

# 2018 Minnesota County Health Tables

2018 DATA BY STATE, COUNTY, AND COMMUNITY HEALTH BOARD

12/31/2019

## **2018 MN County Health Tables**

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Table 10. Out of Home Placements, Minnesota Residents, 2018

**Table 1. County Population Estimates<sup>1</sup> by Age and Sex, 2018.**

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
<b>State of Minnesota</b>	F	33,485	139,975	176,028	182,113	175,152	549,376	516,336	558,035	347,527	138,351	2,816,378
<b>State of Minnesota</b>	M	35,081	146,750	184,406	188,539	182,657	571,614	530,851	550,979	315,807	88,117	2,794,801
Aitkin	F	57	235	326	426	340	924	1,021	1,914	1,998	627	7,868
Aitkin	M	61	241	411	432	364	892	1,065	1,942	2,076	550	8,034
Anoka	F	2,042	8,860	11,202	11,986	10,803	32,536	34,855	37,458	20,714	6,381	176,837
Anoka	M	2,134	9,165	11,831	12,390	11,475	34,125	35,940	37,299	18,455	4,162	176,976
Becker	F	204	839	1,209	1,210	1,036	2,727	2,745	3,573	2,712	976	17,231
Becker	M	211	879	1,121	1,271	1,129	2,621	2,888	3,656	2,680	684	17,140
Beltrami	F	324	1,249	1,734	1,524	1,731	4,995	3,657	4,194	2,896	1,137	23,441
Beltrami	M	333	1,412	1,773	1,674	1,843	5,304	3,619	3,933	2,702	813	23,406
Benton	F	267	1,111	1,409	1,440	1,219	4,236	3,864	3,600	2,087	1,079	20,312
Benton	M	280	1,280	1,425	1,445	1,211	4,200	4,097	3,752	1,922	621	20,233
Big Stone	F	30	91	144	153	126	342	340	551	457	280	2,514
Big Stone	M	30	126	158	143	127	376	350	578	409	178	2,475
Blue Earth	F	348	1,396	1,754	1,790	2,986	9,650	5,084	5,329	3,475	1,680	33,492
Blue Earth	M	363	1,582	1,970	1,899	2,780	10,440	5,420	5,268	3,273	940	33,935
Brown	F	132	526	712	771	808	2,143	1,962	2,688	1,801	1,059	12,602
Brown	M	139	610	815	849	868	2,234	2,028	2,583	1,732	651	12,509
Carlton	F	172	754	1,119	1,195	1,007	2,742	3,150	3,701	2,294	1,013	17,147
Carlton	M	180	764	1,162	1,261	1,171	3,566	3,775	3,982	2,232	597	18,690
Carver	F	568	2,751	3,744	4,044	3,721	8,507	11,190	10,810	4,984	1,837	52,156
Carver	M	599	2,881	3,940	4,191	3,903	8,205	11,176	10,878	4,518	1,104	51,395
Cass	F	148	608	795	883	762	1,998	2,121	3,351	2,941	834	14,441
Cass	M	153	709	929	963	806	1,999	2,224	3,411	3,161	723	15,078
Chippewa	F	70	342	377	388	321	914	918	1,233	921	454	5,938
Chippewa	M	72	332	411	403	316	1,149	959	1,193	857	294	5,986
Chisago	F	288	1,285	1,674	1,823	1,699	4,490	5,173	6,161	3,345	1,123	27,061
Chisago	M	302	1,378	1,759	1,908	1,836	5,336	5,801	6,397	3,381	763	28,861
Clay	F	436	1,800	2,209	2,053	2,739	7,745	5,667	5,032	3,079	1,525	32,285
Clay	M	463	2,056	2,265	2,171	2,406	7,622	5,839	5,039	2,837	972	31,670
Clearwater	F	55	197	295	334	242	646	718	913	634	272	4,306
Clearwater	M	56	237	337	315	295	686	772	930	650	226	4,504
Cook	F	23	101	108	113	94	388	402	685	605	176	2,695
Cook	M	24	108	121	123	115	379	431	638	638	121	2,698

**Table 1. County Population Estimates<sup>1</sup> by Age and Sex, 2018.**

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
<b>State of Minnesota</b>	F	33,485	139,975	176,028	182,113	175,152	549,376	516,336	558,035	347,527	138,351	2,816,378
<b>State of Minnesota</b>	M	35,081	146,750	184,406	188,539	182,657	571,614	530,851	550,979	315,807	88,117	2,794,801
Cottonwood	F	68	307	338	381	325	809	901	1,107	914	491	5,641
Cottonwood	M	72	326	397	389	373	898	878	1,136	830	337	5,636
Crow Wing	F	327	1,509	1,914	1,980	1,731	5,036	5,283	7,153	5,670	2,003	32,606
Crow Wing	M	345	1,474	1,959	2,096	1,933	5,317	5,414	6,869	5,447	1,429	32,283
Dakota	F	2,525	10,784	13,998	14,421	12,994	39,633	42,709	44,840	25,260	8,404	215,568
Dakota	M	2,645	11,646	14,832	15,177	13,882	40,394	42,195	42,466	21,284	5,334	209,855
Dodge	F	115	520	717	814	702	1,829	2,030	2,059	1,183	458	10,427
Dodge	M	121	544	733	833	739	1,808	2,124	2,070	1,105	318	10,395
Douglas	F	206	901	1,102	1,167	978	2,956	3,073	4,004	3,201	1,383	18,971
Douglas	M	218	901	1,130	1,245	1,047	3,285	3,231	3,869	3,086	981	18,993
Faribault	F	71	312	389	432	398	992	1,084	1,481	1,106	618	6,883
Faribault	M	74	331	425	459	430	1,053	1,163	1,524	1,053	363	6,875
Fillmore	F	131	520	668	761	602	1,559	1,708	2,156	1,544	846	10,495
Fillmore	M	137	610	778	780	624	1,573	1,848	2,194	1,512	507	10,563
Freeborn	F	155	670	878	947	845	2,418	2,404	3,257	2,468	1,244	15,286
Freeborn	M	163	737	967	998	906	2,419	2,602	3,336	2,224	806	15,158
Goodhue	F	243	1,104	1,402	1,498	1,216	3,742	4,068	5,170	3,414	1,534	23,391
Goodhue	M	253	1,020	1,443	1,538	1,499	3,874	4,085	5,124	3,211	965	23,012
Grant	F	33	163	177	198	142	446	481	642	482	234	2,998
Grant	M	35	145	199	203	164	456	527	609	506	179	3,023
Hennepin	F	8,015	31,923	37,601	37,469	35,492	143,715	122,834	120,148	71,496	27,535	636,228
Hennepin	M	8,392	33,131	38,729	38,228	36,575	148,774	125,258	116,356	61,042	16,715	623,200
Houston	F	97	401	505	571	501	1,333	1,547	2,187	1,421	687	9,250
Houston	M	103	440	534	665	556	1,406	1,623	2,117	1,457	427	9,328
Hubbard	F	102	442	610	668	542	1,322	1,672	2,477	2,032	636	10,503
Hubbard	M	107	492	695	680	572	1,446	1,707	2,455	2,127	548	10,829
Isanti	F	215	932	1,253	1,360	1,156	3,534	3,637	4,188	2,529	952	19,756
Isanti	M	221	989	1,374	1,467	1,246	3,689	3,806	4,475	2,341	602	20,210
Itasca	F	219	891	1,190	1,342	1,231	3,114	3,687	5,172	4,039	1,426	22,311
Itasca	M	231	1,024	1,304	1,470	1,404	3,353	3,840	5,043	4,040	1,088	22,797
Jackson	F	52	217	279	308	264	702	816	1,024	745	431	4,838
Jackson	M	56	221	289	334	318	803	883	1,128	744	297	5,073

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<b>State of Minnesota</b>	M	35,081	146,750	184,406	188,539	182,657	571,614	530,851	550,979	315,807	88,117	2,794,801
Kanabec	F	85	368	456	533	459	1,165	1,422	1,840	1,289	431	8,048
Kanabec	M	87	333	449	532	511	1,275	1,433	1,935	1,291	313	8,159
Kandiyohi	F	278	1,118	1,386	1,420	1,259	3,644	3,485	4,345	2,943	1,401	21,279
Kandiyohi	M	290	1,244	1,467	1,571	1,385	4,015	3,625	4,262	2,846	871	21,576
Kittson	F	22	83	128	135	120	287	305	474	359	197	2,110
Kittson	M	24	104	139	124	124	316	322	505	372	108	2,138
Koochiching	F	48	227	293	336	376	816	977	1,483	1,198	461	6,215
Koochiching	M	51	224	305	335	369	898	961	1,562	1,157	363	6,225
Lac Qui Parle	F	31	122	161	193	184	419	502	719	601	379	3,311
Lac Qui Parle	M	34	133	212	207	187	437	503	780	597	257	3,347
Lake	F	49	183	257	278	244	718	804	1,252	955	430	5,170
Lake	M	52	239	311	288	298	768	875	1,267	1,040	350	5,488
Lake Of The Woods	F	18	68	83	114	79	235	288	449	339	119	1,792
Lake Of The Woods	M	19	81	103	111	89	264	298	548	362	91	1,966
Le Sueur	F	165	671	897	1,017	844	2,319	2,643	2,933	1,913	723	14,125
Le Sueur	M	173	725	938	1,027	932	2,329	2,730	3,164	1,893	458	14,369
Lincoln	F	34	137	175	196	141	365	442	544	471	307	2,812
Lincoln	M	35	136	198	210	167	414	464	607	414	216	2,861
Lyon	F	174	714	908	850	947	2,430	2,202	2,364	1,468	783	12,840
Lyon	M	191	828	985	929	920	2,505	2,290	2,332	1,355	454	12,789
Mcleod	F	194	839	1,097	1,141	1,118	3,018	3,157	3,697	2,560	1,127	17,948
Mcleod	M	203	869	1,127	1,246	1,157	3,312	3,319	3,663	2,269	760	17,925
Mahnomen	F	50	183	285	197	178	421	430	484	358	152	2,738
Mahnomen	M	53	193	284	249	208	396	423	534	332	109	2,781
Marshall	F	56	245	293	314	276	715	717	955	693	388	4,652
Marshall	M	58	255	284	289	265	794	801	1,057	691	244	4,738
Martin	F	109	441	573	637	545	1,504	1,519	2,117	1,606	930	9,981
Martin	M	113	470	596	651	553	1,563	1,590	2,154	1,544	570	9,804
Meeker	F	128	574	724	782	739	1,700	1,908	2,384	1,681	738	11,358
Meeker	M	132	584	804	853	767	1,883	1,975	2,570	1,680	535	11,783
Mille Lacs	F	162	660	888	851	728	2,140	2,274	2,719	1,842	736	13,000
Mille Lacs	M	174	694	874	930	887	2,189	2,359	2,823	1,724	485	13,139



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<b>State of Minnesota</b>	M	35,081	146,750	184,406	188,539	182,657	571,614	530,851	550,979	315,807	88,117	2,794,801
Morrison	F	185	806	1,024	1,159	883	2,534	2,824	3,551	2,381	1,077	16,424
Morrison	M	195	813	1,115	1,184	1,081	2,703	2,893	3,732	2,350	679	16,745
Mower	F	244	1,046	1,384	1,406	1,204	3,421	3,436	3,690	2,545	1,511	19,887
Mower	M	257	1,114	1,395	1,496	1,472	3,685	3,591	3,830	2,410	874	20,124
Murray	F	46	190	221	266	238	571	639	881	718	366	4,136
Murray	M	48	195	257	264	249	577	648	875	767	260	4,140
Nicollet	F	177	799	1,030	1,093	1,441	3,416	2,988	3,026	2,108	847	16,925
Nicollet	M	182	836	1,094	1,106	1,280	3,759	3,248	3,187	2,031	572	17,295
Nobles	F	185	718	870	752	695	1,877	1,726	1,875	1,216	710	10,624
Nobles	M	188	706	868	824	752	2,190	2,005	2,108	1,229	430	11,300
Norman	F	38	155	197	235	184	460	548	685	453	258	3,213
Norman	M	40	149	233	221	231	501	549	683	483	172	3,262
Olmsted	F	1,021	4,289	5,142	5,344	4,583	16,093	14,681	15,327	9,479	4,072	80,031
Olmsted	M	1,079	4,361	5,418	5,556	4,586	15,498	14,784	14,243	8,067	2,654	76,246
Otter Tail	F	337	1,367	1,746	1,814	1,527	4,156	4,370	6,579	5,013	2,315	29,224
Otter Tail	M	353	1,487	1,843	1,852	1,732	4,491	4,566	6,600	5,167	1,497	29,588
Pennington	F	78	379	447	466	399	1,241	1,262	1,405	973	496	7,146
Pennington	M	83	347	478	447	397	1,444	1,329	1,384	866	257	7,032
Pine	F	128	535	719	853	764	1,905	2,315	3,267	2,344	823	13,653
Pine	M	134	624	793	936	865	2,813	3,028	3,706	2,271	660	15,830
Pipestone	F	63	264	323	312	268	688	721	886	644	472	4,641
Pipestone	M	63	268	333	339	286	674	720	943	554	226	4,406
Polk	F	209	845	1,026	1,003	1,067	2,726	2,516	3,202	2,021	1,086	15,701
Polk	M	219	933	1,047	1,111	1,012	3,019	2,721	3,207	1,986	573	15,828
Pope	F	58	237	305	310	256	815	829	1,199	950	473	5,432
Pope	M	59	260	357	362	291	905	932	1,212	991	296	5,665
Ramsey	F	3,740	14,837	17,420	17,076	17,224	66,103	49,285	50,765	32,339	12,850	281,639
Ramsey	M	3,937	15,579	18,539	17,463	17,569	64,810	49,283	47,252	26,812	7,327	268,571
Red Lake	F	19	79	133	146	126	248	355	417	294	140	1,957
Red Lake	M	20	115	144	142	120	290	348	460	301	102	2,042
Redwood	F	90	402	524	552	444	1,172	1,179	1,497	1,151	627	7,638
Redwood	M	93	411	506	553	533	1,216	1,252	1,600	1,070	377	7,611

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<b>State of Minnesota</b>	M	35,081	146,750	184,406	188,539	182,657	571,614	530,851	550,979	315,807	88,117	2,794,801
Renville	F	96	325	484	495	422	1,077	1,140	1,549	1,011	586	7,185
Renville	M	102	392	466	473	440	1,198	1,241	1,672	1,080	363	7,427
Rice	F	381	1,528	2,000	2,091	2,910	6,551	5,452	6,178	3,932	1,599	32,622
Rice	M	393	1,555	1,975	2,063	2,806	7,567	6,329	6,494	3,683	1,036	33,901
Rock	F	56	260	341	357	303	686	835	922	655	363	4,778
Rock	M	60	198	310	394	345	752	805	923	623	226	4,636
Roseau	F	83	353	508	533	472	1,106	1,253	1,644	969	434	7,355
Roseau	M	88	383	498	534	540	1,250	1,381	1,873	980	268	7,795
Saint Louis	F	965	4,050	5,048	5,259	6,705	19,736	15,912	20,951	14,682	6,163	99,471
Saint Louis	M	1,006	4,130	5,376	5,662	6,840	21,353	17,308	20,705	14,212	3,691	100,283
Scott	F	908	4,080	5,549	5,928	5,163	12,901	16,471	14,235	6,638	2,068	73,941
Scott	M	943	4,153	5,712	6,114	5,485	12,838	16,288	14,578	5,900	1,429	73,440
Sherburne	F	589	2,604	3,334	3,659	3,335	8,636	9,883	8,935	4,448	1,412	46,835
Sherburne	M	614	2,725	3,603	3,711	3,597	9,753	10,573	9,601	4,164	860	49,201
Sibley	F	73	367	459	558	474	1,166	1,278	1,589	997	507	7,468
Sibley	M	79	325	529	533	483	1,264	1,390	1,705	945	307	7,560
Stearns	F	986	3,935	4,994	5,098	6,429	17,185	12,967	14,400	9,152	3,704	78,850
Stearns	M	1,030	4,183	5,099	5,157	6,415	19,225	13,452	14,622	8,497	2,726	80,406
Steele	F	205	959	1,316	1,381	1,146	2,974	3,277	3,673	2,392	1,154	18,477
Steele	M	216	913	1,268	1,359	1,233	3,351	3,324	3,717	2,228	717	18,326
Stevens	F	55	210	272	298	549	1,132	697	760	562	368	4,903
Stevens	M	57	219	298	317	500	1,206	740	757	541	215	4,850
Swift	F	53	226	289	301	268	673	741	932	704	433	4,620
Swift	M	58	233	320	321	270	767	815	1,034	670	237	4,725
Todd	F	158	627	832	704	668	1,778	1,820	2,640	1,932	751	11,910
Todd	M	166	712	824	876	772	1,913	2,055	2,743	2,024	587	12,672
Traverse	F	17	72	87	97	92	223	237	370	258	196	1,649
Traverse	M	18	81	103	100	90	251	262	376	264	114	1,659
Wabasha	F	116	468	615	685	582	1,679	1,766	2,435	1,772	682	10,800
Wabasha	M	123	519	694	694	599	1,647	1,851	2,449	1,743	526	10,845
Wadena	F	96	342	484	541	409	1,052	1,100	1,322	1,036	576	6,958
Wadena	M	101	421	493	497	435	1,066	1,146	1,371	966	319	6,815

**Table 1. County Population Estimates<sup>1</sup> by Age and Sex, 2018.**

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
<b>State of Minnesota</b>	F	33,485	139,975	176,028	182,113	175,152	549,376	516,336	558,035	347,527	138,351	2,816,378
<b>State of Minnesota</b>	M	35,081	146,750	184,406	188,539	182,657	571,614	530,851	550,979	315,807	88,117	2,794,801
Waseca	F	94	416	552	661	613	1,781	1,889	1,863	1,253	561	9,683
Waseca	M	99	445	625	672	594	1,528	1,653	1,806	1,239	347	9,008
Washington	F	1,362	6,380	8,677	9,371	8,433	21,713	26,053	28,018	15,771	5,347	131,125
Washington	M	1,422	6,422	8,991	9,530	8,954	22,515	25,848	26,606	14,253	3,535	128,076
Watonwan	F	76	306	389	370	348	879	879	1,156	712	439	5,554
Watonwan	M	79	306	361	342	364	947	901	1,086	743	297	5,426
Wilkin	F	38	146	184	187	156	467	524	692	429	203	3,026
Wilkin	M	40	158	193	214	240	486	575	754	409	159	3,228
Winona	F	221	1,035	1,160	1,357	2,508	6,327	3,733	4,729	3,229	1,393	25,692
Winona	M	234	962	1,254	1,320	2,117	6,617	3,984	4,636	3,142	867	25,133
Wright	F	842	3,709	5,187	5,619	4,611	11,445	14,121	12,731	6,996	2,240	67,501
Wright	M	882	3,973	5,392	5,885	5,019	11,654	14,696	13,368	6,376	1,603	68,848
Yellow Medicine	F	56	255	320	332	263	764	758	1,042	645	412	4,847
Yellow Medicine	M	59	241	310	363	331	851	801	1,068	671	253	4,948

