897	191
CHB - Douglas, Grant, Pope, Stevens, Traverse	200	38	65	325	91
CHB - Dodge, Steele	218	58	73	279	63
CHB - Fillmore, Houston	116	7	68	156	40
CHB - Faribault, Martin	168	36	49	222	63
CHB - Kittson, Marshall, Pennington, Red Lake,	171	12	55	195	63
CHB - Kandiyohi, Renville	302	171	62	483	67
CHB - Lincoln, Lyon, Murray, Pipestone,	276	115	89	441	85
CHB - LeSueur, Waseca	165	28	56	204	44
CHB - Meeker, McLeod, Sibley	250	54	51	378	105
CHB - Mahnomen, Norman, Polk	221	9	72	294	94
CHB - Morrison, Todd, Wadena	275	60	87	430	133
Metro CHBs					
CHB - Bloomington	271	315	102	403	16
CHB - Edina	37	119	15	48	1
CHB - Minneapolis	2,169	1,678	1,056	2,936	286
CHB - Richfield	147	147	59	203	6
CHB - St. Paul	2,197	1,732	790	2,985	257

Table 7b. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2019.

	% To Unmarried Mothers	% To Foreign-Born Mothers	% With No Father Documented	% of Births on Medicaid	% of Mothers Smoked
State of Minnesota	32.0%	19.4%	11.2%	43.2%	7.1%
Aitkin	39.4%	--	--	55.0%	23.9%
Anoka	30.4%	20.8%	7.9%	40.8%	5.9%
Becker	37.4%	--	20.1%	54.0%	20.6%
Beltrami	55.7%	--	32.3%	64.8%	21.9%
Benton	34.0%	9.4%	8.8%	48.4%	14.5%
Big Stone	--	--	--	43.5%	--
Blue Earth	32.9%	10.2%	12.1%	46.1%	8.5%
Brown	30.8%	--	10.6%	42.3%	12.3%
Carlton	34.1%	--	10.6%	43.9%	10.6%
Carver	13.9%	11.4%	5.1%	18.7%	1.9%
Cass	63.0%	--	32.5%	74.3%	30.6%
Chippewa	37.8%	19.7%	--	60.6%	--
Chisago	31.4%	--	9.4%	36.7%	10.7%
Clay	29.4%	--	9.2%	40.1%	7.8%
Clearwater	46.9%	--	25.5%	56.1%	24.5%
Cook	--	--	--	--	--
Cottonwood	31.9%	17.7%	--	58.2%	--
Crow Wing	41.1%	--	12.1%	55.2%	18.0%
Dakota	27.0%	23.8%	12.4%	35.3%	3.6%
Dodge	30.0%	--	9.6%	31.5%	9.6%
Douglas	25.9%	--	10.6%	39.8%	11.4%
Faribault	42.8%	--	15.2%	55.9%	17.9%
Fillmore	29.9%	--	11.0%	39.4%	9.8%
Freeborn	45.0%	17.9%	13.8%	61.6%	12.9%
Goodhue	31.3%	4.5%	7.8%	32.1%	11.5%
Grant	30.3%	--	--	52.6%	--
Hennepin	30.3%	28.7%	12.4%	40.7%	3.3%
Houston	21.3%	--	21.3%	29.8%	--
Hubbard	41.4%	--	14.3%	63.1%	12.8%
Isanti	36.5%	--	10.0%	44.9%	13.6%
Itasca	39.4%	--	16.3%	50.6%	18.4%
Jackson	39.6%	--	--	48.5%	--
Kanabec	45.5%	--	14.7%	53.8%	19.2%
Kandiyohi	41.5%	29.9%	8.8%	70.7%	8.6%
Kittson	--	--	--	--	--
Koochiching	41.4%	--	29.3%	54.5%	--
Lac Qui Parle	31.0%	--	--	40.8%	--
Lake	23.7%	--	--	51.6%	--
Lake of the Woods	--	--	--	47.6%	--
Le Sueur	31.6%	7.3%	10.1%	40.3%	9.7%
Lincoln	--	--	--	33.9%	--
Lyon	29.8%	21.1%	12.4%	51.7%	8.7%
McLeod	34.4%	7.3%	5.7%	45.6%	13.3%
Mahnomen	81.6%	--	40.8%	77.6%	41.8%
Marshall	23.0%	--	--	29.6%	--

Table 7b. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2019.

	% To Unmarried Mothers	% To Foreign-Born Mothers	% With No Father Documented	% of Births on Medicaid	% of Mothers Smoked
State of Minnesota	32.0%	19.4%	11.2%	43.2%	7.1%
Martin	42.1%	10.7%	10.7%	56.0%	14.7%
Meeker	26.7%	--	7.8%	47.0%	14.4%
Mille Lacs	50.7%	--	19.6%	60.1%	23.8%
Morrison	37.2%	--	11.1%	47.7%	19.1%
Mower	42.5%	30.9%	10.7%	61.3%	11.4%
Murray	26.7%	--	--	53.3%	--
Nicollet	29.5%	12.1%	11.2%	39.5%	5.9%
Nobles	47.0%	51.3%	14.0%	73.4%	--
Norman	47.8%	--	--	62.3%	--
Olmsted	26.0%	22.5%	7.7%	33.3%	4.8%
Otter Tail	29.0%	8.2%	10.9%	50.9%	6.8%
Pennington	38.9%	--	15.4%	36.2%	13.4%
Pine	43.0%	--	15.2%	57.4%	22.1%
Pipestone	37.8%	15.7%	--	57.5%	--
Polk	29.3%	--	7.3%	47.6%	11.4%
Pope	25.8%	--	--	46.2%	--
Ramsey	42.0%	33.7%	14.5%	56.7%	5.1%
Red Lake	--	--	--	--	--
Redwood	32.1%	--	--	45.4%	11.2%
Renville	44.1%	--	--	55.9%	--
Rice	34.6%	24.2%	8.6%	50.0%	8.9%
Rock	35.6%	--	--	35.6%	--
Roseau	35.0%	--	--	39.9%	15.3%
St. Louis	40.4%	3.0%	14.3%	45.6%	15.6%
Scott	22.2%	19.6%	8.9%	29.5%	3.8%
Sherburne	25.9%	9.7%	5.6%	36.9%	7.8%
Sibley	28.0%	--	--	46.3%	--
Stearns	26.0%	25.3%	6.2%	49.7%	8.0%
Steele	33.6%	12.0%	11.5%	47.2%	9.1%
Stevens	20.2%	--	--	39.5%	--
Swift	38.2%	--	--	59.1%	--
Todd	27.1%	15.5%	8.6%	46.7%	7.9%
Traverse	--	--	--	--	--
Wabasha	32.7%	--	--	35.0%	--
Wadena	30.2%	--	10.9%	60.9%	20.3%
Waseca	39.2%	--	14.3%	46.6%	--
Washington	23.7%	15.6%	6.7%	27.2%	4.0%
Watonwan	49.4%	25.6%	13.1%	64.9%	--
Wilkin	--	--	--	31.9%	--
Winona	32.8%	7.1%	15.0%	40.5%	6.9%
Wright	21.2%	6.3%	4.4%	28.7%	5.5%
Yellow Medicine	32.7%	--	--	45.8%	--

Table 7b. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2019.

	% To Unmarried Mothers	% To Foreign-Born Mothers	% With No Father Documented	% of Births on Medicaid	% of Mothers Smoked
State of Minnesota	32.0%	19.4%	11.2%	43.2%	7.1%
CHB - Aitkin, Itasca, Koochiching	39.7%	--	18.5%	52.0%	18.8%
CHB - Clearwater, Hubbard, Lake of the Woods	42.3%	--	16.3%	59.2%	16.3%
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow	33.9%	9.7%	9.1%	51.7%	9.7%
CHB - Brown, Nicollet	30.0%	8.5%	11.0%	40.6%	8.5%
CHB - Carlton, Cook, Lake, St. Louis	38.7%	2.8%	13.3%	45.5%	14.7%
CHB - Cottonwood, Jackson	35.1%	12.4%	--	54.1%	12.8%
CHB - Clay, Wilkin, Becker, Otter Tail	30.6%	3.1%	11.6%	46.0%	9.8%
CHB - Douglas, Grant, Pope, Stevens, Traverse	26.0%	4.9%	8.5%	42.3%	11.8%
CHB - Dodge, Steele	32.2%	8.6%	10.8%	41.2%	9.3%
CHB - Fillmore, Houston	26.2%	--	15.4%	35.3%	9.0%
CHB - Faribault, Martin	42.3%	9.1%	12.3%	55.9%	15.9%
CHB - Kittson, Marshall, Pennington, Red Lake,	31.8%	--	10.2%	36.2%	11.7%
CHB - Kandiyohi, Renville	42.1%	23.8%	8.6%	67.4%	9.3%
CHB - Lincoln, Lyon, Murray, Pipestone,	30.4%	12.7%	9.8%	48.6%	9.4%
CHB - LeSueur, Waseca	34.6%	5.9%	11.7%	42.8%	9.2%
CHB - Meeker, McLeod, Sibley	30.6%	6.6%	6.2%	46.2%	12.8%
CHB - Mahnomen, Norman, Polk	41.3%	--	13.5%	55.0%	17.6%
CHB - Morrison, Todd, Wadena	32.2%	7.0%	10.2%	50.4%	15.6%
Metro CHBs					
CHB - Bloomington	28.8%	33.4%	10.8%	42.8%	--
CHB - Edina	7.9%	25.3%	--	10.2%	--
CHB - Minneapolis	39.3%	30.4%	19.1%	53.2%	5.2%
CHB - Richfield	29.5%	29.5%	11.8%	40.7%	--
CHB - St. Paul	48.2%	38.0%	17.3%	65.5%	5.6%

-- 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, 2019.

	# First Trimester	Adequacy of PNC ¹				Gave birth Out of State ²
	PNC	Intensive	Adequate	Intermediate	Inadequate	
State of Minnesota	52,444	21,589	29,180	5,965	6,261	2,558
Aitkin	88	19	71	6	12	0
Anoka	3,584	1,198	2,116	481	334	11
Becker	240	120	123	29	47	48
Beltrami	498	137	310	82	111	31
Benton	459	187	270	22	41	2
Big Stone	44	13	34	1	2	19
Blue Earth	617	340	270	44	64	1
Brown	196	52	142	18	14	0
Carlton	345	92	219	39	35	2
Carver	979	410	559	107	79	0
Cass	205	52	112	41	55	4
Chippewa	111	35	70	13	9	0
Chisago	472	183	289	27	27	47
Clay	18	7	13	1	6	842
Clearwater	60	14	46	11	24	3
Cook	20	2	15	4	4	0
Cottonwood	95	38	61	5	13	23
Crow Wing	581	201	336	65	32	1
Dakota	4,303	2,112	2,195	356	465	19
Dodge	236	52	139	59	6	3
Douglas	355	261	110	11	21	2
Faribault	124	55	61	13	12	0
Fillmore	151	30	92	44	28	56
Freeborn	268	157	116	16	25	3
Goodhue	446	143	261	59	37	5
Grant	68	34	36	3	1	2
Hennepin	12,212	5,890	6,170	1,440	1,754	55
Houston	9	5	5	0	0	178
Hubbard	168	57	108	14	14	6
Isanti	383	136	239	33	29	2
Itasca	380	119	232	36	35	2

Table 8a. Prenatal Care (PNC) Utilization Counts by State/ County/CHB, Minnesota Residents, 2019.

	# First Trimester PNC	Adequacy of PNC ¹				Gave birth Out of State ²
		Intensive	Adequate	Intermediate	Inadequate	
State of Minnesota	52,444	21,589	29,180	5,965	6,261	2,558
Jackson	48	28	21	3	8	41
Kanabec	129	46	67	17	24	2
Kandiyohi	428	201	234	41	79	1
Kittson	14	5	5	5	2	28
Koochiching	86	26	54	9	9	0
Lac Qui Parle	49	11	34	7	4	14
Lake	83	17	64	5	7	0
Lake of the Woods	35	10	23	3	3	3
Le Sueur	247	93	153	17	24	0
Lincoln	25	10	16	2	1	30
Lyon	251	70	189	24	21	41
McLeod	327	106	212	29	32	1
Mahnomen	43	17	22	11	35	11
Marshall	69	34	29	7	6	59
Martin	206	84	108	19	30	7
Meeker	229	89	131	28	16	1
Mille Lacs	224	85	115	31	52	2
Morrison	314	130	193	22	24	2
Mower	416	167	258	52	68	6
Murray	53	25	25	8	7	23
Nicollet	287	151	130	17	38	1
Nobles	181	142	74	6	72	76
Norman	6	2	6	0	1	60
Olmsted	1,782	359	997	531	117	6
Otter Tail	487	200	304	17	38	64
Pennington	114	66	56	3	5	19
Pine	194	54	126	30	31	2
Pipestone	78	40	39	4	6	37
Polk	97	27	69	13	17	239
Pope	118	59	58	7	7	0

Table 8a. Prenatal Care (PNC) Utilization Counts by State/ County/CHB, Minnesota Residents, 2019.

	# First Trimester	Adequacy of PNC ¹				Gave birth Out of State ²
	PNC	Intensive	Adequate	Intermediate	Inadequate	
State of Minnesota	52,444	21,589	29,180	5,965	6,261	2,558
Ramsey	5,589	2,234	3,163	744	942	33
Red Lake	27	10	19	6	1	10
Redwood	149	53	90	13	24	12
Renville	132	52	83	12	13	0
Rice	577	264	317	45	64	2
Rock	17	2	17	1	3	66
Roseau	134	54	79	6	12	11
St. Louis	1,689	581	1,013	132	167	4
Scott	1,413	711	715	123	129	4
Sherburne	1,041	370	621	123	79	3
Sibley	135	26	88	24	26	0
Stearns	1,610	639	1,036	135	171	4
Steele	368	137	224	28	24	0
Stevens	107	50	59	11	5	3
Swift	91	27	50	11	22	0
Todd	216	100	113	22	45	0
Traverse	10	3	7	0	2	15
Wabasha	192	34	122	49	11	5
Wadena	155	57	104	14	12	3
Waseca	160	85	76	10	18	0
Washington	2,330	877	1,405	182	188	31
Watonwan	127	51	75	12	26	1
Wilkin	26	7	18	2	4	41
Winona	249	79	148	41	39	145
Wright	1,485	557	854	163	103	1
Yellow Medicine	75	22	52	7	5	19

Table 8a. Prenatal Care (PNC) Utilization Counts by State/ County/CHB, Minnesota Residents, 2019.

	# First Trimester PNC	Adequacy of PNC ¹				Gave birth Out of State ²
		Intensive	Adequate	Intermediate	Inadequate	
State of Minnesota	52,444	21,589	29,180	5,965	6,261	2,558
CHB - Aitkin, Itasca, Koochiching	554	164	357	51	56	2
CHB - Clearwater, Hubbard, Lake of the Woods	263	81	177	28	41	12
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	370	108	240	39	42	52
CHB - Brown, Nicollet	483	203	272	35	52	1
CHB - Carlton, Cook, Lake, St. Louis	2,137	692	1,311	180	213	6
CHB - Cottonwood, Jackson	143	66	82	8	21	64
CHB - Clay, Wilkin, Becker, Otter Tail	771	334	458	49	95	995
CHB - Douglas, Grant, Pope, Stevens, Traverse	658	407	270	32	36	22
CHB - Dodge, Steele	604	189	363	87	30	3
CHB - Fillmore, Houston	160	35	97	44	28	234
CHB - Faribault, Martin	330	139	169	32	42	7
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	358	169	188	27	26	127
CHB - Kandiyohi, Renville	560	253	317	53	92	1
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	573	200	376	52	62	209
CHB - LeSueur, Waseca	407	178	229	27	42	0
CHB - Meeker, McLeod, Sibley	691	221	431	81	74	2
CHB - Mahnommen, Norman, Polk	146	46	97	24	53	310
CHB - Morrison, Todd, Wadena	685	287	410	58	81	5

Table 8a. Prenatal Care (PNC) Utilization Counts by State/ County/CHB, Minnesota Residents, 2019.

	# First Trimester PNC	Adequacy of PNC ¹				Gave birth Out of State ²
		Intensive	Adequate	Intermediate	Inadequate	
State of Minnesota	52,444	21,589	29,180	5,965	6,261	2,558
Metro CHBs						
CHB - Bloomington	739	420	353	68	92	2
CHB - Edina	392	271	146	27	20	2
CHB - Minneapolis	4,146	1,882	1,974	663	927	27
CHB - Richfield	381	238	179	32	46	0
CHB - St. Paul	3,428	1,394	1,899	527	697	22

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 480 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, 2019.

	% First Trimester PNC	Adequacy of PNC ¹			Gave birth Out of State ²	
		Intensive	Adequate	Intermediate		Inadequate
State of Minnesota	79.4%	32.7%	44.2%	9.0%	9.5%	3.9%
Aitkin	80.7%	--	65.1%	--	--	--
Anoka	85.6%	28.6%	50.5%	11.5%	8.0%	--
Becker	64.2%	32.1%	32.9%	7.8%	12.6%	12.8%
Beltrami	74.2%	20.4%	46.2%	12.2%	16.5%	4.6%
Benton	87.8%	35.8%	51.6%	4.2%	7.8%	--
Big Stone	63.8%	--	49.3%	--	--	--
Blue Earth	84.9%	46.8%	37.1%	6.1%	8.8%	--
Brown	86.3%	22.9%	62.6%	--	--	--
Carlton	89.1%	23.8%	56.6%	10.1%	9.0%	--
Carver	84.3%	35.3%	48.1%	9.2%	6.8%	--
Cass	77.4%	19.6%	42.3%	15.5%	20.8%	--
Chippewa	87.4%	27.6%	55.1%	--	--	--
Chisago	81.8%	31.7%	50.1%	4.7%	4.7%	8.1%
Clay	--	--	--	--	--	96.8%
Clearwater	61.2%	--	46.9%	--	24.5%	--
Cook	80.0%	--	--	--	--	--
Cottonwood	67.4%	27.0%	43.3%	--	--	16.3%
Crow Wing	91.1%	31.5%	52.7%	10.2%	5.0%	--
Dakota	83.1%	40.8%	42.4%	6.9%	9.0%	--
Dodge	90.8%	20.0%	53.5%	22.7%	--	--
Douglas	87.7%	64.4%	27.2%	--	5.2%	--
Faribault	85.5%	37.9%	42.1%	--	--	--
Fillmore	59.4%	11.8%	36.2%	17.3%	11.0%	22.0%
Freeborn	84.3%	49.4%	36.5%	--	7.9%	--
Goodhue	87.3%	28.0%	51.1%	11.5%	7.2%	--
Grant	89.5%	44.7%	47.4%	--	--	--
Hennepin	79.1%	38.2%	40.0%	9.3%	11.4%	0.4%
Houston	--	--	--	--	--	94.7%
Hubbard	82.8%	28.1%	53.2%	--	--	--
Isanti	86.8%	30.8%	54.2%	7.5%	6.6%	--

Table 8b. Prenatal Care (PNC) Utilization Percentages by State/ County/CHB, Minnesota Residents, 2019.

	% First Trimester PNC	Adequacy of PNC ¹			Gave birth Out of State ²	
		Intensive	Adequate	Intermediate		Inadequate
State of Minnesota	79.4%	32.7%	44.2%	9.0%	9.5%	3.9%
Itasca	88.6%	27.7%	54.1%	8.4%	8.2%	--
Jackson	47.5%	27.7%	20.8%	--	--	40.6%
Kanabec	82.7%	29.5%	42.9%	--	15.4%	--
Kandiyohi	77.0%	36.2%	42.1%	7.4%	14.2%	--
Kittson	--	--	--	--	--	62.2%
Koochiching	86.9%	26.3%	54.5%	--	--	--
Lac Qui Parle	69.0%	--	47.9%	--	--	--
Lake	89.2%	--	68.8%	--	--	--
Lake of the Woods	83.3%	--	54.8%	--	--	--
Le Sueur	85.8%	32.3%	53.1%	--	8.3%	--
Lincoln	42.4%	--	--	--	--	50.8%
Lyon	72.5%	20.2%	54.6%	6.9%	6.1%	11.8%
McLeod	85.2%	27.6%	55.2%	7.6%	8.3%	--
Mahnomen	43.9%	--	22.4%	--	35.7%	--
Marshall	51.1%	25.2%	21.5%	--	--	43.7%
Martin	81.7%	33.3%	42.9%	--	11.9%	--
Meeker	84.8%	33.0%	48.5%	10.4%	--	--
Mille Lacs	78.3%	29.7%	40.2%	10.8%	18.2%	--
Morrison	84.6%	35.0%	52.0%	5.9%	6.5%	--
Mower	75.5%	30.3%	46.8%	9.4%	12.3%	--
Murray	58.9%	27.8%	27.8%	--	--	25.6%
Nicollet	84.7%	44.5%	38.3%	--	11.2%	--
Nobles	48.7%	38.2%	19.9%	--	19.4%	20.4%
Norman	--	--	--	--	--	87.0%
Olmsted	87.8%	17.7%	49.1%	26.2%	5.8%	--
Otter Tail	76.8%	31.5%	47.9%	--	6.0%	10.1%
Pennington	76.5%	44.3%	37.6%	--	--	--
Pine	79.5%	22.1%	51.6%	12.3%	12.7%	--
Pipestone	61.4%	31.5%	30.7%	--	--	29.1%
Polk	26.4%	7.3%	18.8%	--	--	64.9%
Pope	89.4%	44.7%	43.9%	--	--	--

Table 8b. Prenatal Care (PNC) Utilization Percentages by State/ County/CHB, Minnesota Residents, 2019.

	% First Trimester PNC	Adequacy of PNC ¹			Gave birth Out of State ²	
		Intensive	Adequate	Intermediate		Inadequate
State of Minnesota	79.4%	32.7%	44.2%	9.0%	9.5%	3.9%
Ramsey	78.2%	31.2%	44.2%	10.4%	13.2%	0.5%
Red Lake	58.7%	--	--	--	--	--
Redwood	76.0%	27.0%	45.9%	--	12.2%	--
Renville	82.0%	32.3%	51.6%	--	--	--
Rice	80.1%	36.7%	44.0%	6.3%	8.9%	--
Rock	--	--	--	--	--	73.3%
Roseau	82.2%	33.1%	48.5%	--	--	--
St. Louis	88.9%	30.6%	53.3%	7.0%	8.8%	--
Scott	83.6%	42.0%	42.3%	7.3%	7.6%	--
Sherburne	86.6%	30.8%	51.7%	10.2%	6.6%	--
Sibley	82.3%	15.9%	53.7%	14.6%	15.9%	--
Stearns	81.0%	32.2%	52.1%	6.8%	8.6%	--
Steele	88.2%	32.9%	53.7%	6.7%	5.8%	--
Stevens	82.9%	38.8%	45.7%	--	--	--
Swift	82.7%	24.5%	45.5%	--	20.0%	--
Todd	74.2%	34.4%	38.8%	7.6%	15.5%	--
Traverse	--	--	--	--	--	--
Wabasha	86.1%	15.2%	54.7%	22.0%	--	--
Wadena	80.7%	29.7%	54.2%	--	--	--
Waseca	84.7%	45.0%	40.2%	--	--	--
Washington	86.3%	32.5%	52.0%	6.7%	7.0%	1.1%
Watonwan	75.6%	30.4%	44.6%	--	15.5%	--
Wilkin	36.1%	--	--	--	--	56.9%
Winona	53.3%	16.9%	31.7%	8.8%	8.4%	31.0%
Wright	88.0%	33.0%	50.6%	9.7%	6.1%	--
Yellow Medicine	70.1%	20.6%	48.6%	--	--	--

Table 8b. Prenatal Care (PNC) Utilization Percentages by State/ County/CHB, Minnesota Residents, 2019.

	% First Trimester PNC	Adequacy of PNC ¹			Gave birth Out of State ²	
		Intensive	Adequate	Intermediate		Inadequate
State of Minnesota	79.4%	32.7%	44.2%	9.0%	9.5%	3.9%
CHB - Aitkin, Itasca, Koochiching	87.0%	25.7%	56.0%	8.0%	8.8%	--
CHB - Clearwater, Hubbard, Lake of the Woods	76.7%	23.6%	51.6%	8.2%	12.0%	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	76.4%	22.3%	49.6%	8.1%	8.7%	10.7%
CHB - Brown, Nicollet	85.3%	35.9%	48.1%	6.2%	9.2%	--
CHB - Carlton, Cook, Lake, St. Louis	88.9%	28.8%	54.5%	7.5%	8.9%	--
CHB - Cottonwood, Jackson	59.1%	27.3%	33.9%	--	8.7%	26.4%
CHB - Clay, Wilkin, Becker, Otter Tail	39.5%	17.1%	23.5%	2.5%	4.9%	51.0%
CHB - Douglas, Grant, Pope, Stevens, Traverse	85.6%	52.9%	35.1%	4.2%	4.7%	2.9%
CHB - Dodge, Steele	89.2%	27.9%	53.6%	12.9%	4.4%	--
CHB - Fillmore, Houston	36.2%	7.9%	21.9%	10.0%	6.3%	52.9%
CHB - Faribault, Martin	83.1%	35.0%	42.6%	8.1%	10.6%	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	66.5%	31.4%	34.9%	5.0%	4.8%	23.6%
CHB - Kandiyohi, Renville	78.1%	35.3%	44.2%	7.4%	12.8%	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	63.1%	22.0%	41.4%	5.7%	6.8%	23.0%
CHB - LeSueur, Waseca	85.3%	37.3%	48.0%	5.7%	8.8%	--
CHB - Meeker, McLeod, Sibley	84.5%	27.0%	52.7%	9.9%	9.0%	--
CHB - Mahnomen, Norman, Polk	27.3%	8.6%	18.1%	4.5%	9.9%	57.9%
CHB - Morrison, Todd, Wadena	80.2%	33.6%	48.0%	6.8%	9.5%	--

Table 8b. Prenatal Care (PNC) Utilization Percentages by State/ County/CHB, Minnesota Residents, 2019.

	% First Trimester PNC	Adequacy of PNC ¹			Gave birth Out of State ²	
		Intensive	Adequate	Intermediate		Inadequate
State of Minnesota	79.4%	32.7%	44.2%	9.0%	9.5%	3.9%
Metro CHBs						
CHB - Bloomington	78.5%	44.6%	37.5%	7.2%	9.8%	--
CHB - Edina	83.4%	57.7%	31.1%	5.7%	4.3%	--
CHB - Minneapolis	75.1%	34.1%	35.7%	12.0%	16.8%	0.5%
CHB - Richfield	76.4%	47.7%	35.9%	6.4%	9.2%	--
CHB - St. Paul	75.2%	30.6%	41.7%	11.6%	15.3%	0.5%

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, 2019.

	# Vaginal	# VBAC ¹	# Total ² Cesarean
State of Minnesota	46,377	1,358	18,214
Aitkin	77	3	29
Anoka	2,988	76	1,120
Becker	267	10	97
Beltrami	473	12	186
Benton	358	12	153
Big Stone	49	1	19
Blue Earth	486	4	237
Brown	161	2	64
Carlton	264	11	112
Carver	832	10	319
Cass	175	7	83
Chippewa	90	1	35
Chisago	424	9	144
Clay	592	0	278
Clearwater	75	3	20
Cook	19	1	5
Cottonwood	91	2	48
Crow Wing	434	16	188
Dakota	3,506	92	1,578
Dodge	186	8	66
Douglas	296	8	101
Faribault	96	0	49
Fillmore	193	4	53
Freeborn	215	4	99
Goodhue	341	12	157
Grant	56	3	17
Hennepin	10,877	303	4,228
Houston	136	0	52
Hubbard	144	7	52
Isanti	309	4	128
Itasca	300	10	119
Jackson	70	1	30
Kanabec	103	2	51
Kandiyohi	398	11	147
Kittson	30	0	15
Koochiching	68	2	29
Lac Qui Parle	46	0	25
Lake	71	2	20
Lake of the Woods	26	1	15
Le Sueur	205	5	78
Lincoln	42	0	17
Lyon	261	0	85
McLeod	268	6	110
Mahnomen	71	1	26

Table 9a. Method of Delivery Counts by State/County/CHB, Minnesota Residents, 2019.

	# Vaginal	# VBAC ¹	# Total ² Cesarean
State of Minnesota	46,377	1,358	18,214
Marshall	100	0	35
Martin	181	2	69
Meeker	198	6	66
Mille Lacs	210	3	70
Morrison	265	14	91
Mower	386	10	155
Murray	69	0	21
Nicollet	243	4	91
Nobles	278	6	88
Norman	50	1	18
Olmsted	1,453	60	516
Otter Tail	441	19	171
Pennington	90	0	59
Pine	164	3	76
Pipestone	82	1	44
Polk	286	2	78
Pope	91	1	40
Ramsey	5,089	224	1,830
Red Lake	28	0	18
Redwood	144	6	46
Renville	112	1	48
Rice	505	18	196
Rock	73	0	17
Roseau	98	3	62
St. Louis	1,332	42	525
Scott	1,143	37	511
Sherburne	866	21	314
Sibley	118	1	45
Stearns	1,366	70	551
Steele	274	5	138
Stevens	84	2	43
Swift	80	0	30
Todd	205	12	72
Traverse	21	0	6
Wabasha	159	8	56
Wadena	143	13	36
Waseca	129	1	59
Washington	1,876	62	762
Watonwan	125	2	40
Wilkin	50	2	20
Winona	346	3	106
Wright	1,182	27	477
Yellow Medicine	73	0	34

Table 9a. Method of Delivery Counts by State/County/CHB, Minnesota Residents, 2019.

	# Vaginal	# VBAC ¹	# Total ² Cesarean
State of Minnesota	46,377	1,358	18,214
CHB - Aitkin, Itasca, Koochiching	445	15	177
CHB - Clearwater, Hubbard, Lake of the Woods	245	11	87
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	338	2	143
CHB - Brown, Nicollet	404	6	155
CHB - Carlton, Cook, Lake, St. Louis	1,686	56	662
CHB - Cottonwood, Jackson	161	3	78
CHB - Clay, Wilkin, Becker, Otter Tail	1,350	31	566
CHB - Douglas, Grant, Pope, Stevens, Traverse	548	14	207
CHB - Dodge, Steele	460	13	204
CHB - Fillmore, Houston	329	4	105
CHB - Faribault, Martin	277	2	118
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	346	3	189
CHB - Kandiyohi, Renville	510	12	195
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	671	7	230
CHB - LeSueur, Waseca	334	6	137
CHB - Meeker, McLeod, Sibley	584	13	221
CHB - Mahnommen, Norman, Polk	407	4	122
CHB - Morrison, Todd, Wadena	613	39	199
Metro CHBs			
CHB - Bloomington	639	16	286
CHB - Edina	312	9	146
CHB - Minneapolis	3,942	118	1,457
CHB - Richfield	339	9	149
CHB - St. Paul	3,294	152	1,108

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 to

Table 9b. Method of Delivery Percentages by State/County/CHB, Minnesota Residents, 2019.

	# Vaginal	# VBAC ¹	# Total ² Cesarean
State of Minnesota	70.2%	2.1%	27.6%
Aitkin	70.6%	--	26.6%
Anoka	71.4%	1.8%	26.8%
Becker	71.4%	--	25.9%
Beltrami	70.5%	--	27.7%
Benton	68.5%	--	29.3%
Big Stone	71.0%	--	--
Blue Earth	66.9%	--	32.6%
Brown	70.9%	--	28.2%
Carlton	68.2%	--	28.9%
Carver	71.6%	--	27.5%
Cass	66.0%	--	31.3%
Chippewa	70.9%	--	27.6%
Chisago	73.5%	--	25.0%
Clay	68.0%	--	32.0%
Clearwater	76.5%	--	20.4%
Cook	--	--	--
Cottonwood	64.5%	--	34.0%
Crow Wing	68.0%	--	29.5%
Dakota	67.7%	1.8%	30.5%
Dodge	71.5%	--	25.4%
Douglas	73.1%	--	24.9%
Faribault	66.2%	--	33.8%
Fillmore	76.0%	--	20.9%
Freeborn	67.6%	--	31.1%
Goodhue	66.7%	--	30.7%
Grant	73.7%	--	--
Hennepin	70.5%	2.0%	27.4%
Houston	72.3%	--	27.7%
Hubbard	70.9%	--	25.6%
Isanti	70.1%	--	29.0%
Itasca	69.9%	--	27.7%
Jackson	69.3%	--	29.7%
Kanabec	66.0%	--	32.7%
Kandiyohi	71.6%	--	26.4%
Kittson	66.7%	--	--
Koochiching	68.7%	--	29.3%
Lac Qui Parle	64.8%	--	35.2%
Lake	76.3%	--	21.5%
Lake of the Woods	61.9%	--	--
Le Sueur	71.2%	--	27.1%
Lincoln	71.2%	--	--
Lyon	75.4%	--	24.6%
McLeod	69.8%	--	28.6%
Mahnomen	72.4%	--	26.5%

Table 9b. Method of Delivery Percentages by State/County/CHB, Minnesota Residents, 2019.