**Table 1. County Population Estimates<sup>1</sup> by Age and Sex, 2018.**

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
<b>State of Minnesota</b>	F	33,485	139,975	176,028	182,113	175,152	549,376	516,336	558,035	347,527	138,351	2,816,378
<b>State of Minnesota</b>	M	35,081	146,750	184,406	188,539	182,657	571,614	530,851	550,979	315,807	88,117	2,794,801
CHB - Aitkin, Itasca, Koochiching	F	324	1,353	1,809	2,104	1,947	4,854	5,685	8,569	7,235	2,514	36,394
CHB - Aitkin, Itasca, Koochiching	M	343	1,489	2,020	2,237	2,137	5,143	5,866	8,547	7,273	2,001	37,056
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	F	240	1,036	1,291	1,367	1,162	3,112	3,259	4,477	3,328	1,958	21,230
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	M	253	1,065	1,411	1,437	1,231	3,580	3,428	4,653	3,204	1,219	21,481
CHB - Brown, Nicollet	F	309	1,325	1,742	1,864	2,249	5,559	4,950	5,714	3,909	1,906	29,527
CHB - Brown, Nicollet	M	321	1,446	1,909	1,955	2,148	5,993	5,276	5,770	3,763	1,223	29,804
CHB - Carlton, Cook, Lake, St. Louis	F	1,209	1,038	1,484	1,586	1,345	3,848	4,356	5,638	3,854	1,619	25,012
CHB - Carlton, Cook, Lake, St. Louis	M	1,262	5,241	6,970	7,334	8,424	26,066	22,389	26,592	18,122	4,759	127,159
CHB - Clay, Wilkin, Becker, Otter Tail	F	1,015	4,152	5,348	5,264	5,458	15,095	13,306	15,876	11,233	5,019	81,766
CHB - Clay, Wilkin, Becker, Otter Tail	M	1,067	4,580	5,422	5,508	5,507	15,220	13,868	16,049	11,093	3,312	81,626
CHB - Clearwater, Hubbard, Lake of the	F	175	707	988	1,116	863	2,203	2,678	3,839	3,005	1,027	16,601
CHB - Clearwater, Hubbard, Lake of the	M	182	810	1,135	1,106	956	2,396	2,777	3,933	3,139	865	17,299
CHB - Cottonwood, Jackson	F	120	524	617	689	589	1,511	1,717	2,131	1,659	922	10,479
CHB - Cottonwood, Jackson	M	128	547	686	723	691	1,701	1,761	2,264	1,574	634	10,709
CHB - Dodge, Steele	F	320	1,479	2,033	2,195	1,848	4,803	5,307	5,732	3,575	1,612	28,904
CHB - Dodge, Steele	M	337	1,457	2,001	2,192	1,972	5,159	5,448	5,787	3,333	1,035	28,721

**Table 1. County Population Estimates<sup>1</sup> by Age and Sex, 2018.**

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
<b>State of Minnesota</b>	F	33,485	139,975	176,028	182,113	175,152	549,376	516,336	558,035	347,527	138,351	2,816,378
<b>State of Minnesota</b>	M	35,081	146,750	184,406	188,539	182,657	571,614	530,851	550,979	315,807	88,117	2,794,801
CHB - Douglas, Grant, Pope, Stevens, Traverse	F	369	1,583	1,943	2,070	2,017	5,572	5,317	6,975	5,453	2,654	33,953
CHB - Douglas, Grant, Pope, Stevens, Traverse	M	387	1,606	2,087	2,227	2,092	6,103	5,692	6,823	5,388	1,785	34,190
CHB - Faribault, Martin	F	180	753	962	1,069	943	2,496	2,603	3,598	2,712	1,548	16,864
CHB - Faribault, Martin	M	187	801	1,021	1,110	983	2,616	2,753	3,678	2,597	933	16,679
CHB - Fillmore, Houston	F	228	921	1,173	1,332	1,103	2,892	3,255	4,343	2,965	1,533	19,745
CHB - Fillmore, Houston	M	240	1,050	1,312	1,445	1,180	2,979	3,471	4,311	2,969	934	19,891
CHB - Kandiyohi, Renville	F	374	1,443	1,870	1,915	1,681	4,721	4,625	5,894	3,954	1,987	28,464
CHB - Kandiyohi, Renville	M	392	1,636	1,933	2,044	1,825	5,213	4,866	5,934	3,926	1,234	29,003
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	F	258	1,139	1,509	1,594	1,393	3,597	3,892	4,895	3,288	1,655	23,220
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	M	273	1,204	1,543	1,536	1,446	4,094	4,181	5,279	3,210	979	23,745
CHB - LeSueur, Waseca	F	259	1,087	1,449	1,678	1,457	4,100	4,532	4,796	3,166	1,284	23,808
CHB - LeSueur, Waseca	M	272	1,170	1,563	1,699	1,526	3,857	4,383	4,970	3,132	805	23,377
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	F	463	1,967	2,492	2,533	2,341	5,912	6,018	7,094	5,107	2,918	36,845
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	M	490	2,036	2,589	2,689	2,500	6,138	6,179	7,280	4,783	1,759	36,443
CHB - Mahnomen, Norman, Polk	F	297	1,183	1,508	1,435	1,429	3,607	3,494	4,371	2,832	1,496	21,652
CHB - Mahnomen, Norman, Polk	M	312	1,275	1,564	1,581	1,451	3,916	3,693	4,424	2,801	854	21,871

**Table 1. County Population Estimates<sup>1</sup> by Age and Sex, 2018.**

	Sex	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+	TOTAL
<b>State of Minnesota</b>	F	33,485	139,975	176,028	182,113	175,152	549,376	516,336	558,035	347,527	138,351	2,816,378
<b>State of Minnesota</b>	M	35,081	146,750	184,406	188,539	182,657	571,614	530,851	550,979	315,807	88,117	2,794,801
CHB - Meeker, McLeod, Sibley	F	395	1,780	2,280	2,481	2,331	5,884	6,343	7,670	5,238	2,372	36,774
CHB - Meeker, McLeod, Sibley	M	414	1,778	2,460	2,632	2,407	6,459	6,684	7,938	4,894	1,602	37,268
CHB - Morrison, Todd, Wadena	F	439	1,775	2,340	2,404	1,960	5,364	5,744	7,513	5,349	2,404	35,292
CHB - Morrison, Todd, Wadena	M	462	1,946	2,432	2,557	2,288	5,682	6,094	7,846	5,340	1,585	36,232
<b>Metro CHBs<sup>2</sup></b>	<b>Sex</b>		<b>0-4</b>	<b>5-9</b>	<b>10-14</b>	<b>15-19</b>	<b>20-34</b>	<b>35-49</b>	<b>50-64</b>	<b>65-79</b>	<b>80+</b>	<b>TOTAL</b>
CHB - Bloomington	F	N/A	2,477	1,966	1,836	2,351	7,973	7,977	9,437	6,288	3,072	43,377
	M	N/A	2,355	2,200	2,883	2,172	8,954	7,682	8,712	5,092	1,967	42,017
CHB - Edina	F	N/A	1,525	1,845	1,702	1,338	3,161	5,250	5,462	4,212	2,390	26,885
	M	N/A	1,448	1,540	1,844	1,498	3,673	4,740	5,111	3,304	1,093	24,251
CHB - Minneapolis	F	N/A	13,525	11,644	9,903	13,061	65,207	38,685	31,237	16,316	5,348	204,926
	M	N/A	14,527	12,131	10,593	13,060	68,469	41,790	32,539	14,613	3,373	211,095
CHB - Richfield	F	N/A	1,139	967	858	860	4,551	3,086	3,025	2,185	1,202	17,873
	M	N/A	1,110	1,199	1,024	1,103	4,534	3,878	3,159	1,454	648	18,109
CHB - St. Paul	F	N/A	10,957	10,270	10,487	9,904	41,410	27,543	25,706	12,406	4,788	153,471
	M	N/A	11,543	10,970	10,634	10,800	40,679	27,169	24,123	10,788	2,583	149,289

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

<sup>2</sup> 2018 Population estimates for Metro CHBs are from the American Community Survey (ACS), 5-year estimates, 2014-2018. Estimates for <1 years old are combined with 1-4 years.

**Table 2. Population Estimates by Race/Ethnicity and State/County/CHB, Minnesota, 2018.**

	Non-Hispanic				Hispanic	TOTAL
	White	African American	American Indian	Asian/Pacific Islander		
<b>State of Minnesota</b>	4,524,531	406,460	68,556	302,349	309,283	5,611,179
Aitkin	15,045	144	418	63	232	15,902
Anoka	289,882	26,254	2,720	18,186	16,771	353,813
Becker	30,137	333	2,957	207	737	34,371
Beltrami	34,261	576	10,453	417	1,140	46,847
Benton	36,678	2,091	214	541	1,021	40,545
Big Stone	4,793	45	26	12	113	4,989
Blue Earth	59,708	3,182	223	1,728	2,586	67,427
Brown	23,503	199	43	209	1,157	25,111
Carlton	31,990	725	2,252	214	656	35,837
Carver	92,773	2,430	242	3,686	4,420	103,551
Cass	24,756	234	3,688	146	695	29,519
Chippewa	10,444	142	145	277	916	11,924
Chisago	52,522	910	396	812	1,282	55,922
Clay	56,171	2,788	1,005	1,044	2,947	63,955
Clearwater	7,592	107	871	31	209	8,810
Cook	4,662	81	468	48	134	5,393
Cottonwood	9,714	157	39	437	930	11,277
Crow Wing	62,106	766	667	372	978	64,889
Dakota	336,114	32,203	1,964	23,685	31,457	425,423
Dodge	19,309	200	66	190	1,057	20,822
Douglas	36,644	317	122	216	665	37,964
Faribault	12,526	124	52	56	1,000	13,758
Fillmore	20,360	154	29	136	379	21,058
Freeborn	25,999	483	106	836	3,020	30,444
Goodhue	42,987	796	623	389	1,608	46,403
Grant	5,756	70	26	24	145	6,021
Hennepin	881,775	180,289	10,614	98,939	87,811	1,259,428
Houston	17,979	199	44	125	231	18,578
Hubbard	19,962	187	588	130	465	21,332
Isanti	37,853	447	263	549	854	39,966
Itasca	41,890	402	1,902	202	712	45,108
Jackson	9,186	142	27	168	388	9,911
Kanabec	15,520	159	150	108	270	16,207
Kandiyohi	34,350	2,588	159	490	5,268	42,855
Kittson	4,084	29	11	31	93	4,248
Koochiching	11,710	132	354	78	166	12,440
Lac Qui Parle	6,333	77	12	60	176	6,658
Lake	10,223	119	76	60	180	10,658
Lake of the Woods	3,536	50	39	79	54	3,758
Le Sueur	26,154	268	123	193	1,756	28,494
Lincoln	5,464	30	17	29	133	5,673
Lyon	21,542	979	122	1,161	1,825	25,629
McLeod	32,765	339	132	303	2,334	35,873
Mahnomen	2,713	72	2,502	13	219	5,519

**Table 2. Population Estimates by Race/Ethnicity and State/County/CHB, Minnesota, 2018.**

	Non-Hispanic				Hispanic	TOTAL
	White	African American	American Indian	Asian/Pacific Islander		
<b>State of Minnesota</b>	4,524,531	406,460	68,556	302,349	309,283	5,611,179
Marshall	8,795	67	54	25	449	9,390
Martin	18,480	182	80	143	900	19,785
Meeker	21,847	198	62	103	931	23,141
Mille Lacs	23,454	270	1,607	166	642	26,139
Morrison	31,975	333	110	168	583	33,169
Mower	31,437	1,656	105	2,048	4,765	40,011
Murray	7,713	55	21	132	355	8,276
Nicollet	30,485	1,406	119	618	1,592	34,220
Nobles	12,915	1,183	88	1,504	6,234	21,924
Norman	5,896	76	138	46	319	6,475
Olmsted	126,552	10,775	449	10,639	7,862	156,277
Otter Tail	54,785	1,073	427	429	2,098	58,812
Pennington	12,996	257	251	134	540	14,178
Pine	26,572	765	1,034	237	875	29,483
Pipestone	7,957	150	147	92	701	9,047
Polk	27,631	965	497	365	2,071	31,529
Pope	10,720	98	40	72	167	11,097
Ramsey	345,713	72,842	4,034	85,804	41,817	550,210
Red Lake	3,709	46	71	13	160	3,999
Redwood	13,379	159	714	425	572	15,249
Renville	12,868	143	154	130	1,317	14,612
Rice	55,146	4,019	308	1,646	5,404	66,523
Rock	8,833	123	53	73	332	9,414
Roseau	14,046	150	314	429	211	15,150
St. Louis	184,262	4,328	4,910	2,714	3,540	199,754
Scott	120,770	7,574	1,348	9,824	7,865	147,381
Sherburne	88,304	3,111	545	1,504	2,572	96,036
Sibley	13,301	164	48	99	1,416	15,028
Stearns	137,547	11,698	470	4,033	5,508	159,256
Steele	31,926	1,379	113	408	2,977	36,803
Stevens	8,593	142	144	218	656	9,753
Swift	8,497	159	59	108	522	9,345
Todd	22,546	201	123	187	1,525	24,582
Traverse	2,959	36	196	9	108	3,308
Wabasha	20,619	201	56	149	620	21,645
Wadena	13,071	229	115	80	278	13,773
Waseca	16,755	490	113	164	1,169	18,691
Washington	216,125	13,708	1,270	16,971	11,127	259,201
Watonwan	7,851	102	35	118	2,874	10,980
Wilkin	5,861	74	97	28	194	6,254
Winona	46,583	1,114	179	1,397	1,552	50,825
Wright	126,818	2,640	545	2,154	4,192	136,349
Yellow Medicine	8,768	100	363	63	501	9,795



**Table 2. Population Estimates by Race/Ethnicity and State/County/CHB, Minnesota, 2018.**

	Non-Hispanic				Hispanic	TOTAL
	White	African American	American Indian	Asian/Pacific Islander		
<b>State of Minnesota</b>	4,524,531	406,460	68,556	302,349	309,283	5,611,179
CHB - Aitkin, Itasca, Koochiching	68,645	678	2,674	343	1,110	73,450
CHB - Clearwater, Hubbard, Lake of the Woods	31,090	344	1,498	240	728	33,900
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	38,835	523	605	520	2,228	42,711
CHB - Brown, Nicollet	53,988	1,605	162	827	2,749	59,331
CHB - Carlton, Cook, Lake, St. Louis	231,137	5,253	7,706	3,036	4,510	251,642
CHB - Cottonwood, Jackson	18,900	299	66	605	1,318	21,188
CHB - Clay, Wilkin, Becker, Otter Tail	146,954	4,268	4,486	1,708	5,976	163,392
CHB - Douglas, Grant, Pope, Stevens, Traverse	64,672	663	528	539	1,741	68,143
CHB - Dodge, Steele	51,235	1,579	179	598	4,034	57,625
CHB - Fillmore, Houston	38,339	353	73	261	610	39,636
CHB - Faribault, Martin	31,006	306	132	199	1,900	33,543
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	43,630	549	701	632	1,453	46,965
CHB - Kandiyohi, Renville	47,218	2,731	313	620	6,585	57,467
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	64,888	1,496	1,074	1,912	3,918	73,288
CHB - LeSueur, Waseca	42,909	758	236	357	2,925	47,185
CHB - Meeker, McLeod, Sibley	67,913	701	242	505	4,681	74,042
CHB - Mahnomen, Norman, Polk	36,240	1,113	3,137	424	2,609	43,523
CHB - Morrison, Todd, Wadena	67,592	763	348	435	2,386	71,524
<b>Metro CHBs<sup>2</sup></b>						
CHB - Bloomington	N/A	N/A	N/A	N/A	N/A	85,394
CHB - Edina	N/A	N/A	N/A	N/A	N/A	51,136
CHB - Minneapolis	N/A	N/A	N/A	N/A	N/A	416,021
CHB - Richfield	N/A	N/A	N/A	N/A	N/A	35,982
CHB - St. Paul	N/A	N/A	N/A	N/A	N/A	302,760

<sup>1</sup> Annual Estimates 2018 are bridged-race Vintage 2018 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>

<sup>2</sup> Bridged race population estimates are not available at the city level.

**Table 3. Selected Population Age Groups<sup>1</sup>, Minnesota Residents, 2018.**

	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
<b>State of Minnesota</b>	355,291	6.3%	1,444,186	25.7%	889,802	15.9%	1,074,005	5,611,179
Aitkin	594	3.7%	2,893	18.2%	5,251	33.0%	1,906	15,902
Anoka	22,201	6.3%	91,888	26.0%	49,712	14.1%	66,410	353,813
Becker	2,133	6.2%	9,109	26.5%	7,052	20.5%	5,651	34,371
Beltrami	3,318	7.1%	13,597	29.0%	7,548	16.1%	9,238	46,847
Benton	2,938	7.2%	11,087	27.3%	5,709	14.1%	8,132	40,545
Big Stone	277	5.6%	1,128	22.6%	1,324	26.5%	692	4,989
Blue Earth	3,689	5.5%	16,868	25.0%	9,368	13.9%	16,183	67,427
Brown	1,407	5.6%	6,230	24.8%	5,243	20.9%	4,270	25,111
Carlton	1,870	5.2%	8,785	24.5%	6,136	17.1%	5,826	35,837
Carver	6,799	6.6%	30,342	29.3%	12,443	12.0%	19,696	103,551
Cass	1,618	5.5%	6,756	22.9%	7,659	25.9%	4,118	29,519
Chippewa	816	6.8%	3,032	25.4%	2,526	21.2%	1,865	11,924
Chisago	3,253	5.8%	13,952	24.9%	8,612	15.4%	9,470	55,922
Clay	4,755	7.4%	18,598	29.1%	8,413	13.2%	14,484	63,955
Clearwater	545	6.2%	2,363	26.8%	1,782	20.2%	1,365	8,810
Cook	256	4.7%	930	17.2%	1,540	28.6%	739	5,393
Cottonwood	773	6.9%	2,976	26.4%	2,572	22.8%	1,726	11,277
Crow Wing	3,655	5.6%	15,268	23.5%	14,549	22.4%	10,345	64,889
Dakota	27,600	6.5%	112,904	26.5%	60,282	14.2%	81,177	425,423
Dodge	1,300	6.2%	5,838	28.0%	3,064	14.7%	3,894	20,822
Douglas	2,226	5.9%	8,895	23.4%	8,651	22.8%	5,974	37,964
Faribault	788	5.7%	3,321	24.1%	3,140	22.8%	2,141	13,758
Fillmore	1,398	6.6%	5,611	26.6%	4,409	20.9%	3,330	21,058
Freeborn	1,725	5.7%	7,266	23.9%	6,742	22.1%	4,898	30,444
Goodhue	2,620	5.6%	11,216	24.2%	9,124	19.7%	7,716	46,403
Grant	376	6.2%	1,459	24.2%	1,401	23.3%	936	6,021
Hennepin	81,461	6.5%	305,555	24.3%	176,788	14.0%	264,234	1,259,428
Houston	1,041	5.6%	4,373	23.5%	3,992	21.5%	2,852	18,578
Hubbard	1,143	5.4%	4,910	23.0%	5,343	25.0%	2,987	21,332
Isanti	2,357	5.9%	10,213	25.6%	6,424	16.1%	7,106	39,966
Itasca	2,365	5.2%	10,306	22.8%	10,593	23.5%	6,773	45,108