	# Vaginal	# VBAC ¹	# Total ² Cesarean
State of Minnesota	70.2%	2.1%	27.6%
Marshall	74.1%	--	25.9%
Martin	71.8%	--	27.4%
Meeker	73.3%	--	24.4%
Mille Lacs	73.4%	--	24.5%
Morrison	71.4%	--	24.5%
Mower	70.1%	--	28.1%
Murray	76.7%	--	23.3%
Nicollet	71.7%	--	26.8%
Nobles	74.7%	--	23.7%
Norman	72.5%	--	--
Olmsted	71.6%	3.0%	25.4%
Otter Tail	69.6%	--	27.0%
Pennington	60.4%	--	39.6%
Pine	67.2%	--	31.1%
Pipestone	64.6%	--	34.6%
Polk	77.7%	--	21.2%
Pope	68.9%	--	30.3%
Ramsey	71.2%	3.1%	25.6%
Red Lake	60.9%	--	--
Redwood	73.5%	--	23.5%
Renville	69.6%	--	29.8%
Rice	70.1%	--	27.2%
Rock	81.1%	--	--
Roseau	60.1%	--	38.0%
St. Louis	70.1%	2.2%	27.6%
Scott	67.6%	2.2%	30.2%
Sherburne	72.0%	1.7%	26.1%
Sibley	72.0%	--	27.4%
Stearns	68.7%	3.5%	27.7%
Steele	65.7%	--	33.1%
Stevens	65.1%	--	33.3%
Swift	72.7%	--	27.3%
Todd	70.4%	--	24.7%
Traverse	77.8%	--	--
Wabasha	71.3%	--	25.1%
Wadena	74.5%	--	18.8%
Waseca	68.3%	--	31.2%
Washington	69.5%	2.3%	28.2%
Watonwan	74.4%	--	23.8%
Wilkin	69.4%	--	27.8%
Winona	74.1%	--	22.7%
Wright	70.1%	1.6%	28.3%
Yellow Medicine	68.2%	--	31.8%

Table 9b. Method of Delivery Percentages by State/County/CHB, Minnesota Residents, 2019.

	# Vaginal	# VBAC ¹	# Total ² Cesarean
State of Minnesota	70.2%	2.1%	27.6%
CHB - Aitkin, Itasca, Koochiching	69.9%	--	27.8%
CHB - Clearwater, Hubbard, Lake of the Woods	71.4%	--	25.4%
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	69.8%	--	29.5%
CHB - Brown, Nicollet	71.4%	--	27.4%
CHB - Carlton, Cook, Lake, St. Louis	70.1%	2.3%	27.5%
CHB - Cottonwood, Jackson	66.5%	--	32.2%
CHB - Clay, Wilkin, Becker, Otter Tail	69.2%	1.6%	29.0%
CHB - Douglas, Grant, Pope, Stevens, Traverse	71.3%	--	26.9%
CHB - Dodge, Steele	67.9%	--	30.1%
CHB - Fillmore, Houston	74.4%	--	23.8%
CHB - Faribault, Martin	69.8%	--	29.7%
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	64.3%	--	35.1%
CHB - Kandiyohi, Renville	71.1%	--	27.2%
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	73.9%	--	25.3%
CHB - LeSueur, Waseca	70.0%	--	28.7%
CHB - Meeker, McLeod, Sibley	71.4%	--	27.0%
CHB - Mahnomen, Norman, Polk	76.1%	--	22.8%
CHB - Morrison, Todd, Wadena	71.8%	4.6%	23.3%
Metro CHBs			
CHB - Bloomington	67.8%	--	30.4%
CHB - Edina	66.4%	--	31.1%
CHB - Minneapolis	71.4%	2.1%	26.4%
CHB - Richfield	67.9%	--	29.9%
CHB - St. Paul	72.3%	3.3%	24.3%

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. -- 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, 2019.

	Number singleton ¹	Number Preterm	% Preterm ²	Number LBW	% LBW ³	Number Very LBW ³	% Very LBW ³
State of Minnesota	63,850	4,827	7.6%	3,415	4.5%	556	0.9%
Aitkin	107	9	--	3	--	0	--
Anoka	4,046	337	8.3%	199	4.9%	34	0.8%
Becker	362	26	7.2%	21	5.8%	0	--
Beltrami	649	63	9.7%	37	5.7%	7	--
Benton	507	50	9.9%	25	4.9%	2	--
Big Stone	63	3	--	3	--	0	--
Blue Earth	693	57	8.2%	40	5.8%	7	--
Brown	223	19	--	11	--	4	--
Carlton	375	29	7.7%	20	5.3%	6	--
Carver	1,113	55	4.9%	35	3.1%	4	--
Cass	261	25	9.6%	12	--	2	--
Chippewa	123	7	--	7	--	1	--
Chisago	553	34	6.1%	24	4.3%	2	--
Clay	833	68	8.2%	48	5.8%	8	--
Clearwater	96	8	--	1	--	0	--
Cook	25	2	--	2	--	2	--
Cottonwood	133	8	--	11	--	0	--
Crow Wing	620	43	6.9%	27	4.4%	7	--
Dakota	4,990	331	6.6%	238	4.8%	32	0.6%
Dodge	252	20	7.9%	16	--	2	--
Douglas	397	45	11.3%	18	--	1	--
Faribault	141	6	--	8	--	0	--
Fillmore	248	12	--	9	--	1	--
Freeborn	308	25	8.1%	14	--	5	--
Goodhue	502	36	7.2%	30	6.0%	4	--
Grant	72	7	--	3	--	0	--
Hennepin	14,864	1,139	7.7%	901	6.1%	154	1.0%
Houston	180	14	--	9	--	2	--
Hubbard	201	12	--	11	--	1	--
Isanti	431	40	9.3%	29	6.7%	6	--
Itasca	418	40	9.6%	26	6.2%	6	--
Jackson	97	7	--	2	--	0	--
Kanabec	148	11	--	7	--	1	--
Kandiyohi	537	31	5.8%	25	4.7%	3	--
Kittson	43	6	--	2	--	1	--
Koochiching	96	6	--	2	--	0	--
Lac Qui Parle	67	3	--	1	--	0	--
Lake	91	2	--	2	--	0	--
Lake of the Woods	38	2	--	2	--	0	--
Le Sueur	284	20	7.0%	14	--	2	--
Lincoln	53	5	--	2	--	1	--
Lyon	336	27	8.0%	13	--	1	--
McLeod	373	33	8.8%	19	--	2	--
Mahnomen	96	11	--	5	--	1	--

Table 10. Preterm and Birth Weight of Singleton Births by State/County/ CHB, Minnesota Residents, 2019.

	Number singleton ¹	Number Preterm	% Preterm ²	Number LBW	% LBW ³	Number Very LBW ³	% Very LBW ³
State of Minnesota	63,850	4,827	7.6%	3,415	4.5%	556	0.9%
Marshall	135	7	--	4	--	1	--
Martin	245	17	--	13	--	0	--
Meeker	266	23	8.6%	10	--	1	--
Mille Lacs	282	24	8.5%	14	--	2	--
Morrison	365	26	7.1%	10	--	1	--
Mower	541	50	9.2%	31	5.7%	5	--
Murray	82	7	--	6	--	0	--
Nicollet	329	26	7.9%	17	--	4	--
Nobles	368	32	8.7%	26	7.1%	3	--
Norman	67	7	--	7	--	1	--
Olmsted	1,975	150	7.6%	105	5.3%	21	1.1%
Otter Tail	614	40	6.5%	34	5.5%	4	--
Pennington	143	15	--	6	--	1	--
Pine	234	19	--	15	--	2	--
Pipestone	123	11	--	11	--	3	--
Polk	356	31	8.7%	14	--	3	--
Pope	122	10	--	6	--	3	--
Ramsey	6,934	536	7.7%	438	6.3%	76	1.1%
Red Lake	42	7	--	2	--	0	--
Redwood	190	10	--	10	--	1	--
Renville	159	17	--	11	--	1	--
Rice	701	51	7.3%	33	4.7%	9	--
Rock	90	6	--	1	--	0	--
Roseau	161	11	--	6	--	1	--
St. Louis	1,849	155	8.4%	100	5.4%	15	--
Scott	1,632	97	5.9%	75	4.6%	15	--
Sherburne	1,159	96	8.3%	59	5.1%	8	--
Sibley	162	9	--	8	--	1	--
Stearns	1,920	140	7.3%	83	4.3%	10	--
Steele	405	28	6.9%	29	7.2%	5	--
Stevens	127	13	--	7	--	0	--
Swift	106	10	--	5	--	1	--
Todd	285	13	--	13	--	1	--
Traverse	27	1	--	1	--	0	--
Wabasha	215	14	--	8	--	2	--
Wadena	186	19	--	13	--	1	--
Waseca	185	15	--	11	--	2	--
Washington	2,608	194	7.4%	142	5.4%	20	0.8%
Watonwan	165	10	--	5	--	1	--
Wilkin	72	3	--	2	--	0	--
Winona	444	28	6.3%	21	4.7%	8	--
Wright	1,627	113	6.9%	65	4.0%	11	--
Yellow Medicine	107	2	--	4	--	0	--

Table 10. Preterm and Birth Weight of Singleton Births by State/County/ CHB, Minnesota Residents, 2019.

	Number singleton ¹	Number Preterm	% Preterm ²	Number LBW	% LBW ³	Number Very LBW ³	% Very LBW ³
State of Minnesota	63,850	4,827	7.6%	3,415	4.5%	556	0.9%
CHB - Aitkin, Itasca, Koochiching	621	55	8.9%	31	5.0%	6	--
CHB - Clearwater, Hubbard, Lake of the Woods	335	22	6.6%	14	--	1	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	466	25	5.4%	20	4.3%	2	--
CHB - Brown, Nicollet	552	45	8.2%	28	5.1%	8	--
CHB - Carlton, Cook, Lake, St. Louis	2,340	188	8.0%	124	5.3%	23	1.0%
CHB - Cottonwood, Jackson	230	15	--	13	--	0	--
CHB - Clay, Wilkin, Becker, Otter Tail	1,881	137	7.3%	105	5.6%	12	--
CHB - Douglas, Grant, Pope, Stevens, Traverse	745	76	10.2%	35	4.7%	4	--
CHB - Dodge, Steele	657	48	7.3%	45	6.8%	7	--
CHB - Fillmore, Houston	428	26	6.1%	18	--	3	--
CHB - Faribault, Martin	386	23	6.0%	21	5.4%	0	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	524	46	8.8%	20	3.8%	4	--
CHB - Kandiyohi, Renville	696	48	6.9%	36	5.2%	4	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	874	66	7.6%	43	4.9%	6	--
CHB - LeSueur, Waseca	469	35	7.5%	25	5.3%	4	--
CHB - Meeker, McLeod, Sibley	801	65	8.1%	37	4.6%	4	--
CHB - Mahnomen, Norman, Polk	519	49	9.4%	26	5.0%	5	--
CHB - Morrison, Todd, Wadena	836	58	6.9%	36	4.3%	3	--

Table 10. Preterm and Birth Weight of Singleton Births by State/County/ CHB, Minnesota Residents, 2019.

	Number singleton ¹	Number Preterm	% Preterm ²	Number LBW	% LBW ³	Number Very LBW ³	% Very LBW ³
State of Minnesota	63,850	4,827	7.6%	3,415	4.5%	556	0.9%
Metro CHBs							
CHB - Bloomington	908	86	9.5%	72	7.9%	53	--
CHB - Edina	449	27	6.0%	25	5.6%	24	--
CHB - Minneapolis	5,332	577	10.8%	482	9.0%	390	1.7%
CHB - Richfield	469	57	12.2%	52	11.1%	40	--
CHB - St. Paul	4,427	437	9.9%	383	8.7%	317	1.5%

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, 2014-2018.

State/County/CHB	Birth Period ²			
	1999-2003	2004-2008	2009-2013	2014-2018
State of Minnesota	1,805	1,903	1,641	1,692
Aitkin	3	1	3	7
Anoka	98	112	92	81
Becker	14	14	15	8
Beltrami	20	27	36	31
Benton	13	23	15	16
Big Stone	2	0	4	1
Blue Earth	12	13	18	23
Brown	5	8	3	8
Carlton	13	9	7	6
Carver	18	20	25	24
Cass	9	15	9	16
Chippewa	2	1	3	3
Chisago	11	17	17	11
Clay	20	34	21	13
Clearwater	5	4	3	3
Cook	2	2	2	3
Cottonwood	3	4	2	5
Crow Wing	17	19	17	11
Dakota	125	124	99	113
Dodge	6	13	2	7
Douglas	9	10	12	11
Faribault	2	2	3	5
Fillmore	9	6	4	5
Freeborn	12	9	10	8
Goodhue	12	12	15	13
Grant	0	0	2	2
Hennepin	439	470	391	391
Houston	9	5	3	3
Hubbard	8	4	3	9
Isanti	11	11	12	13
Itasca	20	11	13	11
Jackson	1	5	3	2
Kanabec	3	3	3	7
Kandiyohi	9	13	10	12
Kittson	1	0	2	0
Koochiching	8	2	1	2
Lac Qui Parle	1	4	3	1
Lake	6	5	2	4
Lake of the Woods	3	2	0	0
Le Sueur	5	4	6	6
Lincoln	1	1	1	0
Lyon	12	11	9	6
McLeod	19	8	9	10
Mahnomen	4	3	7	5

Table 11. Number of Infant Deaths¹ by State/County/CHB, Minnesota Residents, 2014-2018.

State/County/CHB	Birth Period ²			
	1999-2003	2004-2008	2009-2013	2014-2018
State of Minnesota	1,805	1,903	1,641	1,692
Marshall	5	6	1	4
Martin	3	5	5	3
Meeker	3	9	5	6
Mille Lacs	10	14	9	12
Morrison	15	15	9	7
Mower	14	10	14	16
Murray	4	2	1	2
Nicollet	3	15	15	7
Nobles	6	11	11	4
Norman	2	0	1	2
Olmsted	60	54	58	42
Otter Tail	15	7	17	13
Pennington	7	2	6	4
Pine	10	12	12	10
Pipestone	5	2	1	3
Polk	5	16	10	14
Pope	3	1	7	4
Ramsey	248	260	211	251
Red Lake	3	0	0	0
Redwood	4	0	4	6
Renville	5	2	5	1
Rice	22	12	15	23
Rock	3	1	1	3
Roseau	8	6	3	7
St. Louis	61	49	59	58
Scott	25	50	30	31
Sherburne	23	34	28	22
Sibley	3	1	4	1
Stearns	53	52	39	59
Steele	15	7	9	9
Stevens	5	1	5	1
Swift	3	4	2	4
Todd	10	10	7	11
Traverse	1	1	1	2
Wabasha	9	4	4	8
Wadena	1	9	2	5
Waseca	4	6	4	2
Washington	65	74	53	64
Watonwan	6	9	4	5
Wilkin	5	1	1	2
Winona	16	19	9	16
Wright	31	47	42	29
Yellow Medicine	4	2	0	3

Table 11. Number of Infant Deaths¹ by State/County/CHB, Minnesota Residents, 2014-2018.

State/County/CHB	Birth Period ²			
	1999-2003	2004-2008	2009-2013	2014-2018
State of Minnesota	1,805	1,903	1,641	1,692
CHB - Aitkin, Itasca, Koochiching	31	14	17	20
CHB - Clearwater, Hubbard, Lake of the Woods	16	10	6	12
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	12	11	12	12
CHB - Brown, Nicollet	8	23	18	15
CHB - Carlton, Cook, Lake, St. Louis	82	65	70	71
CHB - Cottonwood, Jackson	4	9	5	7
CHB - Clay, Wilkin, Becker, Otter Tail	54	56	54	36
CHB - Douglas, Grant, Pope, Stevens, Traverse	18	13	27	20
CHB - Dodge, Steele	21	20	11	16
CHB - Fillmore, Houston	18	11	7	8
CHB - Faribault, Martin	5	7	8	8
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	24	14	12	15
CHB - Kandiyohi, Renville	14	15	15	13
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	29	17	17	20
CHB - LeSueur, Waseca	9	10	10	8
CHB - Meeker, McLeod, Sibley	25	18	18	17
CHB - Mahnomen, Norman, Polk	11	19	18	21
CHB - Morrison, Todd, Wadena	26	34	18	23
Metro CHBs				
CHB - Bloomington	24	17	13	16
CHB - Edina	9	4	7	7
CHB - Minneapolis	212	228	181	199
CHB - Richfield	14	13	13	7
CHB - St. Paul	196	191	149	177

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, 2019

Table 2. Number of Deaths by Age Group, Minnesota Residents, 2019

Table 3. Age-Specific Crude Death Rates, Minnesota Residents, 2019

Table 4. Leading Causes of Death Counts, Minnesota Residents, 2019

Table 5. Cause-Specific Crude Death Rates, Minnesota Residents, 2019

Table 6. Cause-Specific Death Counts, Minnesota Residents, 2015-2019

Table 7. Age-Adjusted Cause-Specific Death Rates, Minnesota Residents, 2015-2019

Table 8. Cause-Specific Premature Death Counts, Minnesota Residents, 2015-2019

Table 9. Age-Adjusted Cause-Specific Premature Death Rates, Minnesota Residents, 2015-2019

Mortality Table 1. Summary of Deaths to Minnesota Residents by State/County/CHB, 2019.