**Table 3. Selected Population Age Groups<sup>1</sup>, Minnesota Residents, 2018.**

	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	546	5.5%	2,338	23.6%	2,217	22.4%	1,507	9,911
Kanabec	873	5.4%	3,813	23.5%	3,324	20.5%	2,534	16,207
Kandiyohi	2,930	6.8%	11,418	26.6%	8,061	18.8%	7,188	42,855
Kittson	233	5.5%	1,003	23.6%	1,036	24.4%	599	4,248
Koochiching	550	4.4%	2,564	20.6%	3,179	25.6%	1,811	12,440
Lac Qui Parle	320	4.8%	1,464	22.0%	1,834	27.5%	940	6,658
Lake	523	4.9%	2,199	20.6%	2,775	26.0%	1,487	10,658
Lake of the Woods	186	4.9%	765	20.4%	911	24.2%	505	3,758
Le Sueur	1,734	6.1%	7,389	25.9%	4,987	17.5%	4,883	28,494
Lincoln	342	6.0%	1,429	25.2%	1,408	24.8%	805	5,673
Lyon	1,907	7.4%	7,446	29.1%	4,060	15.8%	4,914	25,629
McLeod	2,105	5.9%	8,991	25.1%	6,716	18.7%	6,163	35,873
Mahnomen	479	8.7%	1,880	34.1%	951	17.2%	889	5,519
Marshall	614	6.5%	2,335	24.9%	2,016	21.5%	1,460	9,390
Martin	1,133	5.7%	4,688	23.7%	4,650	23.5%	3,040	19,785
Meeker	1,418	6.1%	6,087	26.3%	4,634	20.0%	3,720	23,141
Mille Lacs	1,690	6.5%	6,848	26.2%	4,787	18.3%	4,348	26,139
Morrison	1,999	6.0%	8,445	25.5%	6,487	19.6%	5,310	33,169
Mower	2,661	6.7%	11,018	27.5%	7,340	18.3%	6,958	40,011
Murray	479	5.8%	1,974	23.9%	2,111	25.5%	1,246	8,276
Nicollet	1,994	5.8%	9,038	26.4%	5,558	16.2%	6,955	34,220
Nobles	1,797	8.2%	6,558	29.9%	3,585	16.4%	3,755	21,924
Norman	382	5.9%	1,683	26.0%	1,366	21.1%	1,020	6,475
Olmsted	10,750	6.9%	41,379	26.5%	24,272	15.5%	30,951	156,277
Otter Tail	3,544	6.0%	14,058	23.9%	13,992	23.8%	8,578	58,812
Pennington	887	6.3%	3,521	24.8%	2,592	18.3%	2,485	14,178
Pine	1,421	4.8%	6,351	21.5%	6,098	20.7%	4,192	29,483
Pipestone	658	7.3%	2,519	27.8%	1,896	21.0%	1,420	9,047
Polk	2,206	7.0%	8,472	26.9%	5,666	18.0%	5,478	31,529
Pope	614	5.5%	2,495	22.5%	2,710	24.4%	1,631	11,097

**Table 3. Selected Population Age Groups<sup>1</sup>, Minnesota Residents, 2018.**

	Number < 5 Years	Percent < 5 Years	Number 0-19 yrs	Percent 0-19 yrs	Number 65+ yrs	Percent 65+ yrs	Females 15-44 yrs	TOTAL
Ramsey	38,093	6.9%	143,384	26.1%	79,328	14.4%	117,400	550,210
Red Lake	233	5.8%	1,044	26.1%	837	20.9%	622	3,999
Redwood	996	6.5%	4,108	26.9%	3,225	21.1%	2,405	15,249
Renville	915	6.3%	3,695	25.3%	3,040	20.8%	2,246	14,612
Rice	3,857	5.8%	17,702	26.6%	10,250	15.4%	13,000	66,523
Rock	574	6.1%	2,624	27.9%	1,867	19.8%	1,553	9,414
Roseau	907	6.0%	3,992	26.3%	2,651	17.5%	2,356	15,150
St. Louis	10,151	5.1%	45,041	22.5%	38,748	19.4%	37,202	199,754
Scott	10,084	6.8%	44,035	29.9%	16,035	10.9%	28,979	147,381
Sherburne	6,532	6.8%	27,771	28.9%	10,884	11.3%	18,429	96,036
Sibley	844	5.6%	3,880	25.8%	2,756	18.3%	2,482	15,028
Stearns	10,134	6.4%	43,326	27.2%	24,079	15.1%	32,358	159,256
Steele	2,293	6.2%	9,996	27.2%	6,491	17.6%	6,329	36,803
Stevens	541	5.5%	2,775	28.5%	1,686	17.3%	2,160	9,753
Swift	570	6.1%	2,339	25.0%	2,044	21.9%	1,443	9,345
Todd	1,663	6.8%	6,339	25.8%	5,294	21.5%	3,655	24,582
Traverse	188	5.7%	757	22.9%	832	25.2%	481	3,308
Wabasha	1,226	5.7%	5,095	23.5%	4,723	21.8%	3,402	21,645
Wadena	960	7.0%	3,819	27.7%	2,897	21.0%	2,213	13,773
Waseca	1,054	5.6%	4,771	25.5%	3,400	18.2%	3,707	18,691
Washington	15,586	6.0%	69,542	26.8%	38,906	15.0%	47,404	259,201
Watsonwan	767	7.0%	2,941	26.8%	2,191	20.0%	1,833	10,980
Wilkin	382	6.1%	1,556	24.9%	1,200	19.2%	966	6,254
Winona	2,452	4.8%	12,168	23.9%	8,631	17.0%	11,348	50,825
Wright	9,406	6.9%	41,119	30.2%	17,215	12.6%	25,601	136,349
Yellow Medicine	611	6.2%	2,530	25.8%	1,981	20.2%	1,525	9,795

**Table 3. Selected Population Age Groups<sup>1</sup>, Minnesota Residents, 2018.**

	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	3,509	4.8%	15,763	21.5%	19,023	25.9%	10,490	73,450
CHB - Clearwater, Hubbard, Lake of the Woods	1,874	5.5%	8,038	23.7%	8,036	23.7%	4,857	33,900
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	2,594	6.1%	10,493	24.6%	9,709	22.7%	6,465	42,711
CHB - Brown, Nicollet	3,401	5.7%	15,268	25.7%	10,801	18.2%	11,225	59,331
CHB - Carlton, Cook, Lake, St. Louis	12,800	5.1%	56,955	22.6%	49,199	19.6%	45,254	251,642
CHB - Cottonwood, Jackson	1,319	6.2%	5,314	25.1%	4,789	22.6%	3,233	21,188
CHB - Clay, Wilkin, Becker, Otter Tail	10,814	6.6%	43,321	26.5%	30,657	18.8%	29,679	163,392
CHB - Douglas, Grant, Pope, Stevens, Traverse	3,945	5.8%	16,381	24.0%	15,280	22.4%	11,182	68,143
CHB - Dodge, Steele	3,593	6.2%	15,834	27.5%	9,555	16.6%	10,223	57,625
CHB - Fillmore, Houston	2,439	6.2%	9,984	25.2%	8,401	21.2%	6,182	39,636
CHB - Faribault, Martin	1,921	5.7%	8,009	23.9%	7,790	23.2%	5,181	33,543
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	2,874	6.1%	11,895	25.3%	9,132	19.4%	7,522	46,965
CHB - Kandiyohi, Renville	3,845	6.7%	15,113	26.3%	11,101	19.3%	9,434	57,467
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	4,956	6.8%	20,100	27.4%	14,567	19.9%	12,343	73,288
CHB - LeSueur, Waseca	2,788	5.9%	12,160	25.8%	8,387	17.8%	8,590	47,185
CHB - Meeker, McLeod, Sibley	4,367	5.9%	18,958	25.6%	14,106	19.1%	12,365	74,042
CHB - Mahnomen, Norman, Polk	3,067	7.0%	12,035	27.7%	7,983	18.3%	7,387	43,523
CHB - Morrison, Todd, Wadena	4,622	6.5%	18,603	26.0%	14,678	20.5%	11,178	71,524

**Table 3. Selected Population Age Groups<sup>1</sup>, Minnesota Residents, 2018.**

	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
<b>Metro CHBs<sup>2</sup></b>								
CHB - Bloomington	4,832	5.7%	18,240	21.4%	16,419	19.2%	15,500	85,394
CHB - Edina	2,973	5.8%	12,740	24.9%	10,999	21.5%	7,763	51,136
CHB - Minneapolis	28,052	6.7%	98,444	23.7%	39,650	9.5%	105,505	416,021
CHB - Richfield	2,249	6.3%	8,260	23.0%	5,489	15.3%	7,597	35,982
CHB - St. Paul	22,500	7.4%	85,565	28.3%	30,565	10.1%	70,417	302,760

<sup>1</sup> 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, 2018.**

	Population <sup>1</sup>	Land area in square miles <sup>2</sup>	Population per square mile
<b>State of Minnesota</b>	5,611,179	79,627	70
Aitkin	15,902	1,822	9
Anoka	353,813	423	836
Becker	34,371	1,315	26
Beltrami	46,847	2,505	19
Benton	40,545	408	99
Big Stone	4,989	499	10
Blue Earth	67,427	748	90
Brown	25,111	611	41
Carlton	35,837	861	42
Carver	103,551	354	292
Cass	29,519	2,022	15
Chippewa	11,924	581	21
Chisago	55,922	415	135
Clay	63,955	1,045	61
Clearwater	8,810	999	9
Cook	5,393	1,452	4
Cottonwood	11,277	639	18
Crow Wing	64,889	999	65
Dakota	425,423	562	757
Dodge	20,822	439	47
Douglas	37,964	637	60
Faribault	13,758	712	19
Fillmore	21,058	861	24
Freeborn	30,444	707	43
Goodhue	46,403	757	61
Grant	6,021	548	11
Hennepin	1,259,428	554	2,275
Houston	18,578	552	34
Hubbard	21,332	926	23
Isanti	39,966	436	92
Itasca	45,108	2,668	17
Jackson	9,911	703	14
Kanabec	16,207	522	31
Kandiyohi	42,855	797	54
Kittson	4,248	1,099	4
Koochiching	12,440	3,104	4
Lac Qui Parle	6,658	765	9
Lake	10,658	2,109	5
Lake of the Woods	3,758	1,298	3
Le Sueur	28,494	449	63
Lincoln	5,673	537	11
Lyon	25,629	715	36
McLeod	35,873	491	73
Mahnomen	5,519	558	10

**Table 4. Population per Square Mile by State/County/CHB, Minnesota, 2018.**

	Population <sup>1</sup>	Land area in square miles <sup>2</sup>	Population per square mile
<b>State of Minnesota</b>	5,611,179	79,627	70
Marshall	9,390	1,775	5
Martin	19,785	712	28
Meeker	23,141	608	38
Mille Lacs	26,139	572	46
Morrison	33,169	1,125	29
Mower	40,011	711	56
Murray	8,276	705	12
Nicollet	34,220	448	76
Nobles	21,924	715	31
Norman	6,475	873	7
Olmsted	156,277	653	239
Otter Tail	58,812	1,972	30
Pennington	14,178	617	23
Pine	29,483	1,411	21
Pipestone	9,047	465	19
Polk	31,529	1,971	16
Pope	11,097	670	17
Ramsey	550,210	152	3,615
Red Lake	3,999	432	9
Redwood	15,249	879	17
Renville	14,612	983	15
Rice	66,523	496	134
Rock	9,414	482	20
Roseau	15,150	1,672	9
St. Louis	199,754	6,247	32
Scott	147,381	356	413
Sherburne	96,036	433	222
Sibley	15,028	589	26
Stearns	159,256	1,343	119
Steele	36,803	430	86
Stevens	9,753	564	17
Swift	9,345	742	13
Todd	24,582	945	26
Traverse	3,308	574	6
Wabasha	21,645	523	41
Wadena	13,773	536	26
Waseca	18,691	423	44
Washington	259,201	384	675
Watonwan	10,980	435	25
Wilkin	6,254	751	8
Winona	50,825	626	81
Wright	136,349	661	206
Yellow Medicine	9,795	759	13



**Table 4. Population per Square Mile by State/County/CHB, Minnesota, 2018.**

	Population <sup>1</sup>	Land area in square miles <sup>2</sup>	Population per square mile
<b>State of Minnesota</b>	5,611,179	79,627	70
CHB - Aitkin, Itasca, Koochiching	73,450	7,593	10
CHB - Clearwater, Hubbard, Lake of the Woods	33,900	3,222	11
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	42,711	3,346	13
CHB - Brown, Nicollet	59,331	1,060	56
CHB - Carlton, Cook, Lake, St. Louis	251,642	10,670	24
CHB - Cottonwood, Jackson	21,188	1,342	16
CHB - Clay, Wilkin, Becker, Otter Tail	163,392	5,084	32
CHB - Douglas, Grant, Pope, Stevens, Traverse	68,143	2,993	23
CHB - Dodge, Steele	57,625	869	66
CHB - Fillmore, Houston	39,636	1,413	28
CHB - Faribault, Martin	33,543	1,425	24
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	46,965	5,594	8
CHB - Kandiyohi, Renville	57,467	1,780	32
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	73,288	3,782	19
CHB - LeSueur, Waseca	47,185	872	54
CHB - Meeker, McLeod, Sibley	74,042	1,688	44
CHB - Mahnomen, Norman, Polk	43,523	3,402	13
CHB - Morrison, Todd, Wadena	71,524	2,606	27
<b>Metro CHBs</b>			
CHB - Bloomington	85,394	35	2,462
CHB - Edina	51,136	15	3,310
CHB - Minneapolis	416,021	54	7,708
CHB - Richfield	35,982	7	5,238
CHB - St. Paul	302,760	52	5,825

<sup>1</sup> Annual Estimates of the Resident Population for the United States, States, Counties: April 1, 2010 to July 1, 2018. Source: U.S. Census Bureau [<https://data.census.gov>].

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

**Table 5. Selected Minnesota Socioeconomic Statistics by State/County/CHB, 2018.**

	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
<b>State of Minnesota</b>	7.0%	24.6%	71.6%	25.9%	55.4%
Aitkin	9.0%	36.0%	82.3%	35.3%	49.1%
Anoka	6.1%	18.3%	80.2%	25.1%	42.4%
Becker	7.4%	30.9%	78.8%	24.7%	55.8%
Beltrami	8.7%	40.2%	67.2%	42.4%	45.2%
Benton	7.6%	30.4%	66.9%	29.8%	46.4%
Big Stone	9.8%	30.2%	73.0%	23.4%	75.2%
Blue Earth	5.9%	35.2%	61.9%	30.4%	56.9%
Brown	7.4%	25.8%	77.7%	26.4%	74.6%
Carlton	5.9%	27.9%	80.3%	29.1%	59.1%
Carver	3.6%	11.0%	81.5%	14.1%	28.8%
Cass	8.3%	35.0%	81.7%	35.7%	41.9%
Chippewa	9.3%	32.3%	67.3%	21.9%	78.3%
Chisago	5.7%	17.1%	85.9%	20.9%	38.1%
Clay	5.1%	25.7%	68.5%	21.1%	54.9%
Clearwater	14.3%	39.2%	79.6%	28.6%	53.5%
Cook	3.4%	30.6%	74.8%	27.3%	45.9%
Cottonwood	9.6%	32.2%	78.2%	21.3%	82.4%
Crow Wing	6.3%	28.9%	75.8%	28.4%	44.7%
Dakota	5.1%	17.3%	74.3%	24.7%	37.2%
Dodge	5.2%	21.1%	82.4%	28.3%	56.5%
Douglas	5.0%	24.9%	74.2%	21.9%	47.5%
Faribault	8.4%	29.6%	76.7%	27.7%	86.9%
Fillmore	8.7%	27.8%	80.4%	18.2%	65.8%
Freeborn	10.1%	31.9%	75.4%	36.1%	78.3%
Goodhue	5.7%	22.9%	75.0%	25.7%	60.1%
Grant	6.4%	30.9%	79.6%	25.2%	65.3%
Hennepin	6.8%	24.3%	62.4%	26.5%	64.0%
Houston	5.4%	21.2%	80.0%	21.4%	60.9%
Hubbard	7.1%	30.2%	81.9%	28.6%	43.0%
Isanti	8.3%	21.8%	81.9%	26.7%	41.7%
Itasca	6.4%	33.6%	79.9%	24.9%	53.8%

**Table 5. Selected Minnesota Socioeconomic Statistics by State/County/CHB, 2018.**

	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
<b>State of Minnesota</b>	7.0%	24.6%	71.6%	25.9%	55.4%
Jackson	6.9%	27.5%	78.1%	21.4%	77.9%
Kanabec	9.6%	31.5%	83.1%	29.5%	52.5%
Kandiyohi	11.5%	31.4%	74.0%	28.3%	59.9%
Kittson	6.0%	30.5%	80.2%	28.1%	76.1%
Koochiching	7.7%	34.7%	77.2%	43.4%	65.0%
Lac Qui Parle	7.3%	29.4%	80.5%	24.7%	82.4%
Lake	4.0%	25.5%	80.9%	30.2%	62.7%
Lake of the Woods	8.4%	27.3%	81.3%	35.5%	45.2%
Le Sueur	7.2%	24.5%	81.1%	24.5%	57.8%
Lincoln	8.7%	29.2%	78.5%	17.2%	77.7%
Lyon	8.0%	31.8%	68.2%	29.1%	65.6%
McLeod	7.0%	26.5%	76.5%	50.7%	59.0%
Mahnomen	13.1%	47.6%	69.8%	20.5%	59.7%
Marshall	11.4%	25.0%	81.8%	32.0%	72.9%
Martin	7.3%	29.8%	73.2%	27.9%	80.5%
Meeker	7.4%	24.5%	79.2%	21.8%	61.2%
Mille Lacs	10.2%	34.0%	75.0%	36.1%	50.6%
Morrison	9.9%	30.4%	78.0%	25.5%	53.2%
Mower	13.1%	32.5%	73.6%	31.3%	76.2%
Murray	9.6%	24.9%	81.6%	21.2%	71.3%
Nicollet	5.8%	21.9%	73.5%	26.3%	55.0%
Nobles	22.2%	38.7%	71.3%	35.7%	76.5%
Norman	8.7%	31.2%	80.8%	17.8%	78.2%
Olmsted	5.6%	21.1%	73.1%	23.7%	44.1%
Otter Tail	7.7%	27.7%	78.8%	22.6%	53.6%
Pennington	7.5%	26.6%	74.1%	38.1%	68.2%
Pine	10.4%	34.2%	79.7%	27.9%	42.3%
Pipestone	12.4%	33.4%	74.0%	17.0%	77.4%
Polk	8.1%	28.4%	73.4%	29.5%	66.3%
Pope	6.5%	24.3%	78.0%	19.6%	62.0%

**Table 5. Selected Minnesota Socioeconomic Statistics by State/County/CHB, 2018.**

	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
<b>State of Minnesota</b>	7.0%	24.6%	71.6%	25.9%	55.4%
Ramsey	9.9%	31.9%	59.3%	33.3%	72.1%
Red Lake	6.6%	26.5%	83.9%	25.6%	68.8%
Redwood	9.2%	31.8%	78.0%	28.6%	78.4%
Renville	10.8%	28.2%	78.9%	24.6%	78.2%
Rice	9.5%	26.5%	74.5%	26.9%	53.8%
Rock	8.2%	25.7%	74.5%	14.6%	74.7%
Roseau	7.3%	27.5%	79.8%	25.2%	50.3%
St. Louis	5.8%	31.9%	82.3%	15.3%	25.0%
Scott	5.2%	14.7%	82.6%	21.9%	30.0%
Sherburne	5.5%	17.4%	79.0%	20.7%	69.8%
Sibley	9.1%	25.1%	70.9%	30.9%	72.5%
Stearns	8.0%	29.4%	69.0%	27.2%	47.0%
Steele	8.4%	26.2%	75.5%	24.7%	63.6%
Stevens	6.8%	30.3%	67.6%	13.0%	66.8%
Swift	10.3%	31.8%	69.7%	33.2%	79.7%
Todd	13.0%	34.1%	81.9%	17.5%	60.0%
Traverse	8.0%	28.9%	79.8%	18.6%	76.6%
Wabasha	7.8%	19.5%	80.9%	19.6%	57.4%
Wadena	9.6%	39.5%	77.6%	29.4%	64.0%
Waseca	6.9%	28.0%	78.7%	23.2%	69.5%
Washington	4.0%	13.9%	81.6%	21.8%	35.3%
Watonwan	16.6%	33.0%	75.8%	33.0%	77.8%
Wilkin	6.1%	28.1%	79.2%	28.1%	68.7%
Winona	7.0%	30.1%	69.8%	21.7%	63.4%
Wright	5.5%	15.3%	81.7%	17.4%	35.0%
Yellow Medicine	8.7%	30.3%	78.0%	29.1%	81.1%

**Table 5. Selected Minnesota Socioeconomic Statistics by State/County/CHB, 2018.**

	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
<b>State of Minnesota</b>	7.0%	24.6%	71.6%	25.9%	55.4%
CHB - Aitkin, Itasca, Koochiching	7.2%	34.3%	80.0%	30.1%	54.0%
CHB - Clearwater, Hubbard, Lake of the Woods	9.1%	32.2%	81.3%	29.3%	45.5%
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	9.1%	31.0%	73.1%	26.7%	79.4%
CHB - Brown, Nicollet	6.5%	23.6%	75.4%	26.3%	64.1%
CHB - Carlton, Cook, Lake, St. Louis	5.7%	31.1%	81.5%	18.1%	37.0%
CHB - Cottonwood, Jackson	8.3%	30.0%	78.1%	21.3%	80.2%
CHB - Clay, Wilkin, Becker, Otter Tail	6.6%	27.7%	75.0%	22.6%	55.1%
CHB - Douglas, Grant, Pope, Stevens, Traverse	5.7%	26.3%	74.8%	20.4%	55.5%
CHB - Dodge, Steele	7.3%	24.3%	77.9%	26.0%	61.2%
CHB - Fillmore, Houston	7.1%	24.6%	80.2%	19.6%	63.5%
CHB - Faribault, Martin	7.7%	29.7%	74.6%	27.8%	67.6%
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	8.0%	26.9%	78.8%	30.8%	68.5%
CHB - Kandiyohi, Renville	11.3%	30.6%	75.3%	27.4%	64.9%
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	9.1%	30.2%	74.2%	23.9%	72.7%
CHB - LeSueur, Waseca	7.1%	25.9%	80.1%	24.0%	62.3%
CHB - Meeker, McLeod, Sibley	7.6%	25.6%	72.4%	30.4%	71.2%
CHB - Mahnomen, Norman, Polk	8.8%	31.3%	74.2%	26.2%	69.4%
CHB - Morrison, Todd, Wadena	10.9%	33.4%	79.3%	23.6%	57.8%

**Table 5. Selected Minnesota Socioeconomic Statistics by State/County/CHB, 2018.**

	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
<b>State of Minnesota</b>	7.0%	24.6%	71.6%	25.9%	55.4%
<b>Metro CHBs</b>					
CHB - Bloomington	7.3%	18.6%	67.1%	24.1%	71.3%
CHB - Edina	1.8%	12.1%	72.0%	12.3%	72.9%
CHB - Minneapolis	10.3%	37.4%	47.3%	36.9%	78.5%
CHB - Richfield	10.6%	25.7%	60.0%	21.4%	80.4%
CHB - St. Paul	13.7%	40.7%	49.8%	37.9%	81.3%

**Source:** American Community Survey, 5-year estimates 2014-2018 from: US Census Bureau [<https://data.census.gov/>]; tables S1501, S1701, B25008, B09002, B25034.

**Table 6. MinnesotaCare Average Monthly Eligibles by State/County/CHB, 2018.**

	Families with Children	Adults with No Children	Total
<b>State of Minnesota</b>	<b>39,641</b>	<b>40,385</b>	<b>80,026</b>
Aitkin	170	230	400
Anoka	2,712	2,433	5,145
Becker	292	249	541
Beltrami	380	368	748
Benton	276	244	520
Big Stone	57	55	112
Blue Earth	382	418	800
Brown	148	157	305
Carlton	190	263	453
Carver	458	421	879
Cass	293	364	657
Chippewa	119	96	215
Chisago	336	395	731
Clay	406	346	752
Clearwater	75	96	171
Cook	59	105	164
Cottonwood	105	66	171
Crow Wing	534	663	1,197
Dakota	2,998	2,577	5,575
Dodge	127	97	224
Douglas	271	333	604
Faribault	120	134	254
Fillmore	173	148	321
Freeborn	242	269	511
Goodhue	223	297	520
Grant	63	61	124
Hennepin	8,892	10,008	18,900
Houston	75	103	178
Hubbard	203	222	425
Isanti	334	261	595
Itasca	392	456	848
Jackson	54	74	128
Kanabec	148	171	319
Kandiyohi	357	307	664
Kittson	37	43	80
Koochiching	113	142	255
Lac Qui Parle	56	67	123
Lake	53	115	168
Lake of the Woods	36	56	92
Le Sueur	176	156	332
Lincoln	42	51	93
Lyon	186	200	386
McLeod	243	226	469
Mahnomen	58	40	98

**Table 6. MinnesotaCare Average Monthly Eligibles by State/County/CHB, 2018.**

	Families with Children	Adults with No Children	Total
<b>State of Minnesota</b>	39,641	40,385	80,026
Marshall	83	59	142
Martin	137	150	287
Meeker	177	157	334
Mille Lacs	227	233	460
Morrison	298	305	603
Mower	211	251	462
Murray	69	74	143
Nicollet	160	154	314
Nobles	131	115	246
Norman	63	55	118
Olmsted	861	906	1,767
Otter Tail	463	531	994
Pennington	73	86	159
Pine	201	315	516
Pipestone	71	54	125
Polk	220	174	394
Pope	83	100	183
Ramsey	5,007	4,817	9,824
Red Lake	23	25	48
Redwood	107	119	226
Renville	136	122	258
Rice	328	369	697
Rock	66	45	111
Roseau	71	116	187
St. Louis	1,069	1,603	2,672
Scott	1,020	780	1,800
Sherburne	673	483	1,156
Sibley	114	81	195
Stearns	1,056	1,095	2,151
Steele	229	201	430
Stevens	55	47	102
Swift	76	70	146
Todd	198	209	407
Traverse	33	26	59
Wabasha	106	135	241
Wadena	107	137	244
Waseca	154	126	280
Washington	1,464	1,283	2,747
Watonwan	87	70	157
Wilkin	42	33	75
Winona	233	291	524
Wright	901	710	1,611
Yellow Medicine	94	90	184



**Table 6. MinnesotaCare Average Monthly Eligibles by State/County/CHB, 2018.**

	Families with Children	Adults with No Children	Total
<b>State of Minnesota</b>	39,641	40,385	80,026
CHB - Aitkin, Itasca, Koochiching	675	828	1,503
CHB - Clearwater, Hubbard, Lake of the Woods	314	374	688
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	402	378	780
CHB - Brown, Nicollet	308	311	619
CHB - Carlton, Cook, Lake, St. Louis	1,371	2,086	3,457
CHB - Cottonwood, Jackson	159	140	299
CHB - Clay, Wilkin, Becker, Otter Tail	1,203	1,159	2,362
CHB - Douglas, Grant, Pope, Stevens, Traverse	505	567	1,072
CHB - Dodge, Steele	356	298	654
CHB - Fillmore, Houston	248	251	499
CHB - Faribault, Martin	203	193	396
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	262	310	572
CHB - Kandiyohi, Renville	493	429	922
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	541	543	1,084
CHB - LeSueur, Waseca	330	282	612
CHB - Meeker, McLeod, Sibley	428	388	816
CHB - Mahnomen, Norman, Polk	526	455	981
CHB - Morrison, Todd, Wadena	603	651	1,254
<b>Metro CHBs<sup>1</sup></b>			
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

<sup>1</sup> Data not available at the City level. Data can be requested at the zip code level to proxy cities: [dhs.reportsandforecasts@state.mn.us](mailto: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, 2018.**

	All Families and Children	Adults with No Children	Elderly	Disabled	Total <sup>1</sup>
<b>State of Minnesota</b>	712,919	210,672	64,507	114,564	1,102,662
Aitkin	2,293	802	325	411	3,831
Anoka	41,365	10,970	2,724	5,885	60,944
Becker	5,817	1,489	450	648	8,404
Beltrami	10,054	2,719	660	1,234	14,667
Benton	5,829	1,576	412	947	8,764
Big Stone	686	197	146	154	1,183
Blue Earth	7,550	2,474	667	1,458	12,149
Brown	2,925	647	345	507	4,424
Carlton	4,461	1,439	509	771	7,180
Carver	6,611	1,845	510	1,066	10,032
Cass	5,723	1,802	436	706	8,667
Chippewa	2,187	397	210	251	3,045
Chisago	5,669	1,722	378	855	8,624
Clay	9,161	2,296	707	1,633	13,797
Clearwater	1,471	390	144	168	2,173
Cook	674	299	73	59	1,105
Cottonwood	2,059	425	200	297	2,981
Crow Wing	10,002	2,906	828	1,284	15,020
Dakota	44,154	11,792	3,039	6,632	65,617
Dodge	0	0	0	0	0
Douglas	4,120	1,113	429	780	6,442
Faribault	2,338	642	247	363	3,590
Fillmore	2,610	678	331	330	3,949
Freeborn	4,845	1,069	465	729	7,108
Goodhue	4,434	1,215	487	781	6,917
Grant	965	221	88	116	1,390
Hennepin	154,139	57,362	16,240	29,067	256,808
Houston	1,796	547	214	310	2,867
Hubbard	3,558	843	308	514	5,223
Isanti	5,372	1,470	314	700	7,856
Itasca	6,728	2,163	748	1,279	10,918
Jackson	1,321	350	123	197	1,991
Kanabec	2,624	840	240	416	4,120
Kandiyohi	8,455	1,752	524	999	11,730
Kittson	584	129	94	88	895
Koochiching	1,715	654	268	370	3,007
Lac Qui Parle	858	211	151	166	1,386
Lake	1,082	411	154	186	1,833
Lake of the Woods	557	175	57	93	882
Le Sueur	3,216	697	222	487	4,622
Lincoln	755	183	115	97	1,150
Lyon	4,341	837	339	553	6,070
McLeod	4,308	934	399	613	6,254
Mahnomen	1,477	473	87	105	2,142

**Table 7. Medical Assistance, Avg Monthly Eligibles by State/County/CHB, 2018.**

	All Families and Children	Adults with No Children	Elderly	Disabled	Total <sup>1</sup>
<b>State of Minnesota</b>	712,919	210,672	64,507	114,564	1,102,662
Marshall	1,064	277	138	175	1,654
Martin	3,122	793	315	568	4,798
Meeker	3,057	708	299	426	4,490
Mille Lacs	4,661	1,392	392	620	7,065
Morrison	5,035	1,413	572	724	7,744
Mower	7,006	1,441	637	1,070	10,154
Murray	1,072	227	113	132	1,544
Nicollet	3,752	897	278	530	5,457
Nobles	4,383	505	272	409	5,569
Norman	1,223	264	131	164	1,782
Olmsted	16,994	4,760	1,595	2,627	25,976
Otter Tail	8,585	2,107	917	1,159	12,768
Pennington	1,416	405	235	282	2,338
Pine	4,129	1,302	429	676	6,536
Pipestone	1,555	248	172	194	2,169
Polk	5,219	1,465	563	808	8,055
Pope	1,458	342	203	252	2,255
Ramsey	96,686	29,093	8,742	15,411	149,932
Red Lake	548	139	68	64	819
Redwood	2,365	465	206	293	3,329
Renville	2,599	575	180	293	3,647
Rice	8,526	1,860	605	974	11,965
Rock	1,182	250	119	173	1,724
Roseau	1,741	420	210	215	2,586
St. Louis	23,393	9,909	3,099	6,072	42,473
Scott	13,361	3,221	917	1,641	19,140
Sherburne	10,360	2,248	496	1,240	14,344
Sibley	2,075	504	197	276	3,052
Stearns	22,268	5,800	1,449	3,114	32,631
Steele	10,415	2,262	847	1,412	14,936
Stevens	960	237	114	151	1,462
Swift	1,504	322	193	245	2,264
Todd	4,109	959	468	555	6,091
Traverse	562	113	88	99	862
Wabasha	2,271	652	256	338	3,517
Wadena	2,668	715	279	483	4,145
Waseca	0	0	0	0	0
Washington	19,421	5,858	1,470	2,937	29,686
Watonwan	1,763	311	148	220	2,442
Wilkin	957	214	121	152	1,444
Winona	4,537	1,555	590	1,150	7,832
Wright	12,590	2,974	804	1,711	18,079
Yellow Medicine	1,438	314	173	224	2,149

**Table 7. Medical Assistance, Avg Monthly Eligibles by State/County/CHB, 2018.**

	All Families and Children	Adults with No Children	Elderly	Disabled	Total <sup>1</sup>
<b>State of Minnesota</b>	712,919	210,672	64,507	114,564	1,102,662
CHB - Aitkin, Itasca, Koochiching	10,736	3,619	1,341	2,060	17,756
CHB - Clearwater, Hubbard, Lake of the Woods	5,586	1,408	509	775	8,278
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	6,673	1,441	873	1,040	10,027
CHB - Brown, Nicollet	6,677	1,544	623	1,037	9,881
CHB - Carlton, Cook, Lake, St. Louis	29,610	12,058	3,835	7,088	52,591
CHB - Cottonwood, Jackson	3,380	775	323	494	4,972
CHB - Clay, Wilkin, Becker, Otter Tail	24,520	6,106	2,195	3,592	36,413
CHB - Douglas, Grant, Pope, Stevens, Traverse	8,065	2,026	922	1,398	12,411
CHB - Dodge, Steele	10,415	2,262	847	1,412	14,936
CHB - Fillmore, Houston	4,406	1,225	545	640	6,816
CHB - Faribault, Martin	3,402	919	385	538	5,244
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	5,766	1,566	694	754	8,780
CHB - Kandiyohi, Renville	11,054	2,327	704	1,292	15,377
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	11,270	2,210	1,064	1,442	15,986
CHB - LeSueur, Waseca	3,216	697	222	487	4,622
CHB - Meeker, McLeod, Sibley	8,254	2,005	811	1,270	12,340
CHB - Mahnomen, Norman, Polk	10,750	2,663	1,093	1,585	16,091
CHB - Morrison, Todd, Wadena	11,812	3,087	1,319	1,762	17,980
<b>Metro CHBs<sup>1</sup></b>					
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

<sup>1</sup> 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 Enrollment<sup>1</sup> by Race/Ethnicity, 2018-19 School Year.**

State/County/CHB	Non-Hispanic Single Race Reported*					Hispanic	Total
	White	African American	American Indian	Asian/Pacific Islander	Multiple Races*		
<b>State of Minnesota</b>	<b>583,773</b>	<b>98,931</b>	<b>14,836</b>	<b>61,656</b>	<b>43,944</b>	<b>84,666</b>	<b>887,806</b>
Aitkin	1,696	16	146	7	60	29	1,954
Anoka	37,787	7,178	403	3,337	3,092	4,783	56,580
Becker	3,767	39	680	34	443	117	5,080
Beltrami	4,691	83	2,834	45	479	142	8,274
Benton	5,967	371	35	77	273	234	6,957
Big Stone	783	5	4	2	18	33	845
Blue Earth	7,042	878	35	155	330	496	8,936
Brown	3,059	35	5	18	45	419	3,581
Carlton	5,374	33	414	35	516	106	6,478
Carver	15,434	611	45	541	755	1,326	18,712
Cass	2,868	22	1,320	13	211	92	4,526
Chippewa	1,555	29	24	21	72	363	2,064
Chisago	6,723	66	32	126	204	213	7,364
Clay	8,499	737	269	85	588	759	10,937
Clearwater	1,084	16	252	8	110	18	1,488
Cook	490	1	90	6	37	31	655
Cottonwood	1,219	34	0	131	80	328	1,792
Crow Wing	9,211	125	155	50	299	131	9,971
Dakota	47,904	7,845	337	4,557	4,501	9,199	74,343
Dodge	3,455	29	6	13	101	378	3,982
Douglas	5,322	43	15	43	141	197	5,761
Faribault	1,660	21	3	8	41	287	2,020
Fillmore	2,825	20	3	11	68	57	2,984
Freeborn	2,989	136	9	263	132	826	4,355
Goodhue	6,521	191	120	73	297	448	7,650
Grant	973	8	1	0	28	32	1,042
Hennepin	86,039	41,621	1,888	17,959	10,202	22,671	180,380
Houston	3,599	190	31	51	214	178	4,263
Hubbard	2,272	21	102	3	160	145	2,703
Isanti	5,540	63	25	86	283	176	6,173
Itasca	5,571	53	544	22	548	151	6,889

**Table 8. Pre-Kindergarten to 12th Grade Enrollment<sup>1</sup> by Race/Ethnicity, 2018-19 School Year.**

State/County/CHB	Non-Hispanic Single Race Reported*					Hispanic	Total
	White	African American	American Indian	Asian/Pacific Islander	Multiple Races*		
<b>State of Minnesota</b>	<b>583,773</b>	<b>98,931</b>	<b>14,836</b>	<b>61,656</b>	<b>43,944</b>	<b>84,666</b>	<b>887,806</b>
Jackson	1,274	23	4	29	50	100	1,480
Kanabec	2,000	17	17	8	60	51	2,153
Kandiyohi	3,736	906	25	141	81	1,769	6,658
Kittson	553	3	0	3	8	25	592
Koochiching	1,425	14	142	5	33	21	1,640
Lac Qui Parle	975	6	5	47	37	83	1,153
Lake	1,327	9	12	9	22	12	1,391
Lake of the Woods	419	10	14	4	29	11	487
Le Sueur	2,951	49	19	13	100	545	3,677
Lincoln	531	1	0	0	13	42	587
Lyon	3,499	248	18	389	143	571	4,868
McLeod	4,644	51	15	43	153	699	5,605
Mahnomen	163	2	713	1	204	23	1,106
Marshall	1,243	3	0	2	38	116	1,402
Martin	2,598	30	15	25	99	291	3,058
Meeker	2,701	23	9	7	52	224	3,016
Mille Lacs	5,558	52	386	33	246	170	6,445
Morrison	5,274	98	45	25	168	157	5,767
Mower	3,909	471	16	532	229	1,613	6,770
Murray	987	7	6	25	9	59	1,093
Nicollet	3,835	433	9	74	178	501	5,030
Nobles	2,026	248	15	355	149	2,169	4,962
Norman	832	4	14	2	82	116	1,050
Olmsted	16,271	3,126	99	1,852	1,244	2,023	24,615
Otter Tail	6,799	287	56	72	279	589	8,082
Pennington	1,900	36	65	24	101	144	2,270
Pine	3,229	44	223	17	152	120	3,785
Pipestone	1,444	42	16	12	81	264	1,859
Polk	4,045	259	98	15	228	584	5,229
Pope	1,288	12	6	20	38	31	1,395

**Table 8. Pre-Kindergarten to 12th Grade Enrollment<sup>1</sup> by Race/Ethnicity, 2018-19 School Year.**

State/County/CHB	Non-Hispanic Single Race Reported*					Hispanic	Total
	White	African American	American Indian	Asian/Pacific Islander	Multiple Races*		
<b>State of Minnesota</b>	<b>583,773</b>	<b>98,931</b>	<b>14,836</b>	<b>61,656</b>	<b>43,944</b>	<b>84,666</b>	<b>887,806</b>
Ramsey	32,038	18,565	722	22,405	5,293	11,005	90,028
Red Lake	690	4	10	0	27	39	770
Redwood	1,955	18	335	78	73	111	2,570
Renville	1,677	9	22	13	56	387	2,164
Rice	6,055	1,016	19	139	283	1,647	9,159
Rock	1,448	13	7	15	57	94	1,634
Roseau	2,310	35	74	95	127	37	2,678
St. Louis	20,723	755	792	211	1,908	589	24,978
Scott	20,055	1,828	229	1,675	1,264	2,342	27,393
Sherburne	13,612	803	57	266	738	596	16,072
Sibley	1,487	18	1	11	66	491	2,074
Stearns	17,464	4,113	85	431	872	1,548	24,513
Steele	5,388	441	7	72	180	983	7,071
Stevens	1,326	18	20	12	43	168	1,587
Swift	1,470	26	7	70	39	174	1,786
Todd	2,130	12	17	36	81	499	2,775
Traverse	396	2	101	1	23	42	565
Wabasha	3,308	38	7	20	63	265	3,701
Wadena	3,068	34	11	26	103	83	3,325
Waseca	2,700	88	11	28	81	318	3,226
Washington	33,068	3,232	182	4,023	2,576	3,145	46,226
Watonwan	896	15	6	17	12	919	1,865
Wilkin	945	12	13	4	57	60	1,091
Winona	4,244	211	19	112	246	348	5,180
Wright	24,854	576	81	319	1,008	1,179	28,017
Yellow Medicine	1,111	15	112	13	34	109	1,394