State/County/CHB	Deaths	Crude Death Rate ¹	Age-Adjusted Death Rate ²	Premature Deaths ³	
				Deaths	Age Adj. Rate
State of Minnesota	45,499	806.8	647.5	17,741	264.4
Aitkin	253	1,592.6	756.7	95	339.8
Anoka	2,316	648.9	611.3	1,029	233.2
Becker	405	1,176.5	835.8	174	376.7
Beltrami	405	858.3	738.6	192	377.4
Benton	393	961.1	784.0	128	260.7
Big Stone	88	1,763.2	757.1	23	275.4
Blue Earth	491	725.8	658.9	181	267.5
Brown	307	1,227.6	706.9	82	255.4
Carlton	373	1,039.8	768.3	139	286.9
Carver	571	543.3	555.0	209	171.8
Cass	339	1,138.4	727.6	168	394.5
Chippewa	160	1,355.9	807.3	54	335.8
Chisago	484	855.4	735.0	172	221.1
Clay	486	756.8	676.0	181	263.1
Clearwater	107	1,213.4	857.2	45	424.8
Cook	57	1,043.4	540.0	18	151.7
Cottonwood	158	1,411.2	765.3	45	314.1
Crow Wing	723	1,111.4	692.2	274	282.7
Dakota	2,808	654.5	596.7	1,142	215.8
Dodge	163	778.6	674.7	56	226.3
Douglas	474	1,242.8	730.2	151	278.7
Faribault	172	1,259.8	707.5	64	334.8
Fillmore	227	1,077.5	627.9	80	272.6
Freeborn	345	1,139.3	629.3	110	237.8
Goodhue	535	1,154.5	751.0	195	299.0
Grant	64	1,071.7	576.9	16	185.8
Hennepin	8,995	710.6	629.8	3,731	248.5
Houston	192	1,032.3	588.3	56	192.0
Hubbard	234	1,088.8	677.9	94	285.6
Isanti	346	852.3	692.4	139	266.5
Itasca	507	1,123.4	693.0	223	334.2
Jackson	115	1,168.0	652.4	36	284.4
Kanabec	175	1,071.2	742.8	80	337.4
Kandiyohi	389	900.5	604.8	143	246.6
Kittson	60	1,396.0	760.1	21	339.7
Koochiching	165	1,349.3	727.3	57	278.4
Lac Qui Parle	78	1,177.7	572.6	30	319.0
Lake	117	1,099.5	561.9	34	194.4
Lake of the Woods	49	1,310.2	699.9	19	256.4
Le Sueur	263	910.4	709.2	99	257.6
Lincoln	92	1,631.5	748.9	25	333.1
Lyon	231	906.8	658.9	82	280.3
McLeod	353	983.5	648.1	125	259.2
Mahnomen	66	1,194.1	1,024.4	34	599.2

Mortality Table 1. Summary of Deaths to Minnesota Residents by State/County/CHB, 2019.

State/County/CHB	Deaths	Crude Death Rate ¹	Age-Adjusted Death Rate ²	Premature Deaths ³	
				Deaths	Age Adj. Rate
State of Minnesota	45,499	806.8	647.5	17,741	264.4
Marshall	98	1,049.7	629.7	39	318.8
Martin	247	1,254.9	643.4	84	276.5
Meeker	231	994.7	646.5	80	246.4
Mille Lacs	319	1,214.0	891.6	127	381.0
Morrison	338	1,012.4	687.8	144	335.5
Mower	433	1,080.8	708.6	149	305.9
Murray	93	1,135.0	574.5	30	252.5
Nicollet	297	866.5	690.3	99	232.0
Nobles	182	841.5	623.9	78	309.8
Norman	88	1,380.4	821.8	35	381.1
Olmsted	1,082	683.5	545.3	383	207.3
Otter Tail	669	1,138.8	641.9	226	259.7
Pennington	144	1,019.9	676.0	43	238.1
Pine	323	1,092.0	712.4	132	296.2
Pipestone	110	1,205.3	629.9	33	262.4
Polk	371	1,182.9	810.7	136	331.6
Pope	140	1,244.6	664.9	44	251.4
Ramsey	4,333	787.4	690.8	1,762	274.1
Red Lake	36	887.8	509.1	22	338.7
Redwood	175	1,153.6	679.2	55	281.6
Renville	185	1,271.7	728.4	61	289.8
Rice	532	794.4	663.2	186	229.5
Rock	135	1,449.3	864.9	44	373.8
Roseau	152	1,002.3	735.9	61	315.4
St. Louis	2,066	1,037.8	720.1	832	305.2
Scott	749	502.6	583.2	270	164.1
Sherburne	590	606.8	672.1	293	263.6
Sibley	136	914.9	601.9	47	236.7
Stearns	1,128	700.3	592.2	457	248.5
Steele	315	859.5	582.5	99	208.7
Stevens	99	1,009.7	705.0	34	340.8
Swift	112	1,208.7	715.5	48	404.2
Todd	216	875.8	585.6	78	255.3
Traverse	61	1,871.7	865.9	17	381.4
Wabasha	199	920.1	561.7	70	220.6
Wadena	197	1,439.8	856.2	63	358.0
Waseca	188	1,010.1	713.2	69	283.4
Washington	1,746	665.3	580.5	632	191.2
Watonwan	115	1,055.3	645.7	40	297.7
Wilkin	83	1,337.2	861.8	25	321.7
Winona	428	847.8	650.9	159	249.7
Wright	918	663.4	674.3	372	232.5
Yellow Medicine	109	1,122.7	631.7	32	233.6

Mortality Table 1. Summary of Deaths to Minnesota Residents by State/County/CHB, 2019.

State/County/CHB	Deaths	Crude Death Rate ¹	Age-Adjusted Death Rate ²	Premature Deaths ³	
				Deaths	Age Adj. Rate
State of Minnesota	45,499	806.8	647.5	17,741	264.4
CHB - Aitkin, Itasca, Koochiching	925	1,262.9	719.1	375	326.6
CHB - Clearwater, Hubbard, Lake of the Woods	390	1,145.4	726.8	158	317.1
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	547	1,290.4	698.6	187	318.1
CHB - Brown, Nicollet	604	1,018.9	694.5	181	240.3
CHB - Carlton, Cook, Lake, St. Louis	2,613	1,040.8	712.3	1,023	292.6
CHB - Cottonwood, Jackson	273	1,297.4	709.2	81	297.3
CHB - Clay, Wilkin, Becker, Otter Tail	1,643	1,004.3	698.6	606	284.9
CHB - Douglas, Grant, Pope, Stevens, Traverse	838	1,224.7	710.8	262	279.1
CHB - Dodge, Steele	478	830.1	612.8	155	215.9
CHB - Fillmore, Houston	419	1,056.3	607.5	136	233.6
CHB - Faribault, Martin	419	1,256.9	668.3	148	300.4
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	490	1,043.2	672.6	186	296.6
CHB - Kandiyohi, Renville	574	994.0	639.8	204	258.2
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	836	1,146.5	682.5	269	290.1
CHB - LeSueur, Waseca	451	949.5	710.1	168	266.8
CHB - Meeker, McLeod, Sibley	720	973.2	636.2	252	250.0
CHB - Mahnomen, Norman, Polk	525	1,213.4	837.7	205	371.1
CHB - Morrison, Todd, Wadena	751	1,047.0	686.9	285	310.1

Mortality Table 1. Summary of Deaths to Minnesota Residents by State/County/CHB, 2019.

State/County/CHB	Deaths	Crude Death Rate ¹	Age-Adjusted Death Rate ²	Premature Deaths ³	
				Deaths	Age Adj. Rate
State of Minnesota	45,499	806.8	647.5	17,741	264.4
Metro CHBs					
CHB - Bloomington	847	992.6	646.4	284	260.7
CHB - Edina	493	952.7	499.2	101	134.8
CHB - Minneapolis	2,579	613.6	756.1	1,421	339.8
CHB - Richfield	300	831.9	643.1	96	236.7
CHB - St. Paul	2,135	701.0	814.9	1,075	345.4

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

² Age 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/>.

³ Premature 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 17 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, 2019.

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	45,499	302	69	33	47	153	1,030	1,842	6,325	12,949	22,749
Aitkin	253	1	0	0	0	0	1	7	29	107	108
Anoka	2,316	20	3	4	3	14	49	118	370	752	983
Becker	405	2	2	1	1	1	14	13	50	140	181
Beltrami	405	5	1	1	0	4	28	28	70	96	172
Benton	393	2	0	0	0	0	7	6	58	90	230
Big Stone	88	0	0	0	0	0	0	1	7	26	54
Blue Earth	491	5	1	0	0	0	7	27	70	122	259
Brown	307	2	0	1	1	1	3	10	25	80	184
Carlton	373	1	0	1	0	2	7	10	54	99	199
Carver	571	4	1	0	0	2	17	22	78	152	295
Cass	339	1	0	0	2	2	5	20	68	114	127
Chippewa	160	1	0	0	0	1	1	4	16	46	91
Chisago	484	2	0	1	0	1	5	12	70	155	238
Clay	486	4	0	0	0	2	14	14	74	133	245
Clearwater	107	0	0	0	0	0	5	7	10	35	50
Cook	57	0	0	0	0	0	0	2	2	23	30
Cottonwood	158	0	0	0	0	1	3	6	10	40	98
Crow Wing	723	3	1	1	0	2	9	23	102	225	357
Dakota	2,808	20	5	3	5	12	64	133	398	823	1,345
Dodge	163	1	0	0	1	1	3	6	24	42	85
Douglas	474	0	0	0	1	1	7	13	57	128	267
Faribault	172	1	0	0	0	0	4	6	20	49	92
Fillmore	227	0	1	0	1	0	4	6	29	59	127
Freeborn	345	0	0	0	0	0	4	7	38	91	205
Goodhue	535	1	1	0	0	2	9	16	68	153	285
Grant	64	0	0	0	0	0	0	1	7	21	35
Hennepin	8,995	77	16	8	7	26	262	446	1,306	2,483	4,364
Houston	192	1	0	0	1	1	0	3	21	51	114
Hubbard	234	0	0	1	0	2	3	10	32	84	102
Isanti	346	5	1	0	0	1	6	14	47	105	167

Mortality Table 2. Number of Deaths by Age Group by State/County/CHB, Minnesota Residents, 2019.

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	45,499	302	69	33	47	153	1,030	1,842	6,325	12,949	22,749
Itasca	507	0	4	0	0	2	6	25	75	166	229
Jackson	115	2	1	0	0	0	2	3	12	28	67
Kanabec	175	2	0	0	0	0	2	10	28	56	77
Kandiyohi	389	3	1	0	0	1	5	14	48	112	205
Kittson	60	1	0	0	0	0	1	1	10	11	36
Koochiching	165	0	0	0	0	1	0	6	18	55	85
Lac Qui Parle	78	0	1	0	0	0	2	2	9	23	41
Lake	117	0	0	0	0	1	2	2	11	28	73
Lake of the Woods	49	0	0	0	0	0	0	1	7	18	23
Le Sueur	263	2	0	0	0	0	4	10	31	84	132
Lincoln	92	1	0	0	0	1	0	3	7	19	61
Lyon	231	2	0	0	0	3	2	6	34	57	127
McLeod	353	0	0	0	1	1	7	8	49	99	188
Mahnomen	66	1	0	0	0	0	2	8	12	20	23
Marshall	98	0	0	0	1	0	3	2	17	27	48
Martin	247	2	0	0	0	0	2	6	34	67	136
Meeker	231	0	0	0	0	0	3	8	30	80	110
Mille Lacs	319	0	0	0	2	1	4	17	38	102	155
Morrison	338	2	0	0	0	0	10	13	59	91	163
Mower	433	4	0	0	1	1	12	12	51	108	244
Murray	93	0	0	0	0	0	3	0	14	24	52
Nicollet	297	1	0	0	0	2	1	7	31	80	175
Nobles	182	4	1	1	1	1	5	7	28	46	88
Norman	88	0	1	0	0	0	0	2	10	33	42
Olmsted	1,082	11	4	2	1	2	20	46	136	273	587
Otter Tail	669	0	0	0	1	3	8	21	79	188	369
Pennington	144	0	0	0	0	2	1	5	14	45	77
Pine	323	3	1	0	0	0	5	9	51	103	151
Pipestone	110	1	0	0	0	1	0	1	9	27	71
Polk	371	1	1	0	1	2	2	12	60	94	198
Pope	140	1	0	0	0	1	0	2	17	36	83

Mortality Table 2. Number of Deaths by Age Group by State/County/CHB, Minnesota Residents, 2019.

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	45,499	302	69	33	47	153	1,030	1,842	6,325	12,949	22,749
Ramsey	4,333	46	6	2	3	14	137	183	655	1,147	2,140
Red Lake	36	0	1	0	0	0	0	0	8	13	14
Redwood	175	1	0	0	0	1	3	4	22	42	102
Renville	185	2	0	0	0	0	0	3	24	54	102
Rice	532	6	1	0	0	0	14	15	64	149	283
Rock	135	0	0	0	1	0	2	6	11	35	80
Roseau	152	0	0	0	0	1	4	9	21	44	73
St. Louis	2,066	10	1	2	3	4	49	78	276	631	1,012
Scott	749	2	1	2	1	3	21	25	104	212	378
Sherburne	590	1	2	1	2	3	18	27	115	185	236
Sibley	136	0	0	0	1	0	2	3	17	40	73
Stearns	1,128	9	2	0	0	4	37	52	163	307	554
Steele	315	0	0	1	0	1	4	9	38	74	188
Stevens	99	1	0	0	0	1	2	6	12	17	60
Swift	112	0	0	0	0	0	4	4	19	30	55
Todd	216	1	0	0	1	1	6	12	29	58	108
Traverse	61	0	0	0	0	0	0	2	8	12	39
Wabasha	199	1	0	0	0	2	4	2	23	66	101
Wadena	197	1	0	0	0	2	2	8	21	49	114
Waseca	188	2	0	0	0	1	4	5	26	46	104
Washington	1,746	7	5	0	2	3	39	65	202	525	898
Watonwan	115	0	0	0	1	1	3	4	10	35	61
Wilkin	83	0	0	0	0	0	1	3	8	23	48
Winona	428	2	1	0	0	2	6	12	63	119	223
Wright	918	7	1	0	0	4	12	42	132	286	434
Yellow Medicine	109	0	0	0	0	0	1	3	15	26	64

Mortality Table 2. Number of Deaths by Age Group by State/County/CHB, Minnesota Residents, 2019.

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	45,499	302	69	33	47	153	1,030	1,842	6,325	12,949	22,749
CHB - Aitkin, Itasca, Koochiching	925	1	4	0	0	3	7	38	122	328	422
CHB - Clearwater, Hubbard, Lake of the Woods	390	0	0	1	0	2	8	18	49	137	175
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	547	1	1	0	0	1	8	14	66	151	305
CHB - Brown, Nicollet	604	3	0	1	1	3	4	17	56	160	359
CHB - Carlton, Cook, Lake, St. Louis	2,613	11	1	3	3	7	58	92	343	781	1,314
CHB - Cottonwood, Jackson	273	2	1	0	0	1	5	9	22	68	165
CHB - Clay, Wilkin, Becker, Otter Tail	1,643	6	2	1	2	6	37	51	211	484	843
CHB - Douglas, Grant, Pope, Stevens, Traverse	838	2	0	0	1	3	9	24	101	214	484
CHB - Dodge, Steele	478	1	0	1	1	2	7	15	62	116	273
CHB - Fillmore, Houston	419	1	1	0	2	1	4	9	50	110	241
CHB - Faribault, Martin	419	3	0	0	0	0	6	12	54	116	228
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	490	1	1	0	1	3	9	17	70	140	248
CHB - Kandiyohi, Renville	574	5	1	0	0	1	5	17	72	166	307
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	836	5	0	0	1	6	10	20	97	204	493
CHB - LeSueur, Waseca	451	4	0	0	0	1	8	15	57	130	236
CHB - Meeker, McLeod, Sibley	720	0	0	0	2	1	12	19	96	219	371
CHB - Mahnomen, Norman, Polk	525	2	2	0	1	2	4	22	82	147	263
CHB - Morrison, Todd, Wadena	751	4	0	0	1	3	18	33	109	198	385

Mortality Table 2. Number of Deaths by Age Group by State/County/CHB, Minnesota Residents, 2019.

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	45,499	302	69	33	47	153	1,030	1,842	6,325	12,949	22,749
Metro CHBs											
CHB - Bloomington	847	8	2	0	0	3	12	28	89	228	477
CHB - Edina	493	1	0	0	0	0	6	2	32	108	344
CHB - Minneapolis	2,579	35	8	4	4	13	130	206	499	761	919
CHB - Richfield	300	3	0	0	0	1	7	8	35	71	175
CHB - St. Paul	2,135	36	3	1	2	13	90	116	414	587	873

Note: For 17 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, 2019.