**Table 8. Pre-Kindergarten to 12th Grade Enrollment<sup>1</sup> by Race/Ethnicity, 2018-19 School Year.**

State/County/CHB	Non-Hispanic Single Race Reported*					Hispanic	Total
	White	African American	American Indian	Asian/Pacific Islander	Multiple Races*		
<b>State of Minnesota</b>	<b>583,773</b>	<b>98,931</b>	<b>14,836</b>	<b>61,656</b>	<b>43,944</b>	<b>84,666</b>	<b>887,806</b>
CHB - Aitkin, Itasca, Koochiching	8,692	83	832	34	641	201	10,483
CHB - Clearwater, Hubbard, Lake of the Woods	3,775	47	368	15	299	174	4,678
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	5,894	81	152	153	200	762	7,242
CHB - Brown, Nicollet	6,894	468	14	92	223	920	8,611
CHB - Carlton, Cook, Lake, St. Louis	27,914	798	1,308	261	2,483	738	33,502
CHB - Cottonwood, Jackson	2,493	57	4	160	130	428	3,272
CHB - Clay, Wilkin, Becker, Otter Tail	20,010	1,075	1,018	195	1,367	1,525	25,190
CHB - Douglas, Grant, Pope, Stevens, Traverse	9,305	83	143	76	273	470	10,350
CHB - Dodge, Steele	8,843	470	13	85	281	1,361	11,053
CHB - Fillmore, Houston	6,424	210	34	62	282	235	7,247
CHB - Faribault, Martin	4,258	51	18	33	140	578	5,078
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	6,696	81	149	124	301	361	7,712
CHB - Kandiyohi, Renville	5,413	915	47	154	137	2,156	8,822
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	9,864	329	382	519	376	1,141	12,611
CHB - LeSueur, Waseca	5,651	137	30	41	181	863	6,903
CHB - Meeker, McLeod, Sibley	8,832	92	25	61	271	1,414	10,695
CHB - Mahnommen, Norman, Polk	5,040	265	825	18	514	723	7,385
CHB - Morrison, Todd, Wadena	10,472	144	73	87	352	739	11,867



**Table 8. Pre-Kindergarten to 12th Grade Enrollment<sup>1</sup> by Race/Ethnicity, 2018-19 School Year.**

State/County/CHB	Non-Hispanic Single Race Reported*					Multiple Races*	Hispanic	Total
	White	African American	American Indian	Asian/Pacific Islander				
<b>State of Minnesota</b>	<b>583,773</b>	<b>98,931</b>	<b>14,836</b>	<b>61,656</b>	<b>43,944</b>	<b>84,666</b>	<b>887,806</b>	
<b>Metro CHBs<sup>2</sup></b>								
CHB - Bloomington Public School District	5,142	1,897	56	764	739	2,043	10,641	
CHB - Edina Public School District	6,226	538	6	861	415	464	8,510	
CHB - Minneapolis Public School District	12,578	12,560	1,070	1,826	1,364	6,182	35,580	
CHB - Richfield Public School District	1,238	627	35	265	396	1,758	4,319	
CHB - St. Paul Public School District	7,681	9,813	377	11,509	2,294	5,214	36,888	

<sup>1</sup> 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.

<sup>2</sup> 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, 2018.**

State/County/CHB	Child	Total		Family Assessment				
	Population <sup>1</sup> ages 0-17	Unique Child	Rate per 1,000	Medical Neglect	Neglect	Sexual Abuse	Mental Injury	Physical Abuse
<b>State of Minnesota</b>	<b>1,298,657</b>	<b>38,872</b>	<b>29.9</b>	<b>1</b>	<b>23,623</b>	<b>5,549</b>	<b>1,353</b>	<b>11,569</b>
Aitkin	2,654	128	48.2	0	91	17	0	22
Anoka	84,276	1,492	17.7	0	894	212	15	466
Becker	8,350	291	34.9	0	196	54	12	86
Beltrami	11,777	589	50.0	0	449	54	25	99
Benton	10,159	214	21.1	0	132	24	7	61
Big Stone	1,056	40	37.9	0	24	5	0	11
Blue Earth	13,265	422	31.8	0	299	44	0	83
Brown	5,567	245	44.0	0	166	20	31	63
Carlton	8,017	350	43.7	0	235	57	35	106
Carver	27,643	468	16.9	0	263	54	40	121
Cass	6,297	288	45.7	0	181	25	30	69
Chippewa	2,832	115	40.6	0	70	16	1	22
Chisago	12,745	323	25.3	0	204	31	9	87
Clay	15,517	402	25.9	0	267	67	4	72
Clearwater	2,200	134	60.9	0	95	17	18	29
Cook	858	43	50.1	0	35	4	1	5
Cottonwood	Only reported as Des Moines Valley (see below)							
Crow Wing	14,059	357	25.4	0	183	70	20	118
Dakota	103,532	2,205	21.3	0	1,476	254	6	590
Dodge	Only reported as MN Prairie (see below)							
Douglas	8,045	361	44.9	0	223	47	54	119
Faribault	Only reported as Faribault-Martin (see below)							
Fillmore	5,127	121	23.6	0	60	6	2	57
Freeborn	6,701	300	44.8	0	194	21	10	117
Goodhue	10,379	208	20.0	0	128	19	2	69
Grant	1,351	107	79.2	0	80	4	16	30
Hennepin	275,532	8,294	30.1	0	4,381	1,464	203	3,050
Houston	4,052	96	23.7	0	64	11	7	28
Hubbard	4,415	502	113.7	0	337	65	76	142
Isanti	9,428	208	22.1	0	132	30	5	66

**Table 9. Child Subjects of Maltreatment, Minnesota Residents, 2018.**

State/County/CHB	Child	Total		Family Assessment				
	Population <sup>1</sup> ages 0-17	Unique Child	Rate per 1,000	Medical Neglect	Neglect	Sexual Abuse	Mental Injury	Physical Abuse
<b>State of Minnesota</b>	<b>1,298,657</b>	<b>38,872</b>	<b>29.9</b>	<b>1</b>	<b>23,623</b>	<b>5,549</b>	<b>1,353</b>	<b>11,569</b>
Itasca	9,446	481	50.9	0	330	80	11	102
Jackson	Only reported as Demoinés Valley (see below)							
Kanabec	3,424	143	41.8	0	77	16	7	43
Kandiyohi	10,417	298	28.6	0	200	45	3	79
Kittson	887	14	15.8	0	10	2	0	3
Koochiching	2,313	75	32.4	0	53	10	2	18
Lac Qui Parle	1,337	39	29.2	0	27	5	3	6
Lake	1,931	64	33.1	0	39	7	0	23
Lake of the Woods	691	14	20.3	0	4	1	1	8
Le Sueur	6,737	157	23.3	0	88	21	4	50
Lincoln	Only reported as SouthWest HHS (see below)							
Lyon	Only reported as SouthWest HHS (see below)							
McLeod	8,355	306	36.6	0	215	47	10	64
Mahnomen	1,771	38	21.5	0	18	5	3	19
Marshall	2,137	50	23.4	0	21	17	1	10
Martin	Only reported as Faribault-Martin (see below)							
Meeker	5,655	138	24.4	0	90	12	1	33
Mille Lacs	6,276	396	63.1	0	249	97	13	123
Morrison	7,790	157	20.2	0	94	29	3	26
Mower	9,848	399	40.5	0	244	58	5	139
Murray	Only reported as SouthWest HHS (see below)							
Nicollet	7,487	194	25.9	0	118	16	21	52
Nobles	5,850	150	25.6	0	61	34	4	56
Norman	1,565	62	39.6	0	36	14	4	15
Olmsted	37,946	817	21.5	0	552	94	14	220
Otter Tail	12,741	523	41.0	0	369	45	44	156
Pennington	3,264	94	28.8	1	72	9	2	17
Pine	5,815	305	52.5	0	187	40	2	111
Pipestone	Only reported as SouthWest HHS (see below)							
Polk	7,653	269	35.1	0	180	27	15	63
Pope	2,306	121	52.5	0	86	12	10	33

**Table 9. Child Subjects of Maltreatment, Minnesota Residents, 2018.**

State/County/CHB	Child	Total		Family Assessment				
	Population <sup>1</sup> ages 0-17	Unique Child	Rate per 1,000	Medical Neglect	Neglect	Sexual Abuse	Mental Injury	Physical Abuse
<b>State of Minnesota</b>	<b>1,298,657</b>	<b>38,872</b>	<b>29.9</b>	<b>1</b>	<b>23,623</b>	<b>5,549</b>	<b>1,353</b>	<b>11,569</b>
Ramsey	127,779	3,746	29.3	0	2,083	501	115	917
Red Lake	991	21	21.2	0	12	4	1	4
Redwood	Only reported as SouthWest HHS (see below)							
Renville	3,377	196	58.0	0	140	18	21	49
Rice	14,414	447	31.0	0	215	73	15	170
Rock	Only reported as SouthWest HHS (see below)							
Roseau	3,728	88	23.6	0	67	9	0	11
St. Louis	38,171	2,578	67.5	0	1,674	363	79	821
Scott	40,626	820	20.2	0	420	111	7	284
Sherburne	25,132	530	21.1	0	300	88	30	168
Sibley	3,566	159	44.6	0	95	11	4	61
Stearns	36,346	922	25.4	0	564	122	11	278
Steele	Only reported as MN Prairie (see below)							
Stevens	1,985	92	46.3	0	64	15	11	22
Swift	2,137	104	48.7	0	83	5	6	24
Todd	5,836	145	24.8	0	97	22	0	28
Traverse	682	58	85.0	0	43	5	5	20
Wabasha	4,724	141	29.8	0	78	13	8	48
Wadena	3,451	273	79.1	0	185	43	33	61
Waseca	Only reported as MN Prairie (see below)							
Washington	63,271	896	14.2	0	474	179	11	358
Watonwan	2,633	99	37.6	0	66	15	0	23
Wilkin	1,436	70	48.7	0	57	5	2	14
Winona	9,231	350	37.9	0	235	34	60	83
Wright	37,776	849	22.5	0	492	125	44	245
Yellow Medicine	2,322	100	43.1	0	71	21	3	23

**Table 9. Child Subjects of Maltreatment, Minnesota Residents, 2018.**

State/County/CHB	Child	Total		Family Assessment				
	Population <sup>1</sup> ages 0-17	Unique Child	Rate per 1,000	Medical Neglect	Neglect	Sexual Abuse	Mental Injury	Physical Abuse
<b>State of Minnesota</b>	<b>1,298,657</b>	<b>38,872</b>	<b>29.9</b>	<b>1</b>	<b>23,623</b>	<b>5,549</b>	<b>1,353</b>	<b>11,569</b>
Leech Lake Band	1,975 <sup>2</sup>	236	119.5	0	199	4	0	37
White Earth Nation	1,981 <sup>2</sup>	357	180.2	0	309	8	13	57
CHB - Aitkin, Itasca, Koochiching	14,413	684	47.5	0	474	107	13	142
CHB - Clearwater, Hubbard, Lake of the Woods	7,306	650	89.0	0	436	83	95	179
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	9,684	398	41.1	0	275	52	13	86
CHB - Brown, Nicollet	13,054	439	33.6	0	284	36	52	115
CHB - Carlton, Cook, Lake, St. Louis	48,977	3,035	62.0	0	1,983	431	115	955
CHB - Cottonwood, Jackson	4,899	199	40.6	0	149	43	8	58
CHB - Clay, Wilkin, Becker, Otter Tail	38,044	1,286	33.8	0	889	171	62	328
CHB - Douglas, Grant, Pope, Stevens, Traverse	14,369	739	51.4	0	496	83	96	224
CHB - Dodge, Steele				Only reported as MN Prairie (see below)				
CHB - Fillmore, Houston	9,179	217	23.6	0	124	17	9	85
CHB - Faribault, Martin	7,344	383	52.2	0	0	0	0	0
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	11,007	267	24.3	1	182	41	4	45
CHB - Kandiyohi, Renville	13,794	494	35.8	0	340	63	24	128
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	18,148	715	39.4	0	468	122	34	174
CHB - LeSueur, Waseca				See Le Sueur county above; Waseca is included in MN Prairie (see below)				
CHB - Meecker, McLeod, Sibley	17,576	603	34.3	0	400	70	15	158
CHB - Mahnomon, Norman, Polk	10,989	369	33.6	0	234	46	22	97
CHB - Morrison, Todd, Wadena	17,077	575	33.7	0	376	94	36	115
MN Prairie	19,213	691	36.0	0	388	109	34	218

**Table 9. Child Subjects of Maltreatment, Minnesota Residents, 2018.**

State/County/CHB	Child	Total		Family Assessment				
	Population <sup>1</sup> ages 0-17	Unique Child	Rate per 1,000	Medical Neglect	Neglect	Sexual Abuse	Mental Injury	Physical Abuse
<b>State of Minnesota</b>	<b>1,298,657</b>	<b>38,872</b>	<b>29.9</b>	<b>1</b>	<b>23,623</b>	<b>5,549</b>	<b>1,353</b>	<b>11,569</b>
<b>Metro CHBs<sup>3</sup></b>								
CHB - Bloomington	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHB - Edina	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHB - Minneapolis	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHB - Richfield	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHB - St. Paul	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

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

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

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

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

**Table 10. Children in Out-of-home Care per 1,000 in the Child Population (0-17 years old), Minnesota Residents, 2018.**

	Child Population Ages 0-17 years	Total Children < 18 years	Children <18 per 1,000
<b>State of Minnesota</b>	1,302,613	15,908	12.2
Aitkin	2,654	42	15.8
Anoka	84,276	492	5.8
Becker	8,350	179	21.4
Beltrami	11,777	1077	91.4
Benton	10,159	121	11.9
Big Stone	1,056	12	11.4
Blue Earth	13,265	162	12.2
Brown	5,567	67	12.0
Carlton	8,017	164	20.5
Carver	27,643	154	5.6
Cass	6,297	107	17.0
Chippewa	2,832	16	5.6
Chisago	12,745	144	11.3
Clay	15,517	235	15.1
Clearwater	2,200	29	13.2
Cook	858	24	28.0
Cottonwood	Only reported as Des Moines Valley (see below)		
Crow Wing	14,059	284	20.2
Dakota	103,532	516	5.0
Dodge	Only reported as MN Prairie (see below)		
Douglas	8,045	84	10.4
Faribault	Only reported as Faribault-Martin (see below)		
Fillmore	5,127	21	4.1
Freeborn	6,701	107	16.0
Goodhue	10,379	107	10.3
Grant	1,351	16	11.8
Hennepin	275,532	2947	10.7
Houston	4,052	39	9.6
Hubbard	4,415	80	18.1
Isanti	9,428	106	11.2
Itasca	9,446	268	28.4
Jackson	Only reported as Des Moines Valley (see below)		
Kanabec	3,424	43	12.6
Kandiyohi	10,417	119	11.4
Kittson	887	13	14.7
Koochiching	2,313	68	29.4
Lac Qui Parle	1,337	6	4.5
Lake	1,931	34	17.6
Lake of the Woods	691	6	8.7
Le Sueur	6,737	59	8.8
Lincoln	Only reported as SouthWest HHS (see below)		
Lyon	Only reported as SouthWest HHS (see below)		
McLeod	8,355	127	15.2
Mahnomen	1,771	19	10.7

**Table 10. Children in Out-of-home Care per 1,000 in the Child Population (0-17 years old), Minnesota Residents, 2018.**

	Child Population Ages 0-17 years	Total Children < 18 years	Children <18 per 1,000
<b>State of Minnesota</b>	1,302,613	15,908	12.2
Marshall	2,137	18	8.4
Martin	Only reported as Faribault-Martin (see below)		
Meeker	5,655	44	7.8
Mille Lacs	6,276	236	37.6
Morrison	7,790	104	13.4
Mower	9,848	85	8.6
Murray	Only reported as SouthWest HHS (see below)		
Nicollet	7,487	84	11.2
Nobles	5,850	62	10.6
Norman	1,565	17	10.9
Olmsted	37,946	181	4.8
Otter Tail	12,741	207	16.2
Pennington	3,264	49	15.0
Pine	5,815	143	24.6
Pipestone	Only reported as SouthWest HHS (see below)		
Polk	7,653	86	11.2
Pope	2,306	22	9.5
Ramsey	127,779	1665	13.0
Red Lake	991	9	9.1
Redwood	Only reported as SouthWest HHS (see below)		
Renville	3,377	46	13.6
Rice	14,414	191	13.3
Rock	Only reported as SouthWest HHS (see below)		
Roseau	3,728	22	5.9
St. Louis	38,171	1209	31.7
Scott	40,626	172	4.2
Sherburne	25,132	140	5.6
Sibley	3,566	45	12.6
Stearns	36,346	425	11.7
Steele	Only reported as MN Prairie (see below)		
Stevens	1,985	28	14.1
Swift	2,137	61	28.5
Todd	5,836	93	15.9
Traverse	682	20	29.3
Wabasha	4,724	44	9.3
Wadena	3,451	103	29.8
Waseca	Only reported as MN Prairie (see below)		
Washington	63,271	241	3.8
Watonwan	2,633	31	11.8
Wilkin	1,436	20	13.9
Winona	9,231	161	17.4
Wright	37,776	228	6.0
Yellow Medicine	2,322	39	16.8



**Table 10. Children in Out-of-home Care per 1,000 in the Child Population (0-17 years old), Minnesota Residents, 2018.**

	Child Population Ages 0-17 years	Total Children < 18 years	Children <18 per 1,000
<b>State of Minnesota</b>	1,302,613	15,908	12.2
Leech Lake Band	1,975 <sup>b</sup>	291	147.3
White Earth Band	1,981 <sup>b</sup>	466	235.2
CHB - Aitkin, Itasca, Koochiching	14,413	378	26.2
CHB - Clearwater, Hubbard, Lake of the Woods	7,306	115	15.7
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	9,684	134	13.8
CHB - Brown, Nicollet	13,054	151	11.6
CHB - Carlton, Cook, Lake, St. Louis	48,977	1,431	29.2
CHB - Cottonwood, Jackson	4,899	97	19.8
CHB - Clay, Wilkin, Becker, Otter Tail	38,044	168	4.4
CHB - Douglas, Grant, Pope, Stevens, Traverse	14,369	115	8.0
CHB - Dodge, Steele	Only reported as MN Prairie (see below)		
CHB - Fillmore, Houston	9,179	60	6.5
CHB - Faribault, Martin	7,344	134	18.2
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	11,007	217	19.7
CHB - Kandiyohi, Renville	13,794	464	33.6
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	18,148	274	15.1
CHB - LeSueur, Waseca	See Le Sueur county; Waseca is in MN Prairie (see below)		
CHB - Meeker, McLeod, Sibley	17,576	269	15.3
CHB - Mahnomon, Norman, Polk	10,989	128	11.6
CHB - Morrison, Todd, Wadena	17,077	467	27.3
MN Prairie	19,176	221	11.5

**Table 10. Children in Out-of-home Care per 1,000 in the Child Population (0-17 years old), Minnesota Residents, 2018.**

	Child Population Ages 0-17 years	Total Children < 18 years	Children <18 per 1,000
<b>State of Minnesota</b>	1,302,613	15,908	12.2
<b>Metro CHBs<sup>3</sup></b>			
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

<sup>1</sup> Population estimates come from the US Census estimates for 2017, except for Leech Lake Band of Ojibwe and White

<sup>2</sup> 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.

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

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

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

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## Nativity Tables

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**Table 1. Selected Minnesota Natality Statistics by State/County/CHB<sup>1</sup>, Minnesota Residents, 2018.**

	Number of Births	Fertility Rate <sup>2</sup>	Birth Rate <sup>3</sup>	Number of Deaths	Death Rate <sup>4</sup>	Natural Rate of Increase
<b>State of Minnesota</b>	<b>67,341</b>	<b>62.7</b>	<b>12.0</b>	<b>44,715</b>	<b>8.0</b>	<b>4.0</b>
Aitkin	122	64.0	7.7	203	12.8	-5.1
Anoka	4,241	63.9	12.0	2,240	6.3	5.7
Becker	431	76.3	12.5	359	10.4	2.1
Beltrami	641	69.4	13.7	431	9.2	4.5
Benton	558	68.6	13.8	393	9.7	4.1
Big Stone	70	101.2	14.0	76	15.2	-1.2
Blue Earth	734	45.4	10.9	516	7.7	3.2
Brown	290	67.9	11.5	295	11.7	-0.2
Carlton	358	61.4	10.0	386	10.8	-0.8
Carver	1,148	58.3	11.1	545	5.3	5.8
Cass	293	71.2	9.9	338	11.5	-1.5
Chippewa	164	87.9	13.8	167	14.0	-0.3
Chisago	599	63.3	10.7	444	7.9	2.8
Clay	820	56.6	12.8	474	7.4	5.4
Clearwater	114	83.5	12.9	85	9.6	3.3
Cook	45	60.9	8.3	49	9.1	-0.7
Cottonwood	133	77.1	11.8	136	12.1	-0.3
Crow Wing	652	63.0	10.0	724	11.2	-1.1
Dakota	5,140	63.3	12.1	2,683	6.3	5.8
Dodge	254	65.2	12.2	168	8.1	4.1
Douglas	431	72.1	11.4	441	11.6	-0.3
Faribault	156	72.9	11.3	183	13.3	-2.0
Fillmore	247	74.2	11.7	255	12.1	-0.4
Freeborn	304	62.1	10.0	373	12.3	-2.3
Goodhue	518	67.1	11.2	482	10.4	0.8
Grant	47	50.2	7.8	69	11.5	-3.7
Hennepin	15,845	60.0	12.6	8,767	7.0	5.6
Houston	183	64.2	9.9	202	10.9	-1.0
Hubbard	200	67.0	9.4	230	10.8	-1.4
Isanti	475	66.8	11.9	345	8.6	3.3
Itasca	440	65.0	9.8	550	12.2	-2.4
Jackson	98	65.0	9.9	115	11.6	-1.7
Kanabec	178	70.2	11.0	120	7.4	3.6
Kandiyohi	555	77.2	13.0	437	10.2	2.8
Kittson	53	88.5	12.5	57	13.4	-0.9
Koochiching	91	50.2	7.3	161	12.9	-5.6
Lac Qui Parle	66	70.2	9.9	97	14.6	-4.7
Lake	104	69.9	9.8	159	14.9	-5.2
Lake of the Woods	33	65.3	8.8	38	10.1	-1.3
Le Sueur	324	66.4	11.4	224	7.9	3.5
Lincoln	70	87.0	12.3	82	14.5	-2.1
Lyon	356	72.4	13.9	215	8.4	5.5
McLeod	393	63.8	11.0	324	9.0	1.9
Mahnomen	90	101.2	16.3	70	12.7	3.6

**Table 1. Selected Minnesota Natality Statistics by State/County/CHB<sup>1</sup>, Minnesota Residents, 2018.**

	Number of Births	Fertility Rate <sup>2</sup>	Birth Rate <sup>3</sup>	Number of Deaths	Death Rate <sup>4</sup>	Natural Rate of Increase
<b>State of Minnesota</b>	<b>67,341</b>	<b>62.7</b>	<b>12.0</b>	<b>44,715</b>	<b>8.0</b>	<b>4.0</b>
Marshall	81	55.5	8.6	82	8.7	-0.1
Martin	244	80.3	12.3	243	12.3	0.1
Meeker	294	79.0	12.7	240	10.4	2.3
Mille Lacs	302	69.5	11.6	296	11.3	0.2
Morrison	355	66.9	10.7	362	10.9	-0.2
Mower	539	77.5	13.5	402	10.0	3.4
Murray	81	65.0	9.8	89	10.8	-1.0
Nicollet	340	48.9	9.9	270	7.9	2.0
Nobles	386	102.8	17.6	203	9.3	8.3
Norman	81	79.4	12.5	104	16.1	-3.6
Olmsted	2,035	65.7	13.0	1,183	7.6	5.5
Otter Tail	612	71.3	10.4	691	11.7	-1.3
Pennington	167	67.2	11.8	140	9.9	1.9
Pine	225	53.7	7.6	288	9.8	-2.1
Pipestone	140	98.6	15.5	122	13.5	2.0
Polk	435	79.4	13.8	366	11.6	2.2
Pope	121	74.2	10.9	137	12.3	-1.4
Ramsey	7,513	64.0	13.7	4,392	8.0	5.7
Red Lake	43	69.1	10.8	39	9.8	1.0
Redwood	199	82.7	13.1	168	11.0	2.0
Renville	180	80.1	12.3	166	11.4	1.0
Rice	728	56.0	10.9	513	7.7	3.2
Rock	97	62.5	10.3	107	11.4	-1.1
Roseau	173	73.4	11.4	126	8.3	3.1
St. Louis	1,813	48.7	9.1	2,135	10.7	-1.6
Scott	1,717	59.2	11.7	686	4.7	7.0
Sherburne	1,210	65.7	12.6	540	5.6	7.0
Sibley	175	70.5	11.6	147	9.8	1.9
Stearns	2,057	63.6	12.9	1,121	7.0	5.9
Steele	385	60.8	10.5	319	8.7	1.8
Stevens	124	57.4	12.7	83	8.5	4.2
Swift	114	79.0	12.2	113	12.1	0.1
Todd	322	88.1	13.1	214	8.7	4.4
Traverse	40	83.2	12.1	66	20.0	-7.9
Wabasha	233	68.5	10.8	200	9.2	1.5
Wadena	180	81.3	13.1	216	15.7	-2.6
Waseca	217	58.5	11.6	183	9.8	1.8
Washington	2,732	57.6	10.5	1,707	6.6	4.0
Watonwan	168	91.7	15.3	128	11.7	3.6
Wilkin	66	68.3	10.6	89	14.2	-3.7
Winona	473	41.7	9.3	425	8.4	0.9
Wright	1,767	69.0	13.0	813	6.0	7.0
Yellow Medicine	113	74.1	11.5	93	9.5	2.0

**Table 1. Selected Minnesota Natality Statistics by State/County/CHB<sup>1</sup>, Minnesota Residents, 2018.**

	Number of Births	Fertility Rate <sup>2</sup>	Birth Rate <sup>3</sup>	Number of Deaths	Death Rate <sup>4</sup>	Natural Rate of Increase
<b>State of Minnesota</b>	<b>67,341</b>	<b>62.7</b>	<b>12.0</b>	<b>44,715</b>	<b>8.0</b>	<b>4.0</b>
CHB - Aitkin, Itasca, Koochiching	653	62.2	8.9	914	12.4	-3.6
CHB - Clearwater, Hubbard, Lake of the Woods	347	71.4	10.2	353	10.4	-0.2
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	527	81.5	12.3	546	12.8	-0.4
CHB - Brown, Nicollet	630	56.1	10.6	565	9.5	1.1
CHB - Carlton, Cook, Lake, St. Louis	2,320	51.3	9.2	2,729	10.8	-1.6
CHB - Cottonwood, Jackson	231	71.5	10.9	251	11.8	-0.9
CHB - Clay, Wilkin, Becker, Otter Tail	1,929	65.0	11.8	1,613	9.9	1.9
CHB - Douglas, Grant, Pope, Stevens, Traverse	763	68.2	11.2	796	11.7	-0.5
CHB - Dodge, Steele	639	62.5	11.1	487	8.5	2.6
CHB - Fillmore, Houston	430	69.6	10.8	457	11.5	-0.7
CHB - Faribault, Martin	400	77.2	11.9	426	12.7	-0.8
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	517	68.7	11.0	444	9.5	1.6
CHB - Kandiyohi, Renville	735	77.9	12.8	603	10.5	2.3
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	943	76.4	12.9	783	10.7	2.2
CHB - LeSueur, Waseca	541	63.0	11.5	407	8.6	2.8
CHB - Meeker, McLeod, Sibley	862	69.7	11.6	711	9.6	2.0
CHB - Mahnomen, Norman, Polk	606	82.0	13.9	540	12.4	1.5
CHB - Morrison, Todd, Wadena	857	76.7	12.0	792	11.1	0.9

**Table 1. Selected Minnesota Natality Statistics by State/County/CHB<sup>1</sup>, Minnesota Residents, 2018.**

	Number of Births	Fertility Rate <sup>2</sup>	Birth Rate <sup>3</sup>	Number of Deaths	Death Rate <sup>4</sup>	Natural Rate of Increase
<b>State of Minnesota</b>	<b>67,341</b>	<b>62.7</b>	<b>12.0</b>	<b>44,715</b>	<b>8.0</b>	<b>4.0</b>
<b>Metro CHBs</b>						
CHB - Bloomington	1,000	64.5	11.7	843	9.9	1.8
CHB - Edina	498	64.2	9.7	506	9.9	-0.2
CHB - Minneapolis	5,692	54.0	13.7	2,397	5.8	7.9
CHB - Richfield	503	66.2	14.0	260	7.2	6.8
CHB - St. Paul	4,811	68.3	15.9	2,148	7.1	8.8

<sup>1</sup>Seven individuals are missing county of residence and are not included on any table.

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

<sup>3</sup>Total number of live births per 1,000 total population.

<sup>4</sup>Number of deaths per 1,000 total population.



**Table 2. Selected Fertility Statistics by State/County/CHB, Minnesota Residents, 2018.**

	Number Pregnancies	Pregnancy <sup>1</sup> Rate	Number Abortions	Abortion <sup>2</sup> Rate	Number Fetal Deaths	Fetal Deaths <sup>3</sup> Rate
<b>State of Minnesota</b>	<b>76,626</b>	<b>71.3</b>	<b>8,893</b>	<b>8.3</b>	<b>392</b>	<b>5.8</b>
Aitkin	130	68.2	7	--	1	--
Anoka	4,856	73.1	580	8.7	35	8.2
Becker	436	77.2	5	--	0	--
Beltrami	685	74.2	38	4.1	6	--
Benton	633	77.8	73	9.0	2	--
Big Stone	72	104.0	1	--	1	--
Blue Earth	842	52.0	101	6.2	7	--
Brown	305	71.4	14	--	1	--
Carlton	390	66.9	29	5.0	3	--
Carver	1,243	63.1	88	4.5	7	--
Cass	316	76.7	22	5.3	1	--
Chippewa	169	90.6	5	--	0	--
Chisago	663	70.0	62	6.5	2	--
Clay	825	57.0	5	--	0	--
Clearwater	115	84.2	1	--	0	--
Cook	47	63.6	2	--	0	--
Cottonwood	140	81.1	5	--	2	--
Crow Wing	715	69.1	60	5.8	3	--
Dakota	5,877	72.4	712	8.8	25	4.8
Dodge	273	70.1	18	--	1	--
Douglas	451	75.5	17	--	3	--
Faribault	174	81.3	17	--	1	--
Fillmore	263	79.0	15	--	1	--
Freeborn	337	68.8	30	6.1	3	--
Goodhue	560	72.6	40	5.2	2	--
Grant	49	52.4	1	--	1	--
Hennepin	19,252	72.9	3,309	12.5	98	6.1
Houston	192	67.3	8	--	1	--
Hubbard	209	70.0	7	--	2	--
Isanti	522	73.5	42	5.9	5	--

**Table 2. Selected Fertility Statistics by State/County/CHB, Minnesota Residents, 2018.**

	Number Pregnancies	Pregnancy <sup>1</sup> Rate	Number Abortions	Abortion <sup>2</sup> Rate	Number Fetal Deaths	Fetal Deaths <sup>3</sup> Rate
<b>State of Minnesota</b>	<b>76,626</b>	<b>71.3</b>	<b>8,893</b>	<b>8.3</b>	<b>392</b>	<b>5.8</b>
Itasca	477	70.4	34	5.0	3	--
Jackson	104	69.0	6	--	0	--
Kanabec	189	74.6	10	--	1	--
Kandiyohi	595	82.8	36	5.0	4	--
Kittson	53	88.5	0	--	0	--
Koochiching	97	53.6	6	--	0	--
Lac Qui Parle	69	73.4	3	--	0	--
Lake	115	77.3	8	--	3	--
Lake of the Woods	34	67.3	0	--	1	--
Le Sueur	350	71.7	25	5.1	1	--
Lincoln	70	87.0	0	--	0	--
Lyon	378	76.9	20	4.1	2	--
McLeod	424	68.8	29	4.7	2	--
Mahnomen	95	106.9	5	--	0	--
Marshall	82	56.2	1	--	0	--
Martin	255	83.9	10	--	1	--
Meeker	302	81.2	8	--	0	--
Mille Lacs	340	78.2	35	8.0	3	--
Morrison	370	69.7	13	--	2	--
Mower	587	84.4	46	6.6	2	--
Murray	87	69.8	6	--	0	--
Nicollet	386	55.5	41	5.9	5	--
Nobles	397	105.7	8	--	3	--
Norman	81	79.4	0	--	0	--
Olmsted	2,242	72.4	194	6.3	13	--
Otter Tail	625	72.9	9	--	4	--
Pennington	168	67.6	1	--	0	--
Pine	244	58.2	17	--	2	--
Pipestone	143	100.7	2	--	1	--
Polk	440	80.3	2	--	3	--
Pope	127	77.9	5	--	1	--

**Table 2. Selected Fertility Statistics by State/County/CHB, Minnesota Residents, 2018.**

	Number Pregnancies	Pregnancy <sup>1</sup> Rate	Number Abortions	Abortion <sup>2</sup> Rate	Number Fetal Deaths	Fetal Deaths <sup>3</sup> Rate
<b>State of Minnesota</b>	<b>76,626</b>	<b>71.3</b>	<b>8,893</b>	<b>8.3</b>	<b>392</b>	<b>5.8</b>
Ramsey	9,158	78.0	1,597	13.6	48	6.3
Red Lake	44	70.7	1	--	0	--
Redwood	208	86.5	8	--	1	--
Renville	190	84.6	9	--	1	--
Rice	797	61.3	67	5.2	2	--
Rock	100	64.4	3	--	0	--
Roseau	174	73.9	1	--	0	--
St. Louis	2,061	55.4	235	6.3	13	--
Scott	1,894	65.4	172	5.9	5	--
Sherburne	1,304	70.8	89	4.8	5	--
Sibley	180	72.5	5	--	0	--
Stearns	2,273	70.2	209	6.5	7	--
Steele	416	65.7	29	4.6	2	--
Stevens	133	61.6	9	--	0	--
Swift	125	86.6	10	--	1	--
Todd	336	91.9	13	--	1	--
Traverse	42	87.3	2	--	0	--
Wabasha	252	74.1	17	--	2	--
Wadena	189	85.4	7	--	2	--
Waseca	234	63.1	16	--	1	--
Washington	3,071	64.8	324	6.8	15	--
Watonwan	184	100.4	15	--	1	--
Wilkin	67	69.4	0	--	1	--
Winona	509	44.9	33	2.9	3	--
Wright	1,901	74.3	124	4.8	10	--
Yellow Medicine	117	76.7	4	--	0	--

**Table 2. Selected Fertility Statistics by State/County/CHB, Minnesota Residents, 2018.**

	Number Pregnancies	Pregnancy <sup>1</sup> Rate	Number Abortions	Abortion <sup>2</sup> Rate	Number Fetal Deaths	Fetal Deaths <sup>3</sup> Rate
<b>State of Minnesota</b>	<b>76,626</b>	<b>71.3</b>	<b>8,893</b>	<b>8.3</b>	<b>392</b>	<b>5.8</b>
CHB - Aitkin, Itasca, Koochiching	704	67.1	47	4.5	4	--
CHB - Clearwater, Hubbard, Lake of the Woods	358	73.7	8	--	3	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	552	85.4	23	3.6	2	--
CHB - Brown, Nicollet	691	61.6	55	4.9	6	--
CHB - Carlton, Cook, Lake, St. Louis	2,613	57.7	274	6.1	19	--
CHB - Cottonwood, Jackson	244	75.5	11	--	2	--
CHB - Clay, Wilkin, Becker, Otter Tail	1,953	65.8	19	--	5	--
CHB - Douglas, Grant, Pope, Stevens, Traverse	802	71.7	34	3.0	5	--
CHB - Dodge, Steele	689	67.4	47	4.6	3	--
CHB - Fillmore, Houston	455	73.6	23	3.7	2	--
CHB - Faribault, Martin	429	82.8	27	5.2	2	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	521	69.3	4	--	0	--
CHB - Kandiyohi, Renville	785	83.2	45	4.8	5	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	986	79.9	39	3.2	4	--
CHB - LeSueur, Waseca	584	68.0	41	4.8	2	--
CHB - Meeker, McLeod, Sibley	906	73.3	42	3.4	2	--
CHB - Mahnomen, Norman, Polk	616	83.4	7	--	3	--
CHB - Morrison, Todd, Wadena	895	80.1	33	3.0	5	--

**Table 2. Selected Fertility Statistics by State/County/CHB, Minnesota Residents, 2018.**

	Number Pregnancies	Pregnancy <sup>1</sup> Rate	Number Abortions	Abortion <sup>2</sup> Rate	Number Fetal Deaths	Fetal Deaths <sup>3</sup> Rate
<b>State of Minnesota</b>	<b>76,626</b>	<b>71.3</b>	<b>8,893</b>	<b>8.3</b>	<b>392</b>	<b>5.8</b>
<b>Metro CHBs</b>						
CHB - Bloomington	1,147	74.0	142	9.2	5	--
CHB - Edina	543	69.9	44	5.7	1	--
CHB - Minneapolis	7,481	70.9	1,752	16.6	37	6.5
CHB - Richfield	589	77.5	80	10.5	6	--
CHB - St. Paul	6,114	86.8	1,271	18.0	32	6.6