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	446.6	24.3	9.1	12.7	42.4	92.1	174.7	574.5	1,877.0	9,868.9
Aitkin	--	--	--	--	--	--	--	763.4	2,595.2	8,640.0
Anoka	478.4	--	--	--	--	72.9	166.2	495.9	1,844.0	8,936.4
Becker	--	--	--	--	--	--	--	700.3	2,509.9	10,672.2
Beltrami	--	--	--	--	--	271.4	376.9	865.5	1,660.6	8,634.5
Benton	--	--	--	--	--	--	--	783.8	2,172.3	13,411.1
Big Stone	--	--	--	--	--	--	--	--	2,957.9	11,739.1
Blue Earth	--	--	--	--	--	--	253.2	671.5	1,750.1	9,751.5
Brown	--	--	--	--	--	--	--	485.5	2,190.6	10,932.9
Carlton	--	--	--	--	--	--	--	704.8	2,134.5	12,246.2
Carver	--	--	--	--	--	--	97.7	354.2	1,494.2	9,587.3
Cass	--	--	--	--	--	--	456.0	997.2	1,820.8	7,810.6
Chippewa	--	--	--	--	--	--	--	--	2,504.1	12,465.8
Chisago	--	--	--	--	--	--	--	552.1	2,213.3	12,280.7
Clay	--	--	--	--	--	--	--	740.7	2,186.4	9,780.4
Clearwater	--	--	--	--	--	--	--	--	2,719.5	9,671.2
Cook	--	--	--	--	--	--	--	--	1,780.2	9,708.7
Cottonwood	--	--	--	--	--	--	--	--	2,268.9	11,850.1
Crow Wing	--	--	--	--	--	--	212.8	731.6	1,968.0	10,162.3
Dakota	393.1	--	--	--	--	80.0	155.3	457.9	1,685.9	9,476.5
Dodge	--	--	--	--	--	--	--	587.1	1,763.2	10,732.3
Douglas	--	--	--	--	--	--	--	728.7	1,961.4	11,125.0
Faribault	--	--	--	--	--	--	--	677.5	2,229.3	9,426.2
Fillmore	--	--	--	--	--	--	--	676.9	1,883.2	9,506.0
Freeborn	--	--	--	--	--	--	--	594.8	1,903.4	10,019.6
Goodhue	--	--	--	--	--	--	--	670.5	2,241.1	11,354.6
Grant	--	--	--	--	--	--	--	--	2,046.8	8,599.5
Hennepin	477.7	--	--	--	35.6	89.9	178.3	555.7	1,789.6	9,718.3
Houston	--	--	--	--	--	--	--	503.5	1,700.6	10,354.2
Hubbard	--	--	--	--	--	--	--	657.5	1,981.1	8,622.1
Isanti	--	--	--	--	--	--	--	544.0	2,060.4	10,220.3

Mortality Table 3. Age-Specific, Crude Death Rates Per 100,000 Age-Specific Population by State/County/CHB, MN Residents, 2019.

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	446.6	24.3	9.1	12.7	42.4	92.1	174.7	574.5	1,877.0	9,868.9
Itasca	--	--	--	--	--	--	331.6	749.9	1,991.6	9,005.1
Jackson	--	--	--	--	--	--	--	--	1,814.6	9,153.0
Kanabec	--	--	--	--	--	--	--	756.3	2,112.4	10,013.0
Kandiyohi	--	--	--	--	--	--	--	568.0	1,867.0	9,131.4
Kittson	--	--	--	--	--	--	--	--	--	11,538.5
Koochiching	--	--	--	--	--	--	--	--	2,264.3	10,179.6
Lac Qui Parle	--	--	--	--	--	--	--	--	1,893.0	6,487.3
Lake	--	--	--	--	--	--	--	--	1,347.4	9,395.1
Lake of the Woods	--	--	--	--	--	--	--	--	--	10,313.9
Le Sueur	--	--	--	--	--	--	--	499.4	2,146.7	11,000.0
Lincoln	--	--	--	--	--	--	--	--	--	11,619.0
Lyon	--	--	--	--	--	--	--	740.7	1,944.1	10,079.4
McLeod	--	--	--	--	--	--	--	665.5	2,000.8	9,771.3
Mahnomen	--	--	--	--	--	--	--	--	2,907.0	8,646.6
Marshall	--	--	--	--	--	--	--	--	1,885.5	7,384.6
Martin	--	--	--	--	--	--	--	825.4	2,067.9	9,024.6
Meeker	--	--	--	--	--	--	--	620.6	2,306.1	8,487.7
Mille Lacs	--	--	--	--	--	--	--	686.4	2,789.2	12,581.2
Morrison	--	--	--	--	--	--	--	821.7	1,852.6	9,198.6
Mower	--	--	--	--	--	--	--	683.6	2,132.3	10,365.3
Murray	--	--	--	--	--	--	--	--	1,591.5	8,320.0
Nicollet	--	--	--	--	--	--	--	507.8	1,866.5	12,178.1
Nobles	--	--	--	--	--	--	--	711.6	1,837.8	7,836.2
Norman	--	--	--	--	--	--	--	--	3,437.5	10,243.9
Olmsted	--	--	--	--	--	62.8	152.9	466.1	1,486.4	8,545.6
Otter Tail	--	--	--	--	--	--	233.3	612.8	1,783.5	9,642.0
Pennington	--	--	--	--	--	--	--	--	2,374.7	10,065.4
Pine	--	--	--	--	--	--	--	736.1	2,135.6	9,837.1
Pipestone	--	--	--	--	--	--	--	--	2,251.9	10,215.8
Polk	--	--	--	--	--	--	--	963.2	2,268.9	12,139.8
Pope	--	--	--	--	--	--	--	--	1,786.6	10,807.3

Mortality Table 3. Age-Specific, Crude Death Rates Per 100,000 Age-Specific Population by State/County/CHB, MN Residents, 2019.

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	446.6	24.3	9.1	12.7	42.4	92.1	174.7	574.5	1,877.0	9,868.9
Ramsey	602.5	--	--	--	--	106.0	183.6	679.4	1,863.5	10,553.8
Red Lake	--	--	--	--	--	--	--	--	--	--
Redwood	--	--	--	--	--	--	--	729.9	1,865.0	9,990.2
Renville	--	--	--	--	--	--	--	757.8	2,561.7	10,658.3
Rice	--	--	--	--	--	--	--	506.6	1,888.0	10,516.5
Rock	--	--	--	--	--	--	--	--	2,639.5	13,675.2
Roseau	--	--	--	--	--	--	--	613.3	2,171.8	10,082.9
St. Louis	--	--	--	--	--	119.9	234.7	683.0	2,095.6	10,320.2
Scott	--	--	--	--	--	81.1	76.2	352.8	1,604.8	10,232.8
Sherburne	--	--	--	--	--	--	130.7	608.9	2,045.1	10,029.7
Sibley	--	--	--	--	--	--	--	--	2,017.1	8,827.1
Stearns	--	--	--	--	--	101.0	195.8	561.7	1,675.3	8,397.8
Steele	--	--	--	--	--	--	--	521.5	1,548.4	9,756.1
Stevens	--	--	--	--	--	--	--	--	--	10,544.8
Swift	--	--	--	--	--	--	--	--	2,135.2	8,160.2
Todd	--	--	--	--	--	--	--	547.3	1,422.6	7,860.3
Traverse	--	--	--	--	--	--	--	--	--	13,494.8
Wabasha	--	--	--	--	--	--	--	473.6	1,819.7	8,067.1
Wadena	--	--	--	--	--	--	--	793.1	2,402.0	12,939.8
Waseca	--	--	--	--	--	--	--	719.2	1,800.4	11,491.7
Washington	--	--	--	--	--	86.9	124.8	367.2	1,669.9	9,524.8
Watonwan	--	--	--	--	--	--	--	--	2,331.8	8,322.0
Wilkin	--	--	--	--	--	--	--	--	2,674.4	13,333.3
Winona	--	--	--	--	--	--	--	685.0	1,800.3	9,755.0
Wright	--	--	--	--	--	--	144.4	498.7	2,050.3	10,785.3
Yellow Medicine	--	--	--	--	--	--	--	--	1,941.7	9,397.9

Mortality Table 3. Age-Specific, Crude Death Rates Per 100,000 Age-Specific Population by State/County/CHB, MN Residents, 2019.

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	446.6	24.3	9.1	12.7	42.4	92.1	174.7	574.5	1,877.0	9,868.9
CHB - Aitkin, Itasca, Koochiching	--	--	--	--	--	--	329.9	728.7	2,203.3	9,118.4
CHB - Clearwater, Hubbard, Lake of the Woods	--	--	--	--	--	--	--	639.3	2,190.9	9,100.4
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	--	--	--	--	--	--	--	746.5	2,262.2	9,600.3
CHB - Brown, Nicollet	--	--	--	--	--	--	--	497.6	2,015.6	11,506.4
CHB - Carlton, Cook, Lake, St. Louis	--	--	--	--	--	117.5	215.3	661.7	2,048.9	10,497.7
CHB - Cottonwood, Jackson	--	--	--	--	--	--	--	513.5	2,056.9	10,583.7
CHB - Clay, Wilkin, Becker, Otter Tail	--	--	--	--	--	123.0	186.0	671.2	2,098.7	10,050.1
CHB - Douglas, Grant, Pope, Stevens, Traverse	--	--	--	--	--	--	214.7	742.6	1,904.1	10,918.1
CHB - Dodge, Steele	--	--	--	--	--	--	--	545.1	1,619.9	10,040.5
CHB - Fillmore, Houston	--	--	--	--	--	--	--	591.4	1,793.9	9,889.2
CHB - Faribault, Martin	--	--	--	--	--	--	--	763.7	2,133.1	9,182.4
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	--	--	--	--	--	--	--	707.8	2,080.9	9,161.4
CHB - Kandiyohi, Renville	--	--	--	--	--	--	--	619.7	2,047.6	9,587.8
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	--	--	--	--	--	--	164.8	691.9	2,018.4	10,464.9
CHB - LeSueur, Waseca	--	--	--	--	--	--	--	580.3	2,009.9	11,211.4
CHB - Meeker, McLeod, Sibley	--	--	--	--	--	--	--	621.5	2,105.8	9,167.3
CHB - Mahnommen, Norman, Polk	--	--	--	--	--	--	303.8	962.9	2,538.4	11,400.1
CHB - Morrison, Todd, Wadena	--	--	--	--	--	--	278.4	720.6	1,795.3	9,560.5

Mortality Table 3. Age-Specific, Crude Death Rates Per 100,000 Age-Specific Population by State/County/CHB, MN Residents, 2019.

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	446.6	24.3	9.1	12.7	42.4	92.1	174.7	574.5	1,877.0	9,868.9
Metro CHBs		0-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
CHB - Bloomington	N/A	--	--	--	--	--	175.6	505.3	1,926.5	10,110.2
CHB - Edina	N/A	--	--	--	--	--	--	302.3	1,440.2	9,734.0
CHB - Minneapolis	N/A	157.4	--	--	--	96.5	253.2	778.3	2,313.3	10,096.7
CHB - Richfield	N/A	--	--	--	--	--	--	569.0	1,828.5	10,348.9
CHB - St. Paul	N/A	175.4	--	--	--	109.8	205.6	848.2	2,370.4	11,988.5

Note: For 15 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, 2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
State of Minnesota	9,880	8,188	2,729	2,567	2,256	2,307	1,394	799	501	731
Aitkin	55	52	13	9	17	13	15	5	6	2
Anoka	551	347	131	122	174	110	80	37	18	46
Becker	72	54	15	22	19	16	17	10	3	3
Beltrami	79	62	33	23	16	18	9	14	2	3
Benton	81	63	16	30	19	21	14	5	3	10
Big Stone	21	18	6	2	4	5	2	0	1	1
Blue Earth	100	96	31	24	17	23	21	8	10	6
Brown	75	38	10	19	10	11	9	6	5	7
Carlton	66	89	19	20	12	23	12	4	5	1
Carver	127	87	28	21	24	26	19	11	7	12
Cass	86	53	18	14	21	14	9	7	7	2
Chippewa	34	32	12	9	8	8	2	3	4	4
Chisago	133	89	24	37	29	27	11	6	1	8
Clay	82	73	9	47	18	12	20	7	4	4
Clearwater	27	24	8	0	7	3	8	3	1	0
Cook	15	12	2	2	4	2	1	0	1	0
Cottonwood	28	36	6	11	6	7	5	6	0	3
Crow Wing	172	122	41	49	49	29	21	13	8	14
Dakota	665	477	202	163	135	156	77	52	28	46
Dodge	38	46	15	8	6	4	5	4	3	2
Douglas	97	94	25	34	23	28	15	10	5	13
Faribault	36	48	7	3	8	5	9	4	3	2
Fillmore	55	55	5	19	11	16	3	3	1	2
Freeborn	68	72	16	17	15	22	7	2	6	8
Goodhue	101	120	34	28	40	19	12	9	2	8
Grant	6	13	1	4	6	5	3	1	0	0
Hennepin	1,982	1,447	662	474	370	437	244	156	108	149
Houston	24	44	10	12	10	8	10	2	2	4
Hubbard	47	52	9	21	12	7	10	8	3	2
Isanti	76	62	29	12	15	21	14	9	6	6

Mortality Table 4. Cause-Specific Death Counts for Ten Leading Causes,¹ by State/County/CHB, Minnesota Residents, 2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
State of Minnesota	9,880	8,188	2,729	2,567	2,256	2,307	1,394	799	501	731
Itasca	126	110	26	18	24	25	18	6	10	6
Jackson	16	27	6	5	9	4	8	3	0	1
Kanabec	41	38	13	4	15	9	3	4	1	3
Kandiyohi	88	68	19	20	20	26	7	3	4	3
Kittson	10	7	1	0	5	2	0	2	2	1
Koochiching	30	37	5	5	10	8	13	3	2	0
Lac Qui Parle	15	26	7	0	3	1	2	0	3	0
Lake	25	17	5	13	8	3	3	3	3	3
Lake of the Woods	11	10	3	2	2	1	0	0	1	0
Le Sueur	65	53	21	13	14	10	9	1	2	3
Lincoln	25	24	2	3	3	3	4	1	0	1
Lyon	48	47	8	14	17	4	10	6	5	2
McLeod	64	68	16	22	18	18	16	6	4	6
Mahnomen	16	4	7	3	6	1	4	2	1	2
Marshall	16	24	2	2	4	5	3	3	0	0
Martin	50	67	11	10	6	8	10	3	3	3
Meeker	54	55	7	6	9	14	10	1	1	3
Mille Lacs	75	50	24	10	24	14	11	8	4	4
Morrison	73	56	18	21	21	18	15	5	4	2
Mower	81	92	21	42	23	30	19	12	1	6
Murray	27	12	4	2	7	4	5	1	0	2
Nicollet	73	63	17	13	12	11	7	2	4	9
Nobles	30	32	11	3	6	7	10	4	3	2
Norman	21	16	4	3	4	2	3	2	0	3
Olmsted	217	269	68	76	44	45	12	23	8	19
Otter Tail	127	157	29	60	41	34	18	10	10	9
Pennington	30	45	6	6	6	6	6	1	5	1
Pine	78	59	16	12	18	23	9	5	4	4
Pipestone	32	21	2	7	2	9	2	0	1	3
Polk	59	79	16	14	18	20	12	6	6	4
Pope	25	26	2	10	11	6	7	2	1	2

Mortality Table 4. Cause-Specific Death Counts for Ten Leading Causes,¹ by State/County/CHB, Minnesota Residents, 2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
State of Minnesota	9,880	8,188	2,729	2,567	2,256	2,307	1,394	799	501	731
Ramsey	890	675	284	265	222	260	116	69	48	76
Red Lake	12	8	0	1	5	2	3	1	0	1
Redwood	28	46	10	8	13	17	3	1	3	2
Renville	47	31	9	11	15	8	9	2	1	1
Rice	109	103	26	10	17	36	16	8	4	7
Rock	25	20	6	15	8	5	5	0	0	4
Roseau	24	42	4	6	7	9	2	6	2	0
St. Louis	407	373	123	151	105	146	81	41	21	33
Scott	186	107	50	46	28	42	18	11	6	14
Sherburne	147	95	43	32	23	24	19	16	3	7
Sibley	42	28	4	9	4	3	6	1	1	1
Stearns	283	174	73	61	47	53	29	17	16	20
Steele	58	80	21	19	12	20	8	3	3	4
Stevens	18	27	5	2	3	5	1	2	1	0
Swift	29	23	3	2	9	0	6	3	0	2
Todd	42	44	12	3	16	13	6	9	4	3
Traverse	9	24	1	1	5	5	0	0	0	0
Wabasha	51	52	12	8	11	11	12	3	2	1
Wadena	30	33	9	18	9	14	9	6	7	6
Waseca	35	37	12	16	13	14	4	3	1	6
Washington	433	268	103	135	86	89	40	37	12	34
Watonwan	17	34	7	1	7	6	6	2	1	2
Wilkin	14	20	3	7	1	7	1	1	3	2
Winona	92	88	21	21	13	20	13	7	3	5
Wright	184	195	48	34	55	25	39	17	10	22
Yellow Medicine	21	25	6	10	7	6	2	0	3	3

Mortality Table 4. Cause-Specific Death Counts for Ten Leading Causes,¹ by State/County/CHB, Minnesota Residents, 2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
State of Minnesota	9,880	8,188	2,729	2,567	2,256	2,307	1,394	799	501	731
CHB - Aitkin, Itasca, Koochiching	211	199	44	32	51	46	46	14	18	8
CHB - Clearwater, Hubbard, Lake of the Woods	85	86	20	23	21	11	18	11	5	2
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	120	124	34	23	31	20	14	6	11	10
CHB - Brown, Nicollet	148	101	27	32	22	22	16	8	9	16
CHB - Carlton, Cook, Lake, St. Louis	513	491	149	186	129	174	97	48	30	37
CHB - Cottonwood, Jackson	44	63	12	16	15	11	13	9	0	4
CHB - Clay, Wilkin, Becker, Otter Tail	295	304	56	136	79	69	56	28	20	18
CHB - Douglas, Grant, Pope, Stevens, Traverse	155	184	34	51	48	49	26	15	7	15
CHB - Dodge, Steele	96	126	36	27	18	24	13	7	6	6
CHB - Fillmore, Houston	79	99	15	31	21	24	13	5	3	6
CHB - Faribault, Martin	86	115	18	13	14	13	19	7	6	5
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	92	126	13	15	27	24	14	13	9	3
CHB - Kandiyohi, Renville	135	99	28	31	35	34	16	5	5	4
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	185	170	32	49	50	42	29	9	9	14
CHB - LeSueur, Waseca	100	90	33	29	27	24	13	4	3	9
CHB - Meeker, McLeod, Sibley	160	151	27	37	31	35	32	8	6	10
CHB - Mahnomen, Norman, Polk	96	99	27	20	28	23	19	10	7	9
CHB - Morrison, Todd, Wadena	145	133	39	42	46	45	30	20	15	11

Mortality Table 4. Cause-Specific Death Counts for Ten Leading Causes,¹ by State/County/CHB, Minnesota Residents, 2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
State of Minnesota	9,880	8,188	2,729	2,567	2,256	2,307	1,394	799	501	731
Metro CHBs										
CHB - Bloomington	198	140	50	55	34	44	21	14	11	14
CHB - Edina	91	94	19	44	26	32	8	4	10	12
CHB - Minneapolis	546	403	237	91	96	122	79	73	30	35
CHB - Richfield	61	53	25	14	15	24	9	4	2	6
CHB - St. Paul	449	323	169	98	109	134	75	38	22	31

¹ These are the 10 leading causes of death for MN residents in 2018. The leading causes may change from year to year and are not necessarily the leading causes for each county or CHB.