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

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

<sup>3</sup> 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, 2018.**

	# with No <sup>1</sup> Previous Births	% with No Previous Births	# with 4+ Births <sup>1</sup>	% with 4+ Births <sup>1</sup>	# Live Birth w/in 1 Year <sup>2</sup>	% Live Birth w/in 1 Year <sup>2</sup>
<b>State of Minnesota</b>	<b>23,735</b>	<b>35.2%</b>	<b>4,645</b>	<b>6.9%</b>	<b>834</b>	<b>1.9%</b>
Aitkin	41	33.6%	12	--	4	--
Anoka	1,595	37.6%	209	4.9%	54	2.0%
Becker	141	32.7%	52	12.1%	6	--
Beltrami	193	30.1%	75	11.7%	24	5.4%
Benton	191	34.2%	43	7.7%	4	--
Big Stone	32	45.7%	5	--	0	--
Blue Earth	258	35.1%	46	6.3%	7	--
Brown	85	29.3%	12	--	4	--
Carlton	136	38.0%	21	5.9%	5	--
Carver	410	35.7%	54	4.7%	8	--
Cass	87	29.7%	31	10.6%	7	--
Chippewa	53	32.3%	11	--	2	--
Chisago	202	33.7%	32	5.3%	3	--
Clay	261	31.8%	70	8.5%	16	--
Clearwater	31	27.2%	17	--	2	--
Cook	19	--	2	--	1	--
Cottonwood	35	26.3%	12	--	1	--
Crow Wing	203	31.1%	40	6.1%	9	--
Dakota	1,857	36.1%	248	4.8%	58	1.8%
Dodge	78	30.7%	7	--	1	--
Douglas	150	34.8%	21	4.9%	3	--
Faribault	39	25.0%	12	--	4	--
Fillmore	64	25.9%	30	12.1%	1	--
Freeborn	99	32.6%	16	--	9	--
Goodhue	181	34.9%	27	5.2%	4	--
Grant	14	--	1	--	1	--
Hennepin	6,225	39.3%	1,084	6.8%	166	1.7%
Houston	55	30.1%	13	--	3	--
Hubbard	58	29.0%	15	--	5	--
Isanti	169	35.6%	35	7.4%	1	--
Itasca	149	33.9%	18	--	1	--

**Table 3. Previous Births by State/County/CHB, Minnesota Residents, 2018.**

	# with No <sup>1</sup> Previous Births	% with No Previous Births	# with 4+ Births <sup>1</sup>	% with 4+ Births <sup>1</sup>	# Live Birth w/in 1 Year <sup>2</sup>	% Live Birth w/in 1 Year <sup>2</sup>
<b>State of Minnesota</b>	<b>23,735</b>	<b>35.2%</b>	<b>4,645</b>	<b>6.9%</b>	<b>834</b>	<b>1.9%</b>
Jackson	26	26.5%	4	--	0	--
Kanabec	62	34.8%	8	--	2	--
Kandiyohi	168	30.3%	60	10.8%	13	--
Kittson	13	--	4	--	0	--
Koochiching	28	30.8%	2	--	1	--
Lac Qui Parle	18	--	4	--	1	--
Lake	32	30.8%	4	--	0	--
Lake of the Woods	13	--	1	--	0	--
Le Sueur	104	32.1%	19	--	4	--
Lincoln	25	35.7%	1	--	0	--
Lyon	101	28.4%	20	5.6%	3	--
McLeod	136	34.6%	25	6.4%	7	--
Mahnomen	20	22.2%	20	22.2%	3	--
Marshall	26	32.1%	8	--	0	--
Martin	79	32.4%	20	8.2%	4	--
Meeker	95	32.3%	24	8.2%	5	--
Mille Lacs	97	32.1%	23	7.6%	2	--
Morrison	119	33.5%	24	6.8%	2	--
Mower	160	29.7%	49	9.1%	11	--
Murray	22	27.2%	3	--	2	--
Nicollet	100	29.4%	18	--	3	--
Nobles	110	28.5%	35	9.1%	5	--
Norman	25	30.9%	10	--	1	--
Olmsted	766	37.6%	103	5.1%	19	--
Otter Tail	180	29.4%	60	9.8%	1	--
Pennington	55	32.9%	11	--	2	--
Pine	66	29.3%	17	--	3	--
Pipestone	39	27.9%	9	--	1	--
Polk	127	29.2%	36	8.3%	11	--
Pope	44	36.4%	11	--	1	--

**Table 3. Previous Births by State/County/CHB, Minnesota Residents, 2018.**

	# with No <sup>1</sup> Previous Births	% with No Previous Births	# with 4+ Births <sup>1</sup>	% with 4+ Births <sup>1</sup>	# Live Birth w/in 1 Year <sup>2</sup>	% Live Birth w/in 1 Year <sup>2</sup>
<b>State of Minnesota</b>	<b>23,735</b>	<b>35.2%</b>	<b>4,645</b>	<b>6.9%</b>	<b>834</b>	<b>1.9%</b>
Ramsey	2,643	35.2%	662	8.8%	139	2.9%
Red Lake	15	--	1	--	1	--
Redwood	63	31.7%	15	--	0	--
Renville	59	32.8%	11	--	2	--
Rice	222	30.5%	83	11.4%	8	--
Rock	27	27.8%	7	--	0	--
Roseau	54	31.2%	14	--	5	--
St. Louis	687	37.9%	106	5.8%	19	--
Scott	613	35.7%	100	5.8%	13	--
Sherburne	401	33.1%	84	6.9%	13	--
Sibley	58	33.1%	9	--	1	--
Stearns	669	32.5%	204	9.9%	32	2.3%
Steele	125	32.5%	23	6.0%	6	--
Stevens	42	33.9%	3	--	1	--
Swift	39	34.2%	8	--	1	--
Todd	92	28.6%	54	16.8%	4	--
Traverse	12	--	2	--	0	--
Wabasha	78	33.5%	5	--	2	--
Wadena	50	27.8%	24	13.3%	3	--
Waseca	75	34.6%	11	--	8	--
Washington	945	34.6%	108	4.0%	28	1.6%
Watonwan	55	32.7%	9	--	5	--
Wilkin	28	42.4%	5	--	0	--
Winona	155	32.8%	32	6.8%	8	--
Wright	528	29.9%	154	8.7%	13	--
Yellow Medicine	33	29.2%	7	--	1	--



**Table 3. Previous Births by State/County/CHB, Minnesota Residents, 2018.**

	# with No <sup>1</sup> Previous Births	% with No Previous Births	# with 4+ Births <sup>1</sup>	% with 4+ Births <sup>1</sup>	# Live Birth w/in 1 Year <sup>2</sup>	% Live Birth w/in 1 Year <sup>2</sup>
<b>State of Minnesota</b>	<b>23,735</b>	<b>35.2%</b>	<b>4,645</b>	<b>6.9%</b>	<b>834</b>	<b>1.9%</b>
CHB - Aitkin, Itasca, Koochiching	218	33.4%	32	4.9%	6	--
CHB - Clearwater, Hubbard, Lake of the Woods	102	29.4%	33	9.5%	7	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	175	33.2%	35	6.6%	5	--
CHB - Brown, Nicollet	185	29.4%	30	4.8%	7	--
CHB - Carlton, Cook, Lake, St. Louis	874	37.7%	133	5.7%	25	1.7%
CHB - Cottonwood, Jackson	61	26.4%	16	--	1	--
CHB - Clay, Wilkin, Becker, Otter Tail	610	31.6%	187	9.7%	23	1.7%
CHB - Douglas, Grant, Pope, Stevens, Traverse	262	34.3%	38	5.0%	6	--
CHB - Dodge, Steele	203	31.8%	30	4.7%	7	--
CHB - Fillmore, Houston	119	27.7%	43	10.0%	4	--
CHB - Faribault, Martin	118	29.5%	32	8.0%	8	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	163	31.5%	38	7.4%	8	--
CHB - Kandiyohi, Renville	227	30.9%	71	9.7%	15	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	277	29.4%	55	5.8%	6	--
CHB - LeSueur, Waseca	179	33.1%	30	5.5%	12	--
CHB - Meeker, McLeod, Sibley	289	33.5%	58	6.7%	13	--
CHB - Mahnomen, Norman, Polk	172	28.4%	66	10.9%	15	--
CHB - Morrison, Todd, Wadena	261	30.5%	102	11.9%	9	--

**Table 3. Previous Births by State/County/CHB, Minnesota Residents, 2018.**

	# with No <sup>1</sup> Previous Births	% with No Previous Births	# with 4+ Births <sup>1</sup>	% with 4+ Births <sup>1</sup>	# Live Birth w/in 1 Year <sup>2</sup>	% Live Birth w/in 1 Year <sup>2</sup>
<b>State of Minnesota</b>	<b>23,735</b>	<b>35.2%</b>	<b>4,645</b>	<b>6.9%</b>	<b>834</b>	<b>1.9%</b>
<b>Metro CHBs</b>						
CHB - Bloomington	412	41.2%	55	5.5%	9	--
CHB - Edina	177	35.5%	10	--	2	--
CHB - Minneapolis	2,295	40.3%	592	10.4%	78	2.3%
CHB - Richfield	244	48.5%	25	5.0%	4	--
CHB - St. Paul	1,661	34.5%	548	11.4%	105	3.3%

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

<sup>1</sup> Births to women with four or more previous live births.

<sup>2</sup> 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, 2018.**

	Birth Counts <sup>1</sup>			Pregnancy Counts <sup>2</sup>		
	15-17 yrs	18-19 yrs	15-19 yrs	15-17 yrs	18-19 yrs	15-19 yrs
<b>State of Minnesota</b>	<b>402</b>	<b>1,392</b>	<b>1,794</b>	<b>585</b>	<b>1,910</b>	<b>2,495</b>
Aitkin	0	3	3	1	3	4
Anoka	18	62	80	28	90	118
Becker	5	21	26	5	22	27
Beltrami	16	39	55	17	40	57
Benton	0	10	10	2	14	16
Big Stone	0	2	2	0	2	2
Blue Earth	3	14	17	5	25	30
Brown	1	10	11	1	10	11
Carlton	4	14	18	6	16	22
Carver	5	9	14	5	20	25
Cass	9	9	18	12	10	22
Chippewa	1	9	10	1	9	10
Chisago	4	14	18	5	17	22
Clay	3	12	15	3	12	15
Clearwater	3	4	7	3	4	7
Cook	0	1	1	1	1	2
Cottonwood	1	8	9	1	8	9
Crow Wing	8	16	24	9	25	34
Dakota	18	62	80	29	94	123
Dodge	0	6	6	1	7	8
Douglas	1	9	10	1	12	13
Faribault	0	5	5	0	5	5
Fillmore	0	2	2	1	4	5
Freeborn	3	16	19	3	17	20
Goodhue	3	9	12	3	13	16
Grant	0	2	2	0	2	2
Hennepin	80	261	341	145	437	582
Houston	1	2	3	1	3	4
Hubbard	2	10	12	2	10	12
Isanti	0	7	7	0	13	13
Itasca	2	23	25	3	25	28
Jackson	0	4	4	0	5	5
Kanabec	1	11	12	1	11	12
Kandiyohi	2	15	17	2	18	20
Kittson	0	0	0	0	0	0
Koochiching	0	2	2	0	2	2
Lac Qui Parle	0	0	0	0	0	0
Lake	0	3	3	0	4	4
Lake of the Woods	1	0	1	1	0	1
Le Sueur	3	5	8	3	7	10
Lincoln	2	2	4	2	2	4
Lyon	3	9	12	3	11	14
McLeod	2	14	16	3	16	19

**Table 4a. Teen Birth and Pregnancy Counts by State/County/CHB, Minnesota Residents, 2018.**

	Birth Counts <sup>1</sup>			Pregnancy Counts <sup>2</sup>		
	15-17 yrs	18-19 yrs	15-19 yrs	15-17 yrs	18-19 yrs	15-19 yrs
<b>State of Minnesota</b>	<b>402</b>	<b>1,392</b>	<b>1,794</b>	<b>585</b>	<b>1,910</b>	<b>2,495</b>
Mahnomen	3	4	7	3	5	8
Marshall	0	2	2	0	3	3
Martin	3	11	14	3	11	14
Meeker	0	10	10	0	11	11
Mille Lacs	3	17	20	6	17	23
Morrison	2	6	8	2	6	8
Mower	6	19	25	7	21	28
Murray	2	1	3	2	2	4
Nicollet	2	2	4	3	4	7
Nobles	9	20	29	9	22	31
Norman	0	1	1	0	1	1
Olmsted	7	34	41	14	43	57
Otter Tail	2	16	18	2	16	18
Pennington	0	7	7	0	7	7
Pine	2	10	12	2	11	13
Pipestone	1	5	6	1	5	6
Polk	6	8	14	6	8	14
Pope	0	1	1	0	1	1
Ramsey	67	183	250	98	269	367
Red Lake	0	5	5	0	5	5
Redwood	2	4	6	2	4	6
Renville	3	13	16	3	13	16
Rice	5	14	19	6	19	25
Rock	0	2	2	0	2	2
Roseau	0	4	4	0	4	4
St. Louis	15	50	65	17	64	81
Scott	1	25	26	3	42	45
Sherburne	3	17	20	7	21	28
Sibley	5	4	9	6	4	10
Stearns	16	39	55	21	58	79
Steele	2	12	14	2	13	15
Stevens	1	2	3	1	4	5
Swift	1	3	4	3	3	6
Todd	5	9	14	6	14	20
Traverse	1	2	3	1	2	3
Wabasha	2	3	5	3	5	8
Wadena	0	7	7	0	10	10
Waseca	4	9	13	6	10	16
Washington	9	37	46	19	57	76
Watonwan	2	10	12	3	11	14
Wilkin	1	3	4	1	3	4
Winona	0	7	7	1	8	9
Wright	3	14	17	6	21	27

**Table 4a. Teen Birth and Pregnancy Counts by State/County/CHB, Minnesota Residents, 2018.**

	Birth Counts <sup>1</sup>			Pregnancy Counts <sup>2</sup>		
	15-17 yrs	18-19 yrs	15-19 yrs	15-17 yrs	18-19 yrs	15-19 yrs
<b>State of Minnesota</b>	<b>402</b>	<b>1,392</b>	<b>1,794</b>	<b>585</b>	<b>1,910</b>	<b>2,495</b>
Yellow Medicine	1	4	5	1	4	5
CHB - Aitkin, Itasca, Koochiching	2	28	30	4	30	34
CHB - Clearwater, Hubbard, Lake of the Woods	6	14	20	6	14	20
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	3	18	21	5	18	23
CHB - Brown, Nicollet	3	12	15	4	14	18
CHB - Carlton, Cook, Lake, St. Louis	19	68	87	24	85	109
CHB - Cottonwood, Jackson	1	12	13	1	13	14
CHB - Clay, Wilkin, Becker, Otter Tail	11	52	63	11	53	64
CHB - Douglas, Grant, Pope, Stevens, Traverse	3	16	19	3	21	24
CHB - Dodge, Steele	2	18	20	3	20	23
CHB - Fillmore, Houston	1	4	5	2	7	9
CHB - Faribault, Martin	3	16	19	3	16	19
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	0	18	18	0	19	19
CHB - Kandiyohi, Renville	5	28	33	5	31	36
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	10	23	33	10	26	36
CHB - LeSueur, Waseca	7	14	21	9	17	26
CHB - Meeker, McLeod, Sibley	7	28	35	9	31	40
CHB - Mahnomen, Norman, Polk	9	13	22	9	14	23
CHB - Morrison, Todd, Wadena	7	22	29	8	30	38

**Table 4a. Teen Birth and Pregnancy Counts by State/County/CHB, Minnesota Residents, 2018.**

	Birth Counts <sup>1</sup>			Pregnancy Counts <sup>2</sup>		
	15-17 yrs	18-19 yrs	15-19 yrs	15-17 yrs	18-19 yrs	15-19 yrs
<b>State of Minnesota</b>	<b>402</b>	<b>1,392</b>	<b>1,794</b>	<b>585</b>	<b>1,910</b>	<b>2,495</b>
<b>Metro CHBs</b>						
CHB - Bloomington	6	15	21	11	28	39
CHB - Edina	1	1	2	1	5	6
CHB - Minneapolis	49	136	185	109	242	351
CHB - Richfield	2	10	12	5	16	21
CHB - St. Paul	56	144	200	90	243	333

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

<sup>2</sup>The 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, 2018.**

	Birth Rates <sup>1</sup>			Pregnancy Rates <sup>2</sup>		
	15-17 yrs	18-19 yrs	15-19 yrs	15-17 yrs	18-19 yrs	15-19 yrs
<b>State of Minnesota</b>	<b>3.8</b>	<b>20.0</b>	<b>10.2</b>	<b>5.5</b>	<b>27.4</b>	<b>14.2</b>
Aitkin	--	--	--	--	--	--
Anoka	--	17.6	7.4	3.8	25.5	10.9
Becker	--	61.6	25.1	--	64.5	26.1
Beltrami	--	43.1	31.8	--	44.2	32.9
Benton	--	--	--	--	--	--
Big Stone	--	--	--	--	--	--
Blue Earth	--	--	--	--	12.7	10.0
Brown	--	--	--	--	--	--
Carlton	--	--	--	--	--	21.8
Carver	--	--	--	--	15.9	6.7
Cass	--	--	--	--	--	28.9
Chippewa	--	--	--	--	--	--
Chisago	--	--	--	--	--	12.9
Clay	--	--	--	--	--	--
Clearwater	--	--	--	--	--	--
Cook	--	--	--	--	--	--
Cottonwood	--	--	--	--	--	--
Crow Wing	--	--	13.9	--	43.9	19.6
Dakota	--	14.2	6.2	3.4	21.5	9.5
Dodge	--	--	--	--	--	--
Douglas	--	--	--	--	--	--
Faribault	--	--	--	--	--	--
Fillmore	--	--	--	--	--	--
Freeborn	--	--	--	--	--	23.7
Goodhue	--	--	--	--	--	--
Grant	--	--	--	--	--	--
Hennepin	3.8	18.2	9.6	6.9	30.5	16.4
Houston	--	--	--	--	--	--
Hubbard	--	--	--	--	--	--
Isanti	--	--	--	--	--	--
Itasca	--	57.2	20.3	--	62.2	22.7
Jackson	--	--	--	--	--	--
Kanabec	--	--	--	--	--	--
Kandiyohi	--	--	--	--	--	15.9
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, 2018.**

	Birth Rates <sup>1</sup>			Pregnancy Rates <sup>2</sup>		
	15-17 yrs	18-19 yrs	15-19 yrs	15-17 yrs	18-19 yrs	15-19 yrs
<b>State of Minnesota</b>	<b>3.8</b>	<b>20.0</b>	<b>10.2</b>	<b>5.5</b>	<b>27.4</b>	<b>14.2</b>
Marshall	--	--	--	--	--	--
Martin	--	--	--	--	--	--
Meeker	--	--	--	--	--	--
Mille Lacs	--	--	27.5	--	--	31.6
Morrison	--	--	--	--	--	--
Mower	--	--	20.8	--	53.0	23.3
Murray	--	--	--	--	--	--
Nicollet	--	--	--	--	--	--
Nobles	--	76.9	41.7	--	84.6	44.6
Norman	--	--	--	--	--	--
Olmsted	--	22.2	8.9	--	28.1	12.4
Otter Tail	--	--	--	--	--	--
Pennington	--	--	--	--	--	--
Pine	--	--	--	--	--	--
Pipestone	--	--	--	--	--	--
Polk	--	--	--	--	--	--
Pope	--	--	--	--	--	--
Ramsey	7.0	23.8	14.5	10.3	35.0	21.3
Red Lake	--	--	--	--	--	--
Redwood	--	--	--	--	--	--
Renville	--	--	--	--	--	--
Rice	--	--	--	--	--	8.6
Rock	--	--	--	--	--	--
Roseau	--	--	--	--	--	--
St. Louis	--	14.0	9.7	--	17.9	12.1
Scott	--	14.6	5.0	--	24.6	8.7
Sherburne	--	--	6.0	--	20.0	8.4
Sibley	--	--	--	--	--	--
Stearns	--	11.6	8.6	6.9	17.2	12.3
Steele	--	--	--	--	--	--
Stevens	--	--	--	--	--	--
Swift	--	--	--	--	--	--
Todd	--	--	--	--	--	29.9
Traverse	--	--	--	--	--	--
Wabasha	--	--	--	--	--	--
Wadena	--	--	--	--	--	--
Waseca	--	--	--	--	--	--
Washington	--	13.0	5.5	--	20.0	9.0
Watonwan	--	--	--	--	--	--
Wilkin	--	--	--	--	--	--
Winona	--	--	--	--	--	--
Wright	--	--	--	--	14.5	5.9
Yellow Medicine	--	--	--	--	--	--