Note: For 17 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, 2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
State of Minnesota	175.2	145.2	48.4	45.5	40.0	40.9	24.7	14.2	8.9	13.0
Aitkin	346.2	327.3	--	--	--	--	--	--	--	--
Anoka	154.4	97.2	36.7	34.2	48.8	30.8	22.4	10.4	--	12.9
Becker	209.2	156.9	--	63.9	--	--	--	--	--	--
Beltrami	167.4	131.4	69.9	48.7	--	--	--	--	--	--
Benton	198.1	154.1	--	73.4	--	51.4	--	--	--	--
Big Stone	420.8	--	--	--	--	--	--	--	--	--
Blue Earth	147.8	141.9	45.8	35.5	--	34.0	31.0	--	--	--
Brown	299.9	152.0	--	--	--	--	--	--	--	--
Carlton	184.0	248.1	--	55.8	--	64.1	--	--	--	--
Carver	120.8	82.8	26.6	20.0	22.8	24.7	--	--	--	--
Cass	288.8	178.0	--	--	70.5	--	--	--	--	--
Chippewa	288.1	271.2	--	--	--	--	--	--	--	--
Chisago	235.1	157.3	42.4	65.4	51.3	47.7	--	--	--	--
Clay	127.7	113.7	--	73.2	--	--	31.1	--	--	--
Clearwater	306.2	272.2	--	--	--	--	--	--	--	--
Cook	--	--	--	--	--	--	--	--	--	--
Cottonwood	250.1	321.5	--	--	--	--	--	--	--	--
Crow Wing	264.4	187.5	63.0	75.3	75.3	44.6	32.3	--	--	--
Dakota	155.0	111.2	47.1	38.0	31.5	36.4	17.9	12.1	6.5	10.7
Dodge	181.5	219.7	--	--	--	--	--	--	--	--
Douglas	254.3	246.5	65.5	89.1	60.3	73.4	--	--	--	--
Faribault	263.7	351.6	--	--	--	--	--	--	--	--
Fillmore	261.1	261.1	--	--	--	--	--	--	--	--
Freeborn	224.6	237.8	--	--	--	72.7	--	--	--	--
Goodhue	218.0	259.0	73.4	60.4	86.3	--	--	--	--	--
Grant	--	--	--	--	--	--	--	--	--	--
Hennepin	156.6	114.3	52.3	37.4	29.2	34.5	19.3	12.3	8.5	11.8
Houston	129.0	236.6	--	--	--	--	--	--	--	--
Hubbard	218.7	242.0	--	97.7	--	--	--	--	--	--
Isanti	187.2	152.7	71.4	--	--	51.7	--	--	--	--

Mortality Table 5. Cause-Specific Crude Death Rates for 10 Leading Causes¹ by State/County/CHB, 2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
Itasca	279.2	243.7	57.6	--	53.2	55.4	--	--	--	--
Jackson	--	274.2	--	--	--	--	--	--	--	--
Kanabec	251.0	232.6	--	--	--	--	--	--	--	--
Kandiyohi	203.7	157.4	--	46.3	46.3	60.2	--	--	--	--
Kittson	--	--	--	--	--	--	--	--	--	--
Koochiching	245.3	302.6	--	--	--	--	--	--	--	--
Lac Qui Parle	--	392.6	--	--	--	--	--	--	--	--
Lake	234.9	--	--	--	--	--	--	--	--	--
Lake of the Woods	--	--	--	--	--	--	--	--	--	--
Le Sueur	225.0	183.5	72.7	--	--	--	--	--	--	--
Lincoln	443.3	425.6	--	--	--	--	--	--	--	--
Lyon	188.4	184.5	--	--	--	--	--	--	--	--
McLeod	178.3	189.5	--	61.3	--	--	--	--	--	--
Mahnomen	--	--	--	--	--	--	--	--	--	--
Marshall	--	257.1	--	--	--	--	--	--	--	--
Martin	254.0	340.4	--	--	--	--	--	--	--	--
Meeker	232.5	236.8	--	--	--	--	--	--	--	--
Mille Lacs	285.4	190.3	91.3	--	91.3	--	--	--	--	--
Morrison	218.7	167.7	--	62.9	62.9	--	--	--	--	--
Mower	202.2	229.6	52.4	104.8	57.4	74.9	--	--	--	--
Murray	329.5	--	--	--	--	--	--	--	--	--
Nicollet	213.0	183.8	--	--	--	--	--	--	--	--
Nobles	138.7	147.9	--	--	--	--	--	--	--	--
Norman	329.4	--	--	--	--	--	--	--	--	--
Olmsted	137.1	169.9	43.0	48.0	27.8	28.4	--	14.5	--	--
Otter Tail	216.2	267.3	49.4	102.1	69.8	57.9	--	--	--	--
Pennington	212.5	318.7	--	--	--	--	--	--	--	--
Pine	263.7	199.5	--	--	--	77.8	--	--	--	--
Pipestone	350.6	230.1	--	--	--	--	--	--	--	--
Polk	188.1	251.9	--	--	--	63.8	--	--	--	--
Pope	222.2	231.1	--	--	--	--	--	--	--	--

Mortality Table 5. Cause-Specific Crude Death Rates for 10 Leading Causes¹ by State/County/CHB, 2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Ramsey	161.7	122.7	51.6	48.2	40.3	47.2	21.1	12.5	8.7	13.8
Red Lake	--	--	--	--	--	--	--	--	--	--
Redwood	184.6	303.2	--	--	--	--	--	--	--	--
Renville	323.1	213.1	--	--	--	--	--	--	--	--
Rice	162.8	153.8	38.8	--	--	53.8	--	--	--	--
Rock	268.4	214.7	--	--	--	--	--	--	--	--
Roseau	158.3	277.0	--	--	--	--	--	--	--	--
St. Louis	204.5	187.4	61.8	75.9	52.7	73.3	40.7	20.6	10.5	16.6
Scott	124.8	71.8	33.6	30.9	18.8	28.2	--	--	--	--
Sherburne	151.2	97.7	44.2	32.9	23.7	24.7	--	--	--	--
Sibley	282.5	188.4	--	--	--	--	--	--	--	--
Stearns	175.7	108.0	45.3	37.9	29.2	32.9	18.0	--	--	12.4
Steele	158.3	218.3	57.3	--	--	54.6	--	--	--	--
Stevens	--	275.4	--	--	--	--	--	--	--	--
Swift	313.0	248.2	--	--	--	--	--	--	--	--
Todd	170.3	178.4	--	--	--	--	--	--	--	--
Traverse	--	736.4	--	--	--	--	--	--	--	--
Wabasha	235.8	240.4	--	--	--	--	--	--	--	--
Wadena	219.3	241.2	--	--	--	--	--	--	--	--
Waseca	188.1	198.8	--	--	--	--	--	--	--	--
Washington	165.0	102.1	39.2	51.4	32.8	33.9	15.2	14.1	--	13.0
Watonwan	--	312.0	--	--	--	--	--	--	--	--
Wilkin	--	322.2	--	--	--	--	--	--	--	--
Winona	182.2	174.3	41.6	41.6	--	39.6	--	--	--	--
Wright	133.0	140.9	34.7	24.6	39.7	18.1	28.2	--	--	15.9
Yellow Medicine	216.3	257.5	--	--	--	--	--	--	--	--

Mortality Table 5. Cause-Specific Crude Death Rates for 10 Leading Causes¹ by State/County/CHB, 2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
CHB - Aitkin, Itasca, Koochiching	288.1	271.7	60.1	43.7	69.6	62.8	62.8	--	--	--
CHB - Clearwater, Hubbard, Lake of the Woods	249.6	252.6	58.7	67.5	61.7	--	--	--	--	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	283.1	292.5	80.2	54.3	73.1	47.2	--	--	--	--
CHB - Brown, Nicollet	249.7	170.4	45.5	54.0	37.1	37.1	--	--	--	--
CHB - Carlton, Cook, Lake, St. Louis	204.3	195.6	59.4	74.1	51.4	69.3	38.6	19.1	12.0	14.7
CHB - Cottonwood, Jackson	209.1	299.4	--	--	--	--	--	--	--	--
CHB - Clay, Wilkin, Becker, Otter Tail	180.3	185.8	34.2	83.1	48.3	42.2	34.2	17.1	12.2	--
CHB - Douglas, Grant, Pope, Stevens, Traverse	226.5	268.9	49.7	74.5	70.1	71.6	38.0	--	--	--
CHB - Dodge, Steele	166.7	218.8	62.5	46.9	--	41.7	--	--	--	--
CHB - Fillmore, Houston	199.2	249.6	--	78.2	52.9	60.5	--	--	--	--
CHB - Faribault, Martin	258.0	345.0	--	--	--	--	--	--	--	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	195.9	268.2	--	--	57.5	51.1	--	--	--	--
CHB - Kandiyohi, Renville	233.8	171.4	48.5	53.7	60.6	58.9	--	--	--	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	253.7	233.1	43.9	67.2	68.6	57.6	39.8	--	--	--
CHB - LeSueur, Waseca	210.5	189.5	69.5	61.1	56.8	50.5	--	--	--	--
CHB - Meeker, McLeod, Sibley	216.3	204.1	36.5	50.0	41.9	47.3	43.3	--	--	--
CHB - Mahnommen, Norman, Polk	221.9	228.8	62.4	46.2	64.7	53.2	--	--	--	--
CHB - Morrison, Todd, Wadena	202.1	185.4	54.4	58.6	64.1	62.7	41.8	27.9	--	--

Mortality Table 5. Cause-Specific Crude Death Rates for 10 Leading Causes¹ by State/County/CHB, 2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
Metro CHBs										
CHB - Bloomington	232.0	164.1	58.6	64.5	39.8	51.6	24.6	--	--	--
CHB - Edina	175.9	181.7	--	85.0	50.2	61.8	--	--	--	--
CHB - Minneapolis	129.9	95.9	56.4	21.6	22.8	29.0	18.8	17.4	7.1	8.3
CHB - Richfield	169.1	147.0	69.3	--	--	66.6	--	--	--	--
CHB - St. Paul	147.4	106.1	55.5	32.2	35.8	44.0	24.6	12.5	7.2	10.2

¹ These are the 10 leading causes of death for MN residents in 2018. 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 17 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, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
State of Minnesota	49,586	40,681	13,669	11,463	11,805	11,312	6,513	3,815	3,197	3,399
Aitkin	277	229	73	21	70	57	47	20	24	--
Anoka	2,849	1,739	697	487	731	490	340	242	103	156
Becker	378	287	110	108	117	98	61	33	25	28
Beltrami	416	363	150	104	104	99	70	45	43	--
Benton	344	308	111	156	83	101	65	31	--	45
Big Stone	79	99	--	--	--	27	--	--	--	--
Blue Earth	515	486	130	166	113	127	74	52	40	44
Brown	329	248	57	64	63	83	46	20	23	23
Carlton	380	409	108	62	114	92	76	25	32	22
Carver	630	437	143	106	125	120	79	59	45	48
Cass	415	266	113	44	107	66	55	33	35	--
Chippewa	177	174	45	49	49	50	21	--	--	--
Chisago	502	447	123	148	119	98	61	38	33	30
Clay	507	456	131	174	113	96	64	41	68	29
Clearwater	111	98	29	--	38	25	40	--	--	--
Cook	72	44	--	--	20	--	--	--	--	--
Cottonwood	145	188	33	25	32	36	26	--	--	--
Crow Wing	816	599	208	150	214	173	111	68	54	49
Dakota	3,176	2,141	879	740	683	687	365	268	163	214
Dodge	182	209	57	46	43	34	--	--	--	--
Douglas	485	449	103	112	133	113	57	29	43	49
Faribault	197	248	36	--	60	52	38	--	--	--
Fillmore	249	285	60	60	69	84	20	--	--	--
Freeborn	392	391	97	90	102	104	48	23	24	35
Goodhue	549	570	158	124	130	118	51	37	--	43
Grant	71	85	--	--	26	--	--	--	--	--
Hennepin	9,619	7,113	3,197	2,117	2,078	2,185	1,220	716	642	716
Houston	194	228	57	45	45	51	35	--	--	--
Hubbard	282	192	58	74	55	43	38	--	--	--
Isanti	387	298	108	66	99	93	53	40	24	27

Mortality Table 6. Cause-Specific Death Counts (5 years) for 10 Leading Causes by State/County/CHB, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
Itasca	638	525	176	109	162	129	65	52	64	27
Jackson	133	139	23	--	--	33	--	--	--	--
Kanabec	166	154	56	--	57	26	31	22	--	--
Kandiyohi	428	364	108	100	91	110	56	28	25	25
Kittson	56	54	--	--	--	--	--	--	--	--
Koochiching	182	154	44	20	31	41	30	--	--	--
Lac Qui Parle	89	108	23	--	25	--	--	--	--	--
Lake	144	110	32	80	41	37	--	--	--	--
Lake of the Woods	41	61	--	--	--	--	--	--	--	--
Le Sueur	300	248	72	58	59	57	37	--	--	--
Lincoln	88	101	--	22	--	29	--	--	--	--
Lyon	257	217	45	58	70	49	33	21	21	--
McLeod	355	366	85	99	97	107	68	25	22	22
Mahnomen	76	61	34	--	22	--	25	--	--	--
Marshall	103	111	23	--	22	21	--	--	--	--
Martin	295	328	59	44	75	54	34	--	23	--
Meeker	269	249	46	36	60	56	58	--	--	--
Mille Lacs	323	276	104	42	115	63	46	32	29	--
Morrison	381	280	114	89	91	85	68	21	22	--
Mower	448	472	114	156	135	107	62	30	20	22
Murray	103	108	31	22	41	38	--	--	--	--
Nicollet	296	256	61	70	57	61	30	--	--	35
Nobles	217	202	49	25	43	51	36	--	--	--
Norman	88	99	30	45	28	--	21	--	--	--
Olmsted	1,154	1,250	332	377	269	267	79	92	50	92
Otter Tail	714	807	153	231	194	192	72	58	72	49
Pennington	143	187	30	--	38	35	24	--	--	--
Pine	372	279	91	41	113	70	54	29	--	20
Pipestone	123	124	23	52	27	50	--	--	--	--
Polk	374	372	79	103	103	99	58	25	32	24
Pope	121	147	22	39	31	37	25	--	--	--

Mortality Table 6. Cause-Specific Death Counts (5 years) for 10 Leading Causes by State/County/CHB, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Ramsey	4,500	3,512	1,428	1,293	1,059	1,263	617	361	282	355
Red Lake	46	40	--	--	--	--	--	--	--	--
Redwood	169	210	57	27	59	70	31	--	--	--
Renville	184	181	51	35	69	43	46	--	--	--
Rice	562	487	146	72	118	144	72	29	27	42
Rock	118	127	35	48	39	37	--	--	--	--
Roseau	128	179	25	24	38	44	--	--	--	--
St. Louis	2,304	1,921	620	655	655	559	340	217	173	136
Scott	877	582	254	159	165	185	91	65	40	67
Sherburne	642	437	201	150	164	115	101	63	35	38
Sibley	182	151	43	27	35	25	33	--	--	--
Stearns	1,323	965	337	222	241	268	136	90	111	104
Steele	329	357	88	93	86	80	49	21	21	32
Stevens	81	116	22	--	--	33	--	--	--	--
Swift	121	127	40	--	46	25	26	--	--	--
Todd	256	234	68	--	72	52	38	20	20	--
Traverse	52	82	--	--	--	--	--	--	--	--
Wabasha	259	249	58	37	51	45	26	--	--	--
Wadena	199	209	56	61	68	66	49	--	25	--
Waseca	185	186	46	44	51	54	33	--	--	21
Washington	2,055	1,392	466	713	423	411	211	160	81	141
Watonwan	120	141	30	20	31	52	--	--	--	--
Wilkin	87	113	--	22	--	25	--	--	--	--
Winona	498	512	123	93	94	109	38	28	30	29
Wright	984	760	213	190	232	158	140	87	48	75
Yellow Medicine	123	116	22	31	41	29	--	--	--	--

Mortality Table 6. Cause-Specific Death Counts (5 years) for 10 Leading Causes by State/County/CHB, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
CHB - Aitkin, Itasca, Koochiching	1,097	908	293	150	263	227	142	83	101	44
CHB - Clearwater, Hubbard, Lake of the Woods	434	351	94	91	106	80	85	31	30	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	589	624	149	112	178	146	88	30	52	32
CHB - Brown, Nicollet	625	504	118	134	120	144	76	39	39	58
CHB - Carlton, Cook, Lake, St. Louis	2,900	2,484	770	801	830	702	441	257	224	173
CHB - Cottonwood, Jackson	278	327	56	43	49	69	44	--	--	26
CHB - Clay, Wilkin, Becker, Otter Tail	1,686	1,663	409	535	442	411	209	136	174	121
CHB - Douglas, Grant, Pope, Stevens, Traverse	810	879	169	181	224	214	106	46	70	71
CHB - Dodge, Steele	511	566	145	139	129	114	64	39	35	42
CHB - Fillmore, Houston	443	513	117	105	114	135	55	29	28	27
CHB - Faribault, Martin	492	576	95	62	135	106	72	24	35	35
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	476	571	99	52	120	119	76	48	39	30
CHB - Kandiyohi, Renville	612	545	159	135	160	153	102	35	35	36
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	858	887	207	229	251	273	116	48	69	58
CHB - LeSueur, Waseca	485	434	118	102	110	111	70	29	28	37
CHB - Meecker, McLeod, Sibley	806	766	174	162	192	188	159	50	42	42
CHB - Mahnomen, Norman, Polk	538	532	143	158	153	122	104	42	48	36
CHB - Morrison, Todd, Wadena	836	723	238	167	231	203	155	58	67	40

Mortality Table 6. Cause-Specific Death Counts (5 years) for 10 Leading Causes by State/County/CHB, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
Metro CHBs										
CHB - Bloomington	940	727	278	229	224	252	110	63	49	106
CHB - Edina	487	426	139	205	99	151	45	24	49	60
CHB - Minneapolis	2,604	1,935	1,124	425	576	578	414	261	182	146
CHB - Richfield	323	251	110	56	87	78	51	17	27	21
CHB - St. Paul	2,223	1,644	840	532	522	616	375	204	137	129

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, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
State of Minnesota	147.7	118.2	43.8	32.6	35.2	33.0	19.3	13.5	9.2	10.3
Aitkin	163.4	145.2	74.4	12.2	41.6	34.2	26.3	31.9	17.3	--
Anoka	154.2	103.2	40.6	31.6	42.4	29.8	18.4	13.6	6.2	9.8
Becker	149.3	115.5	57.9	42.6	45.8	38.5	25.0	20.3	9.7	11.3
Beltrami	151.1	135.4	63.6	36.4	37.0	35.9	28.4	21.0	15.6	--
Benton	147.9	126.6	47.7	56.2	37.7	41.7	27.4	15.9	--	18.7
Big Stone	156.3	161.2	--	--	--	41.8	--	--	--	--
Blue Earth	143.2	125.4	36.2	40.4	30.8	34.0	20.4	15.1	9.9	12.2
Brown	158.3	103.4	32.4	23.1	28.7	35.4	22.1	16.9	10.8	10.6
Carlton	158.5	164.8	53.2	24.7	47.2	37.4	32.9	14.1	13.0	9.9
Carver	129.4	95.1	30.0	23.2	28.5	25.8	16.2	11.3	9.7	11.2
Cass	164.3	114.7	72.9	18.5	40.5	28.4	22.2	22.9	16.3	--
Chippewa	178.7	155.0	46.9	39.8	44.7	42.6	22.8	--	--	--
Chisago	152.8	145.2	41.0	49.7	37.8	31.1	19.5	13.5	10.3	10.1
Clay	153.5	125.2	39.2	45.1	33.2	27.2	19.4	12.4	19.3	7.8
Clearwater	168.4	146.6	67.6	--	55.0	36.0	59.1	--	--	--
Cook	151.0	90.9	--	--	42.0	--	--	--	--	--
Cottonwood	142.9	170.5	42.3	19.1	30.7	29.7	22.2	--	--	--
Crow Wing	160.3	116.4	51.4	28.2	40.7	32.9	22.2	22.6	11.0	9.3
Dakota	140.0	97.8	41.4	34.9	31.9	32.1	16.0	12.7	7.4	10.4
Dodge	154.1	175.2	48.8	37.3	38.5	28.6	--	--	--	--
Douglas	158.5	133.0	41.7	30.8	39.6	31.0	18.1	14.9	12.6	15.1
Faribault	167.9	177.9	43.4	--	43.5	38.2	29.9	--	--	--
Fillmore	151.3	148.0	43.0	27.4	39.6	41.9	9.8	--	--	--
Freeborn	155.4	137.9	42.0	29.4	37.6	36.6	18.5	16.4	8.6	12.6
Goodhue	156.4	153.3	52.8	31.7	36.4	31.7	15.5	16.2	--	11.3
Grant	141.8	155.8	--	--	50.2	--	--	--	--	--
Hennepin	142.0	101.9	47.4	30.2	31.0	31.8	17.8	10.9	9.2	11.0
Houston	130.0	139.4	43.8	24.7	28.1	29.5	22.3	--	--	--
Hubbard	159.4	110.7	45.8	44.4	30.2	24.4	21.6	--	--	--
Isanti	159.1	126.8	50.7	28.2	41.0	39.6	22.5	21.3	10.1	11.7

Mortality Table 7. Age-Adjusted¹ Cause-Specific Death Rates for 10 Leading Causes by State/County/CHB, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Itasca	173.8	136.5	59.5	27.2	41.7	33.9	17.5	24.4	16.3	6.7
Jackson	158.7	141.0	37.0	--	--	29.9	--	--	--	--
Kanabec	141.1	135.0	60.9	--	47.2	23.1	27.3	26.9	--	--
Kandiyohi	144.1	110.9	39.5	29.1	30.1	32.4	17.8	12.5	7.4	7.3
Kittson	139.8	116.8	--	--	--	--	--	--	--	--
Koochiching	161.4	131.0	51.1	16.9	26.3	36.8	30.7	--	--	--
Lac Qui Parle	137.3	147.4	43.7	--	31.2	--	--	--	--	--
Lake	141.7	109.4	49.9	68.3	38.8	34.1	--	--	--	--
Lake of the Woods	121.4	184.3	--	--	--	--	--	--	--	--
Le Sueur	162.6	140.9	44.4	32.7	31.7	31.8	19.6	--	--	--
Lincoln	162.6	144.6	--	26.8	--	42.6	--	--	--	--
Lyon	160.9	117.1	28.9	28.7	42.6	27.0	20.4	15.5	10.8	--
McLeod	166.8	155.1	43.5	39.8	43.2	45.9	30.9	17.6	9.5	9.6
Mahnomen	171.4	151.2	113.0	--	53.3	--	65.4	--	--	--
Marshall	110.4	114.1	34.8	--	21.2	18.9	--	--	--	--
Martin	156.8	146.4	36.1	18.4	37.4	23.8	17.4	--	10.1	--
Meeker	157.8	139.3	34.8	19.4	34.1	31.9	34.4	--	--	--
Mille Lacs	181.3	144.0	71.7	21.9	63.2	34.9	26.0	23.8	14.8	--
Morrison	157.4	109.4	55.9	32.2	36.9	33.0	27.9	12.8	8.6	--
Mower	156.1	145.1	42.5	41.4	44.8	31.3	23.2	15.7	6.0	6.5
Murray	137.7	125.9	54.6	22.4	47.5	47.7	--	--	--	--
Nicollet	145.3	121.9	30.0	32.2	27.2	28.5	13.4	--	--	17.1
Nobles	159.0	125.3	37.7	14.2	28.9	30.6	25.2	--	--	--
Norman	155.6	161.8	75.1	64.0	45.9	--	34.4	--	--	--
Olmsted	125.1	129.7	37.9	37.6	28.6	27.8	8.6	11.6	5.0	9.6
Otter Tail	141.4	152.4	39.0	38.7	36.4	35.4	13.5	23.4	12.4	8.8
Pennington	146.7	176.4	34.8	--	36.3	32.0	23.6	--	--	--
Pine	168.8	132.0	54.8	19.6	51.1	31.7	24.1	19.1	--	9.5
Pipestone	159.7	127.9	30.4	47.2	31.3	51.4	--	--	--	--
Polk	170.3	153.5	45.5	41.9	44.1	39.1	25.3	17.2	12.6	10.3
Pope	129.6	130.8	26.3	32.8	29.9	33.6	24.9	--	--	--

Mortality Table 7. Age-Adjusted¹ Cause-Specific Death Rates for 10 Leading Causes by State/County/CHB, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Ramsey	149.3	112.5	48.8	40.3	35.1	41.2	20.6	13.0	9.0	12.0
Red Lake	160.6	123.8	--	--	--	--	--	--	--	--
Redwood	135.3	148.3	64.7	16.0	41.7	49.5	27.3	--	--	--
Renville	153.9	130.7	54.2	23.7	52.3	32.8	34.9	--	--	--
Rice	145.0	123.4	41.0	18.3	30.1	37.1	18.5	9.5	6.8	11.1
Rock	154.8	144.6	67.2	51.4	44.5	42.2	--	--	--	--
Roseau	121.6	170.4	26.5	21.6	37.3	40.2	--	--	--	--
St. Louis	182.3	148.1	56.9	49.0	51.8	43.1	27.5	23.2	13.0	10.8
Scott	149.0	107.2	43.8	31.3	32.5	35.1	17.2	9.8	7.5	13.2
Sherburne	173.6	126.5	55.1	47.2	48.5	34.7	28.8	15.5	10.8	12.3
Sibley	51.7	39.1	14.3	6.7	9.2	6.8	8.7	--	--	--
Stearns	148.8	104.4	40.5	23.8	26.1	28.5	14.5	11.2	11.8	11.5
Steele	134.4	131.3	38.8	32.9	33.0	28.9	18.7	11.2	7.4	12.5
Stevens	130.5	140.4	37.0	--	--	43.0	--	--	--	--
Swift	158.7	144.7	69.2	--	57.2	24.4	31.9	--	--	--
Todd	134.9	122.8	44.1	--	37.2	28.3	21.1	20.7	9.8	--
Traverse	146.6	194.3	--	--	--	--	--	--	--	--
Wabasha	151.9	144.3	40.1	20.1	29.6	25.9	14.5	--	--	--
Wadena	180.8	173.3	67.4	42.3	55.7	53.3	42.9	--	20.6	--
Waseca	144.3	130.1	38.1	31.6	39.5	37.9	24.4	--	--	15.4
Washington	144.3	100.3	35.7	53.0	31.0	29.7	14.5	12.1	5.9	10.8
Watonwan	147.2	141.9	44.5	18.8	34.3	48.9	--	--	--	--
Wilkin	179.0	212.5	--	38.6	--	45.4	--	--	--	--
Winona	157.9	153.9	42.2	26.8	28.9	32.5	11.9	11.9	9.0	9.0
Wright	149.6	122.8	33.6	32.3	38.0	26.1	22.2	13.0	8.0	12.7
Yellow Medicine	193.4	164.7	42.8	37.7	60.2	40.5	--	--	--	--

Mortality Table 7. Age-Adjusted¹ Cause-Specific Death Rates for 10 Leading Causes by State/County/CHB, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
CHB - Aitkin, Itasca, Koochiching	169.1	136.5	60.7	21.6	38.7	34.4	22.3	24.1	15.6	6.4
CHB - Clearwater, Hubbard, Lake of the Woods	156.4	127.6	51.2	33.5	37.4	28.2	30.9	20.5	12.4	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	166.3	153.4	50.7	24.1	45.4	33.5	24.2	15.7	11.6	7.2
CHB - Brown, Nicollet	151.3	112.8	30.5	27.3	28.0	32.2	17.8	13.8	8.7	13.6
CHB - Carlton, Cook, Lake, St. Louis	175.1	145.8	55.0	45.7	49.8	41.4	27.5	21.4	12.9	10.5
CHB - Cottonwood, Jackson	150.1	156.7	39.7	18.1	25.1	29.6	21.3	--	--	11.6
CHB - Clay, Wilkin, Becker, Otter Tail	148.4	138.2	42.9	41.5	37.5	34.0	18.4	17.4	14.2	9.9
CHB - Douglas, Grant, Pope, Stevens, Traverse	147.2	139.3	37.7	25.7	36.7	32.5	18.6	13.9	11.0	11.8
CHB - Dodge, Steele	140.6	144.5	41.6	34.0	34.7	28.7	16.9	13.5	9.0	11.4
CHB - Fillmore, Houston	140.9	143.9	43.7	26.1	34.2	36.2	15.8	14.5	7.9	8.4
CHB - Faribault, Martin	161.0	158.7	38.5	15.8	39.9	29.5	22.3	14.4	9.2	10.2
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	129.5	146.3	32.9	11.8	30.9	28.6	21.2	21.0	9.3	7.3
CHB - Kandiyohi, Renville	147.1	116.3	43.5	27.5	36.5	32.3	22.7	11.5	7.3	7.5
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	151.1	132.5	44.8	30.3	39.8	41.7	20.0	13.2	10.3	8.9
CHB - LeSueur, Waseca	154.4	136.8	42.1	31.5	34.6	34.3	21.7	12.9	8.8	11.9
CHB - Meecker, McLeod, Sibley	108.7	95.5	27.0	19.3	24.7	24.0	20.8	9.6	5.2	5.2
CHB - Mahnomen, Norman, Polk	168.3	155.1	58.4	43.1	45.8	33.3	32.4	20.5	13.5	10.7
CHB - Morrison, Todd, Wadena	154.4	127.4	54.3	26.9	41.0	35.7	28.6	18.5	11.5	7.0

Mortality Table 7. Age-Adjusted¹ Cause-Specific Death Rates for 10 Leading Causes by State/County/CHB, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Metro CHBs										
CHB - Bloomington	144.5	103.4	46.8	28.7	32.5	35.4	16.8	13.6	6.8	15.3
CHB - Edina	111.6	81.4	30.7	27.1	20.5	27.8	10.3	9.9	10.1	12.9
CHB - Minneapolis	161.7	122.4	61.1	17.6	37.5	38.1	25.2	12.3	11.8	10.9
CHB - Richfield	144.9	97.7	46.7	125.1	36.9	30.2	22.1	--	10.2	7.5
CHB - St. Paul	176.9	130.2	61.5	75.5	43.0	50.9	30.1	13.5	10.7	11.4

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, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
State of Minnesota	26,039	12,076	7,816	749	4,046	2,676	3,149	3,582	897	494
Aitkin	141	58	45	3	24	17	16	19	5	0
Anoka	1,673	614	482	36	292	132	200	231	34	31
Becker	194	99	67	9	42	27	26	32	8	4
Beltrami	214	144	110	7	41	30	38	44	14	2
Benton	180	75	65	6	26	22	20	30	6	8
Big Stone	30	18	12	2	5	2	2	2	1	1
Blue Earth	248	129	64	12	49	38	37	49	12	6
Brown	132	46	29	3	12	9	14	18	4	4
Carlton	192	105	79	1	41	23	37	24	8	5
Carver	358	106	80	12	38	29	33	56	9	8
Cass	235	111	83	6	48	28	39	27	14	1
Chippewa	85	33	15	5	12	10	11	10	1	2
Chisago	288	136	80	9	44	29	24	36	12	6
Clay	284	145	79	9	35	20	33	39	18	2
Clearwater	67	41	21	1	11	6	11	7	6	0
Cook	44	12	5	1	9	2	4	3	0	1
Cottonwood	51	43	17	1	14	7	11	10	1	1
Crow Wing	414	157	117	11	81	33	46	62	19	6
Dakota	1,764	696	424	53	215	157	197	259	50	33
Dodge	101	60	28	4	11	8	6	16	4	2
Douglas	234	99	60	8	39	15	27	25	11	6
Faribault	111	65	23	2	19	13	17	13	2	2
Fillmore	119	65	31	4	22	13	4	15	3	1
Freeborn	196	99	38	11	24	21	20	21	4	5
Goodhue	273	152	89	9	35	26	24	33	3	4
Grant	37	28	5	0	7	4	3	4	0	0
Hennepin	5,089	2,321	1,723	143	699	602	650	680	200	105
Houston	83	54	35	1	16	9	15	11	3	1
Hubbard	156	65	29	3	22	13	17	16	4	2
Isanti	223	85	66	5	45	24	25	38	6	3

Mortality Table 8. Premature Deaths (Under age 75) for 10 Leading Causes by State/County/CHB, Minnesota, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
Itasca	336	193	85	12	68	26	33	45	20	6
Jackson	51	28	13	1	4	3	4	6	1	2
Kanabec	91	53	33	2	30	6	8	21	5	3
Kandiyohi	207	91	64	8	27	23	23	24	8	6
Kittson	25	12	9	0	3	4	4	5	2	1
Koochiching	95	46	26	2	11	9	16	10	4	2
Lac Qui Parle	47	28	15	1	4	2	2	3	2	1
Lake	66	39	17	6	17	5	10	8	4	3
Lake of the Woods	20	16	4	0	4	3	1	5	2	0
Le Sueur	147	77	34	3	23	17	17	12	4	1
Lincoln	40	17	11	0	5	3	4	2	0	0
Lyon	122	51	23	2	22	10	17	19	6	0
McLeod	183	73	40	2	28	20	28	25	4	2
Mahnomen	42	28	27	2	14	1	10	7	4	2
Marshall	51	36	18	0	8	4	6	4	2	0
Martin	143	73	31	1	29	7	14	10	1	4
Meeker	127	69	29	5	18	12	23	17	2	1
Mille Lacs	166	75	73	2	43	15	28	28	8	4
Morrison	216	82	66	6	34	16	20	20	7	2
Mower	218	109	53	7	40	15	33	30	2	5
Murray	50	21	14	1	12	6	1	5	0	1
Nicollet	141	74	32	4	15	13	16	18	1	5
Nobles	110	48	30	1	16	7	15	11	4	2
Norman	38	30	20	2	8	3	7	9	2	0
Olmsted	580	326	183	28	95	56	44	88	11	12
Otter Tail	340	259	96	8	57	30	22	56	13	8
Pennington	70	64	14	1	13	6	8	12	3	2
Pine	196	89	60	2	48	25	34	27	9	2
Pipestone	58	23	10	2	4	5	5	6	0	1
Polk	183	115	54	8	38	17	29	25	6	4
Pope	60	29	13	3	5	11	5	7	2	1

Mortality Table 8. Premature Deaths (Under age 75) for 10 Leading Causes by State/County/CHB, Minnesota, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
Ramsey	2,370	1,109	845	80	386	342	340	337	101	50
Red Lake	29	22	4	0	3	2	4	4	0	0
Redwood	76	54	37	1	8	11	14	9	6	3
Renville	78	50	28	1	19	10	17	7	5	1
Rice	287	126	75	4	42	28	34	26	4	8
Rock	53	27	23	3	8	5	3	3	3	3
Roseau	56	50	15	1	9	5	7	19	1	1
St. Louis	1,234	590	377	49	254	118	178	201	50	19
Scott	500	183	138	17	40	45	31	61	15	15
Sherburne	403	158	130	10	68	30	50	63	9	7
Sibley	84	36	26	1	10	6	10	7	2	0
Stearns	654	267	214	13	83	62	67	86	28	18
Steele	165	99	42	9	25	20	21	21	5	1
Stevens	43	26	12	0	1	3	0	2	2	0
Swift	59	35	27	1	17	5	11	3	0	0
Todd	129	74	41	1	20	9	13	19	6	1
Traverse	17	11	7	1	2	4	3	4	0	0
Wabasha	124	67	26	3	26	7	14	10	1	1
Wadena	96	63	30	1	19	13	20	16	7	3
Waseca	85	48	22	0	19	11	12	14	1	1
Washington	1,087	408	257	40	125	109	109	148	31	16
Watonwan	62	30	17	1	9	8	7	9	2	0
Wilkin	34	24	10	1	6	6	3	4	0	0
Winona	264	146	79	3	31	25	22	25	6	2
Wright	557	215	125	8	80	36	57	82	10	9
Yellow Medicine	58	23	11	1	15	7	8	7	1	0

Mortality Table 8. Premature Deaths (Under age 75) for 10 Leading Causes by State/County/CHB, Minnesota, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
CHB - Aitkin, Itasca, Koochiching	572	297	156	17	103	52	65	74	29	8
CHB - Clearwater, Hubbard, Lake of the Woods	243	122	54	4	37	22	29	28	12	2
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	279	137	80	10	53	26	34	25	5	4
CHB - Brown, Nicollet	273	120	61	7	27	22	30	36	5	9
CHB - Carlton, Cook, Lake, St. Louis	1,536	746	478	57	321	148	229	236	62	28
CHB - Cottonwood, Jackson	102	71	30	2	18	10	15	16	2	3
CHB - Clay, Wilkin, Becker, Otter Tail	852	527	252	27	140	83	84	131	39	14
CHB - Douglas, Grant, Pope, Stevens, Traverse	391	193	97	12	54	37	38	42	15	7
CHB - Dodge, Steele	266	159	70	13	36	28	27	37	9	3
CHB - Fillmore, Houston	202	119	66	5	38	22	19	26	6	2
CHB - Faribault, Martin	254	138	54	3	48	20	31	23	3	6
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	231	184	60	2	36	21	29	44	8	4
CHB - Kandiyohi, Renville	285	141	92	9	46	33	40	31	13	7
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	399	193	118	9	59	40	44	44	15	8
CHB - LeSueur, Waseca	232	125	56	3	42	28	29	26	5	2
CHB - Meeker, McLeod, Sibley	394	178	95	8	56	38	61	49	8	3
CHB - Mahnomen, Norman, Polk	263	173	101	12	60	21	46	41	12	6
CHB - Morrison, Todd, Wadena	441	219	137	8	73	38	53	55	20	6

Mortality Table 8. Premature Deaths (Under age 75) for 10 Leading Causes by State/County/CHB, Minnesota, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Metro CHBs										
CHB - Bloomington	403	167	105	14	56	54	49	55	13	16
CHB - Edina	153	57	36	10	16	11	22	23	10	6
CHB - Minneapolis	1,653	908	841	30	286	228	274	253	75	25
CHB - Richfield	159	65	56	5	31	18	22	15	3	1
CHB - St. Paul	1,310	644	577	41	243	213	225	195	55	22

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, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
State of Minnesota	72.8	34.8	26.6	2.0	11.0	7.6	8.9	12.7	2.6	1.3
Aitkin	86.2	43.4	57.9	--	14.7	--	--	--	--	--
Anoka	74.7	28.1	26.2	1.6	12.8	5.9	9.0	12.9	1.6	1.4
Becker	72.9	40.0	40.3	--	14.7	9.7	10.5	19.8	--	--
Beltrami	75.2	57.3	49.1	--	13.2	10.9	15.9	20.6	--	--
Benton	75.9	33.7	30.3	--	11.2	9.9	8.8	15.3	--	--
Big Stone	77.4	--	--	--	--	--	--	--	--	--
Blue Earth	70.3	37.5	19.6	--	13.1	10.9	10.4	14.3	--	--
Brown	74.5	26.1	21.2	--	--	--	--	--	--	--
Carlton	76.2	43.2	41.5	--	15.9	8.6	15.5	13.6	--	--
Carver	61.1	18.6	15.5	--	6.6	4.9	5.8	10.4	--	--
Cass	88.7	47.2	60.1	--	15.6	11.8	15.4	20.3	--	--
Chippewa	98.6	43.6	--	--	--	--	--	--	--	--
Chisago	76.1	37.5	25.7	--	11.3	7.3	6.2	12.8	--	--
Clay	86.6	43.3	25.5	--	10.4	6.1	10.2	11.8	--	--
Clearwater	104.6	66.4	56.1	--	--	--	--	--	--	--
Cook	87.9	--	--	--	--	--	--	--	--	--
Cottonwood	61.7	60.1	--	--	--	--	--	--	--	--
Crow Wing	81.1	32.2	34.1	--	14.7	6.3	9.5	21.4	--	--
Dakota	66.8	27.1	19.1	2.0	8.0	6.1	7.5	12.2	1.9	1.3
Dodge	80.3	47.5	24.0	--	--	--	--	--	--	--
Douglas	83.0	36.3	29.0	--	11.8	--	9.0	13.6	--	--
Faribault	103.7	61.9	35.3	--	--	--	--	--	--	--
Fillmore	79.3	44.3	28.1	--	13.4	--	--	--	--	--
Freeborn	84.5	43.9	22.5	--	10.3	9.4	8.6	15.8	--	--
Goodhue	79.4	44.8	34.6	--	9.9	7.9	8.2	15.1	--	--
Grant	83.6	68.5	--	--	--	--	--	--	--	--
Hennepin	68.1	32.0	25.8	1.9	9.2	8.2	8.8	10.3	2.8	1.4
Houston	56.2	36.9	30.4	--	--	--	--	--	--	--
Hubbard	86.1	35.1	28.8	--	11.0	--	--	--	--	--
Isanti	84.9	33.5	32.4	--	16.7	8.9	10.1	20.3	--	--

Mortality Table 9. Age-Adjusted¹ Cause-Specific Premature (<75 yrs) Death Rates for 10 Leading Causes by State/County/CHB, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Itasca	89.7	49.9	36.6	--	16.4	7.2	9.1	22.4	5.2	--
Jackson	74.1	38.5	--	--	--	--	--	--	--	--
Kanabec	71.6	41.9	39.6	--	22.2	--	--	26.0	--	--
Kandiyohi	72.2	31.8	26.9	--	9.3	7.7	8.0	11.1	--	--
Kittson	72.1	--	--	--	--	--	--	--	--	--
Koochiching	83.8	40.1	35.9	--	--	--	--	--	--	--
Lac Qui Parle	87.4	59.1	--	--	--	--	--	--	--	--
Lake	71.1	48.6	--	--	--	--	--	--	--	--
Lake of the Woods	55.3	--	--	--	--	--	--	--	--	--
Le Sueur	73.0	42.2	22.2	--	10.8	--	--	--	--	--
Lincoln	94.3	--	--	--	--	--	--	--	--	--
Lyon	82.3	33.1	17.9	--	13.9	--	--	--	--	--
McLeod	89.5	35.4	25.0	--	12.9	10.4	13.1	17.6	--	--
Mahnomen	94.1	78.3	99.5	--	--	--	--	--	--	--
Marshall	59.8	47.7	--	--	--	--	--	--	--	--
Martin	83.4	43.8	24.0	--	16.8	--	--	--	--	--
Meeker	74.4	41.5	26.1	--	--	--	14.6	--	--	--
Mille Lacs	92.9	41.2	55.9	--	23.2	--	16.3	21.7	--	--
Morrison	90.4	35.5	38.4	--	13.8	--	8.6	12.4	--	--
Mower	84.2	43.9	26.2	--	14.5	--	13.9	15.7	--	--
Murray	76.3	37.2	--	--	--	--	--	--	--	--
Nicollet	66.2	36.6	16.9	--	--	--	--	--	--	--
Nobles	84.8	38.0	27.4	--	--	--	--	--	--	--
Norman	76.4	58.3	59.7	--	--	--	--	--	--	--
Olmsted	61.7	35.1	22.6	2.8	9.8	5.9	4.8	11.2	--	--
Otter Tail	69.7	57.9	28.8	--	10.8	7.3	4.6	22.9	--	--
Pennington	73.6	69.8	--	--	--	--	--	--	--	--
Pine	83.2	40.0	39.9	--	19.4	9.9	14.3	18.2	--	--
Pipestone	90.9	38.9	--	--	--	--	--	--	--	--
Polk	86.6	55.0	35.7	--	16.5	--	13.2	17.2	--	--
Pope	71.6	31.8	--	--	--	--	--	--	--	--

Mortality Table 9. Age-Adjusted¹ Cause-Specific Premature (<75 yrs) Death Rates for 10 Leading Causes by State/County/CHB, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Ramsey	73.6	35.7	30.0	2.4	11.6	10.8	10.7	12.0	3.2	1.5
Red Lake	108.0	68.7	--	--	--	--	--	--	--	--
Redwood	69.4	51.1	50.8	--	--	--	--	--	--	--
Renville	73.6	49.5	39.3	--	--	--	--	--	--	--
Rice	69.9	31.3	22.9	--	9.9	7.0	8.4	8.6	--	--
Rock	76.7	41.5	53.5	--	--	--	--	--	--	--
Roseau	50.9	50.6	--	--	--	--	--	--	--	--
St. Louis	91.4	45.2	38.0	3.4	18.4	9.3	14.2	21.8	3.9	--
Scott	67.9	25.3	20.1	--	5.9	6.1	4.4	8.9	--	--
Sherburne	90.4	36.0	31.8	--	15.5	6.6	11.2	15.5	--	--
Sibley	24.2	10.4	9.6	--	--	--	--	--	--	--
Stearns	71.1	29.7	27.3	--	8.5	6.5	6.9	10.8	3.0	--
Steele	68.5	42.3	22.3	--	10.0	8.2	8.6	11.2	--	--
Stevens	78.4	50.6	--	--	--	--	--	--	--	--
Swift	90.2	52.4	57.5	--	--	--	--	--	--	--
Todd	66.4	40.6	30.3	--	9.3	--	--	--	--	--
Traverse	--	--	--	--	--	--	--	--	--	--
Wabasha	70.5	40.9	21.5	--	13.6	--	--	--	--	--
Wadena	98.9	67.5	47.9	--	--	--	20.3	--	--	--
Waseca	67.0	35.8	22.6	--	--	--	--	--	--	--
Washington	65.6	24.7	19.4	2.4	7.4	6.6	6.4	11.1	2.1	--
Watonwan	89.5	46.2	--	--	--	--	--	--	--	--
Wilkin	76.2	55.6	--	--	--	--	--	--	--	--
Winona	83.6	45.6	29.0	--	8.9	7.8	6.7	10.9	--	--
Wright	72.2	28.5	18.4	--	10.6	4.7	7.4	12.2	--	--
Yellow Medicine	104.4	46.8	--	--	--	--	--	--	--	--

Mortality Table 9. Age-Adjusted¹ Cause-Specific Premature (<75 yrs) Death Rates for 10 Leading Causes by State/County/CHB, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
CHB - Aitkin, Itasca, Koochiching	87.9	46.0	40.7	--	14.5	8.3	10.7	22.8	5.2	--
CHB - Clearwater, Hubbard, Lake of the Woods	86.0	43.2	36.5	--	12.0	6.9	10.2	19.4	--	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	93.3	48.4	36.4	--	16.1	8.8	11.6	14.2	--	--
CHB - Brown, Nicollet	69.6	31.8	18.5	--	6.4	6.2	7.3	12.9	--	--
CHB - Carlton, Cook, Lake, St. Louis	87.8	44.1	37.8	3.0	17.9	8.8	14.1	20.0	3.7	1.5
CHB - Cottonwood, Jackson	67.3	49.9	28.5	--	--	--	--	--	--	--
CHB - Clay, Wilkin, Becker, Otter Tail	75.9	48.4	30.2	2.2	11.7	7.5	7.8	16.9	3.6	--
CHB - Douglas, Grant, Pope, Stevens, Traverse	79.1	41.0	26.6	--	9.7	6.6	7.9	13.2	--	--
CHB - Dodge, Steele	72.5	43.9	22.8	--	9.5	7.7	7.3	12.8	--	--
CHB - Fillmore, Houston	68.1	40.7	29.5	--	12.0	7.6	--	13.6	--	--
CHB - Faribault, Martin	91.2	50.7	28.0	--	16.4	7.1	11.2	14.0	--	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	65.9	54.7	23.7	--	9.5	5.7	9.7	20.0	--	--
CHB - Kandiyohi, Renville	72.6	36.4	30.2	--	11.4	8.3	9.7	10.6	--	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	80.1	39.6	32.6	--	11.0	9.1	9.2	12.6	--	--
CHB - LeSueur, Waseca	70.6	39.7	22.4	--	12.4	8.7	8.6	11.8	--	--
CHB - Meeker, McLeod, Sibley	53.8	24.4	17.4	--	7.0	5.6	8.1	9.4	--	--
CHB - Mahnomen, Norman, Polk	86.1	58.7	47.1	--	18.9	6.4	16.0	20.2	--	--
CHB - Morrison, Todd, Wadena	83.4	43.3	37.5	--	13.0	8.0	10.5	18.0	3.8	--

Mortality Table 9. Age-Adjusted¹ Cause-Specific Premature (<75 yrs) Death Rates for 10 Leading Causes by State/County/CHB, 2015-2019.

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
Metro CHBs										
CHB - Bloomington	68.8	29.3	23.9	--	9.3	9.2	8.4	12.5	--	--
CHB - Edina	40.8	15.0	12.1	--	--	--	5.8	9.6	--	--
CHB - Minneapolis	84.5	46.3	40.0	1.0	14.7	11.7	14.1	11.6	3.8	1.4
CHB - Richfield	75.2	32.9	28.7	--	14.5	--	10.3	--	--	--
CHB - St. Paul	89.3	44.2	38.8	4.3	16.6	14.9	15.6	12.5	3.7	1.6

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 2019 are the source documents for data on vital statistics of Minnesota residents. Late 2019 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 2019 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, 2019.” Source: U.S. Census Bureau, Population Division. For additional information, see <https://www2.census.gov/programs-surveys/popest/datasets/>.

Population estimates by race/ethnicity are from the bridged-race Vintage 2019 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.