**Table 4b. Teen Birth and Pregnancy Rates by State/County/CHB, Minnesota Residents, 2018.**

	Birth Rates <sup>1</sup>			Pregnancy Rates <sup>2</sup>		
	15-17 yrs	18-19 yrs	15-19 yrs	15-17 yrs	18-19 yrs	15-19 yrs
<b>State of Minnesota</b>	<b>3.8</b>	<b>20.0</b>	<b>10.2</b>	<b>5.5</b>	<b>27.4</b>	<b>14.2</b>
CHB - Aitkin, Itasca, Koochiching	--	42.2	15.4	--	45.2	17.5
CHB - Clearwater, Hubbard, Lake of the Woods	--	--	23.2	--	--	23.2
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	--	--	18.1	--	--	19.8
CHB - Brown, Nicollet	--	--	--	--	--	--
CHB - Carlton, Cook, Lake, St. Louis	--	16.9	10.8	6.0	21.1	13.5
CHB - Cottonwood, Jackson	--	--	--	--	--	--
CHB - Clay, Wilkin, Becker, Otter Tail	--	20.8	11.5	--	21.2	11.7
CHB - Douglas, Grant, Pope, Stevens, Traverse	--	--	--	--	23.5	11.9
CHB - Dodge, Steele	--	--	10.8	--	32.7	12.4
CHB - Fillmore, Houston	--	--	--	--	--	--
CHB - Faribault, Martin	--	--	--	--	--	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	--	--	--	--	--	--
CHB - Kandiyohi, Renville	--	48.6	19.6	--	53.8	21.4
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	--	26.0	14.1	--	29.4	15.4
CHB - LeSueur, Waseca	--	--	14.4	--	--	17.8
CHB - Meeker, McLeod, Sibley	--	37.3	15.0	--	41.3	17.2
CHB - Mahnomen, Norman, Polk	--	--	15.4	--	--	16.1
CHB - Morrison, Todd, Wadena	--	33.2	14.8	--	45.2	19.4

**Table 4b. Teen Birth and Pregnancy Rates by State/County/CHB, Minnesota Residents, 2018.**

	Birth Rates <sup>1</sup>			Pregnancy Rates <sup>2</sup>		
	15-17 yrs	18-19 yrs	15-19 yrs	15-17 yrs	18-19 yrs	15-19 yrs
<b>State of Minnesota</b>	<b>3.8</b>	<b>20.0</b>	<b>10.2</b>	<b>5.5</b>	<b>27.4</b>	<b>14.2</b>
<b>Metro CHBs</b>						
CHB - Bloomington	--	--	8.9	--	32.7	16.6
CHB - Edina	--	--	--	--	--	--
CHB - Minneapolis	9.0	17.9	14.2	20.0	31.8	26.9
CHB - Richfield	--	--	--	--	--	24.4
CHB - St. Paul	10.3	32.3	20.2	16.5	54.6	33.6

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

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

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

**Table 5. Race/Ethnicity of Birth Mother by State/County/CHB, Minnesota Residents, 2018.**

	Non-Hispanic					Hispanic
	White	African American	American Indian	Asian/Pacific Isl.	Other/Unknown	
<b>State of Minnesota</b>	<b>46,840</b>	<b>8,774</b>	<b>1,149</b>	<b>5,462</b>	<b>269</b>	<b>4,847</b>
Aitkin	111	2	7	2	0	0
Anoka	3,117	504	26	350	12	232
Becker	352	3	67	2	2	5
Beltrami	332	6	281	8	2	12
Benton	479	57	3	7	0	12
Big Stone	66	1	0	0	0	3
Blue Earth	612	62	3	25	2	30
Brown	263	3	0	1	0	23
Carlton	310	2	39	4	0	3
Carver	1,003	41	3	46	3	52
Cass	186	2	97	1	1	6
Chippewa	115	3	2	18	0	26
Chisago	570	2	3	12	2	10
Clay	655	95	27	15	27	1
Clearwater	91	0	20	3	0	0
Cook	34	0	4	5	0	2
Cottonwood	108	2	0	7	0	16
Crow Wing	612	7	11	7	0	15
Dakota	3,475	746	11	379	18	511
Dodge	229	3	1	7	0	14
Douglas	413	3	1	4	0	10
Faribault	138	0	1	0	0	17
Fillmore	239	2	0	2	1	3
Freeborn	230	12	2	23	2	35
Goodhue	464	18	7	5	2	22
Grant	45	0	0	1	1	0
Hennepin	8,961	3,648	153	1,663	70	1,350
Houston	176	1	2	3	0	1
Hubbard	180	3	7	6	0	4
Isanti	434	10	5	9	0	17
Itasca	391	4	30	2	3	10
Jackson	92	3	0	0	0	3
Kanabec	165	2	1	7	2	1
Kandiyohi	329	97	1	8	2	118
Kittson	51	0	0	0	2	0
Koochiching	83	0	3	2	0	3
Lac Qui Parle	63	0	0	2	0	1
Lake	98	0	2	1	0	3
Lake of the Woods	32	0	0	0	0	1
Le Sueur	289	5	1	1	1	27
Lincoln	67	1	0	2	0	0
Lyon	245	31	0	36	2	42
McLeod	345	4	2	4	0	38
Mahnomen	33	1	51	0	0	5

**Table 5. Race/Ethnicity of Birth Mother by State/County/CHB, Minnesota Residents, 2018.**

	Non-Hispanic					Hispanic
	White	African American	American Indian	Asian/Pacific Isl.	Other/Unknown	
<b>State of Minnesota</b>	<b>46,840</b>	<b>8,774</b>	<b>1,149</b>	<b>5,462</b>	<b>269</b>	<b>4,847</b>
Marshall	80	0	0	0	1	0
Martin	198	3	3	4	3	33
Meeker	274	0	1	0	0	19
Mille Lacs	268	0	25	1	2	6
Morrison	335	8	1	2	0	9
Mower	336	49	0	62	1	91
Murray	76	0	0	1	0	4
Nicollet	271	31	0	9	1	28
Nobles	144	29	2	33	5	173
Norman	72	1	2	0	5	1
Olmsted	1,505	238	3	164	3	122
Otter Tail	541	19	2	7	2	41
Pennington	147	4	3	1	0	12
Pine	202	4	10	0	2	7
Pipestone	115	3	1	1	2	18
Polk	357	50	8	1	11	8
Pope	114	0	0	2	0	5
Ramsey	3,209	1,666	51	1,884	35	668
Red Lake	39	1	3	0	0	0
Redwood	172	3	11	6	0	7
Renville	141	2	8	2	0	27
Rice	483	128	2	12	0	103
Rock	90	2	0	1	1	3
Roseau	158	1	5	4	0	5
St. Louis	1,602	76	64	30	2	39
Scott	1,269	178	16	143	2	109
Sherburne	1,055	83	7	25	3	37
Sibley	144	2	1	0	1	27
Stearns	1,432	461	4	30	2	128
Steele	300	45	0	6	0	34
Stevens	95	2	4	1	0	22
Swift	93	1	1	7	0	12
Todd	269	4	3	2	4	40
Traverse	28	2	7	2	0	1
Wabasha	216	3	0	2	0	12
Wadena	176	1	0	0	0	3
Waseca	179	12	2	1	1	22
Washington	2,078	217	10	288	8	131
Watonwan	85	0	2	3	3	75
Wilkin	58	0	1	1	3	3
Winona	416	19	3	15	2	18
Wright	1,635	38	6	28	6	54
Yellow Medicine	100	2	3	1	1	6

**Table 5. Race/Ethnicity of Birth Mother by State/County/CHB, Minnesota Residents, 2018.**

	Non-Hispanic					Hispanic
	White	African American	American Indian	Asian/Pacific Isl.	Other/Unknown	
<b>State of Minnesota</b>	<b>46,840</b>	<b>8,774</b>	<b>1,149</b>	<b>5,462</b>	<b>269</b>	<b>4,847</b>
CHB - Aitkin, Itasca, Koochiching	585	6	40	6	3	13
CHB - Clearwater, Hubbard, Lake of the Woods	303	3	27	9	0	5
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	437	7	6	28	1	48
CHB - Brown, Nicollet	534	34	0	10	1	51
CHB - Carlton, Cook, Lake, St. Louis	2,044	78	109	40	2	47
CHB - Cottonwood, Jackson	200	5	0	7	0	19
CHB - Clay, Wilkin, Becker, Otter Tail	1,606	117	97	25	34	50
CHB - Douglas, Grant, Pope, Stevens, Traverse	695	7	12	10	1	38
CHB - Dodge, Steele	529	48	1	13	0	48
CHB - Fillmore, Houston	415	3	2	5	1	4
CHB - Faribault, Martin	336	3	4	4	3	50
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	475	6	11	5	3	17
CHB - Kandiyohi, Renville	470	99	9	10	2	145
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	765	40	12	47	5	74
CHB - LeSueur, Waseca	468	17	3	2	2	49
CHB - Meeker, McLeod, Sibley	763	6	4	4	1	84
CHB - Mahnomen, Norman, Polk	462	52	61	1	16	14
CHB - Morrison, Todd, Wadena	780	13	4	4	4	52

**Table 5. Race/Ethnicity of Birth Mother by State/County/CHB, Minnesota Residents, 2018.**

	Non-Hispanic					Hispanic
	White	African American	American Indian	Asian/Pacific Isl.	Other/Unknown	
<b>State of Minnesota</b>	<b>46,840</b>	<b>8,774</b>	<b>1,149</b>	<b>5,462</b>	<b>269</b>	<b>4,847</b>
<b>Metro CHBs</b>						
CHB - Bloomington	585	206	3	85	5	116
CHB - Edina	367	39	1	74	1	16
CHB - Minneapolis	2,677	1,801	107	420	35	652
CHB - Richfield	266	90	1	45	3	98
CHB - St. Paul	1,638	1,221	35	1,409	21	487

**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 Mother<sup>1</sup> by State/County/CHB, Minnesota Residents, 2018.**

	< High School	High School or GED	Some college no degree	Associate Degree	Bachelor's Degree	Graduate Degree
<b>State of Minnesota</b>	<b>4,335</b>	<b>7,305</b>	<b>9,351</b>	<b>7,660</b>	<b>18,058</b>	<b>9,344</b>
Aitkin	4	18	23	19	21	5
Anoka	169	424	735	578	1,261	482
Becker	29	56	76	70	68	34
Beltrami	27	177	7	80	84	38
Benton	22	91	67	106	126	50
Big Stone	10	7	8	14	12	7
Blue Earth	31	57	99	121	208	90
Brown	6	32	45	49	86	22
Carlton	9	35	55	65	81	34
Carver	24	71	118	123	454	251
Cass	12	73	39	40	34	7
Chippewa	16	21	20	25	26	10
Chisago	14	68	121	99	155	46
Clay	55	91	122	110	210	79
Clearwater	14	22	10	18	14	5
Cook	1	5	9	1	13	10
Cottonwood	12	28	17	14	21	11
Crow Wing	26	73	122	98	121	58
Dakota	249	509	744	543	1,664	794
Dodge	5	22	51	34	67	33
Douglas	6	32	71	102	102	49
Faribault	7	21	14	29	34	15
Fillmore	41	19	28	46	50	25
Freeborn	28	55	24	39	55	18
Goodhue	15	56	76	85	130	53
Grant	0	2	11	10	10	4
Hennepin	1,176	1,452	1,823	1,048	5,085	3,237
Houston	1	26	21	49	46	21
Hubbard	6	34	27	43	34	15
Isanti	9	78	100	72	88	32
Itasca	8	45	78	56	83	34
Jackson	2	7	14	15	39	7
Kanabec	9	24	37	25	14	9
Kandiyohi	97	43	74	70	102	38
Kittson	3	7	9	10	17	2
Koochiching	5	15	19	16	12	5
Lac Qui Parle	0	5	10	10	19	7
Lake	1	16	17	13	19	5
Lake of the Woods	1	3	2	5	7	3
Le Sueur	12	36	47	61	79	32
Lincoln	1	9	4	12	23	6
Lyon	39	31	43	43	75	44
McLeod	18	39	76	71	81	29
Mahnomen	11	19	12	10	5	2

**Table 6. Educational Attainment of Mother<sup>1</sup> by State/County/CHB, Minnesota Residents, 2018.**

	< High School	High School or GED	Some college no degree	Associate Degree	Bachelor's Degree	Graduate Degree
<b>State of Minnesota</b>	<b>4,335</b>	<b>7,305</b>	<b>9,351</b>	<b>7,660</b>	<b>18,058</b>	<b>9,344</b>
Marshall	0	9	11	22	20	4
Martin	17	33	36	15	52	25
Meeker	6	34	46	60	61	15
Mille Lacs	16	57	53	39	41	14
Morrison	12	62	55	71	61	19
Mower	80	77	69	68	74	32
Murray	4	10	9	7	23	11
Nicollet	27	27	39	43	115	55
Nobles	112	42	22	32	35	21
Norman	4	14	11	12	12	10
Olmsted	101	186	216	197	609	491
Otter Tail	51	57	100	106	131	42
Pennington	2	23	31	24	29	12
Pine	18	33	40	23	27	7
Pipestone	9	16	18	21	38	6
Polk	34	52	50	65	95	33
Pope	4	12	12	28	34	6
Ramsey	789	927	1,047	553	1,606	1,075
Red Lake	2	5	6	9	4	1
Redwood	6	27	30	33	52	19
Renville	13	21	31	27	32	9
Rice	109	89	124	96	126	56
Rock	4	13	15	15	23	10
Roseau	4	29	26	25	42	7
St. Louis	51	173	330	237	419	218
Scott	69	170	255	194	617	234
Sherburne	47	159	230	209	302	98
Sibley	8	26	21	31	38	10
Stearns	257	261	233	311	440	173
Steele	25	49	64	54	76	37
Stevens	4	12	16	17	40	9
Swift	10	16	12	21	18	9
Todd	61	43	41	48	33	13
Traverse	3	5	9	7	4	2
Wabasha	4	22	46	30	65	21
Wadena	5	39	28	30	18	7
Waseca	11	23	43	26	39	8
Washington	43	208	375	312	962	526
Watonwan	21	17	21	15	19	7
Wilkin	1	7	11	12	13	3
Winona	33	55	69	57	123	51
Wright	23	197	308	290	523	174
Yellow Medicine	4	14	17	21	32	6



**Table 6. Educational Attainment of Mother<sup>1</sup> by State/County/CHB, Minnesota Residents, 2018.**

	< High School	High School or GED	Some college no degree	Associate Degree	Bachelor's Degree	Graduate Degree
<b>State of Minnesota</b>	<b>4,335</b>	<b>7,305</b>	<b>9,351</b>	<b>7,660</b>	<b>18,058</b>	<b>9,344</b>
CHB - Aitkin, Itasca, Koochiching	17	78	120	91	116	44
CHB - Clearwater, Hubbard, Lake of the Woods	21	59	39	66	55	23
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	40	63	67	91	107	39
CHB - Brown, Nicollet	33	59	84	92	201	77
CHB - Carlton, Cook, Lake, St. Louis	62	229	411	316	532	267
CHB - Cottonwood, Jackson	14	35	31	29	60	18
CHB - Clay, Wilkin, Becker, Otter Tail	136	211	309	298	422	158
CHB - Douglas, Grant, Pope, Stevens, Traverse	17	63	119	164	190	70
CHB - Dodge, Steele	30	71	115	88	143	70
CHB - Fillmore, Houston	42	45	49	95	96	46
CHB - Faribault, Martin	24	54	50	44	86	40
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	11	73	83	90	112	26
CHB - Kandiyohi, Renville	110	64	105	97	134	47
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	63	106	119	131	234	96
CHB - LeSueur, Waseca	23	59	90	87	118	40
CHB - Meeker, McLeod, Sibley	32	99	143	162	180	54
CHB - Mahnomen, Norman, Polk	49	85	73	87	112	45
CHB - Morrison, Todd, Wadena	78	144	124	149	112	39
<b>Metro CHBs</b>						
CHB - Bloomington	72	95	138	97	292	167
CHB - Edina	10	21	17	16	239	177
CHB - Minneapolis	733	605	593	267	1,420	1,167
CHB - Richfield	48	49	65	32	150	82
CHB - St. Paul	675	658	677	309	813	568

<sup>1</sup> Educational attainment presented for mothers ages 25 years and older.

**Table 7a. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2018.**

	<b># To Unmarried Mothers</b>	<b># To Foreign-Born Mothers</b>	<b># With No Father Documented</b>	<b># of Births on Medicaid</b>	<b># of Mothers Smoked</b>
<b>State of Minnesota</b>	<b>21,464</b>	<b>13,017</b>	<b>7,564</b>	<b>29,572</b>	<b>5,010</b>
Aitkin	55	1	22	72	22
Anoka	1,239	834	295	1,666	259
Becker	171	9	88	241	71
Beltrami	389	14	244	455	129
Benton	187	57	56	249	75
Big Stone	18	2	4	27	7
Blue Earth	228	72	89	308	59
Brown	87	9	15	134	24
Carlton	132	7	30	160	48
Carver	174	117	57	231	32
Cass	168	5	88	225	96
Chippewa	69	39	21	99	15
Chisago	176	17	52	197	63
Clay	227	1	72	362	66
Clearwater	45	3	30	63	20
Cook	15	6	4	25	4
Cottonwood	47	19	12	82	21
Crow Wing	247	14	74	372	128
Dakota	1,371	1,219	682	1,841	203
Dodge	78	16	21	84	34
Douglas	104	9	29	171	56
Faribault	52	7	17	83	19
Fillmore	66	5	22	90	25
Freeborn	142	33	47	171	32
Goodhue	164	23	46	178	72
Grant	11	0	4	28	3
Hennepin	4,685	4,542	1,856	6,375	548
Houston	54	5	50	65	14
Hubbard	78	14	33	125	39
Isanti	171	18	37	221	64
Itasca	204	6	85	260	110
Jackson	25	2	2	36	11
Kanabec	83	9	27	106	38
Kandiyohi	200	146	38	351	34
Kittson	10	1	2	21	5
Koochiching	42	5	32	56	20
Lac Qui Parle	15	2	3	26	7
Lake	26	4	5	51	19
Lake of the Woods	11	1	4	18	6
Le Sueur	106	15	43	132	30
Lincoln	11	2	6	23	4
Lyon	131	85	39	210	29
McLeod	133	26	27	180	45
Mahnomen	66	1	36	71	44

**Table 7a. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2018.**

	<b># To Unmarried Mothers</b>	<b># To Foreign-Born Mothers</b>	<b># With No Father Documented</b>	<b># of Births on Medicaid</b>	<b># of Mothers Smoked</b>
<b>State of Minnesota</b>	<b>21,464</b>	<b>13,017</b>	<b>7,564</b>	<b>29,572</b>	<b>5,010</b>
Marshall	17	1	2	28	6
Martin	108	27	33	139	45
Meeker	85	6	27	136	34
Mille Lacs	138	8	46	188	59
Morrison	131	11	34	175	53
Mower	216	155	58	340	58
Murray	17	1	4	40	13
Nicollet	95	54	36	139	15
Nobles	167	212	42	278	10
Norman	28	1	5	45	15
Olmsted	496	466	167	654	121
Otter Tail	179	50	72	314	45
Pennington	72	11	24	65	26
Pine	116	2	41	135	51
Pipestone	39	17	15	72	15
Polk	125	8	34	217	42
Pope	27	6	5	65	13
Ramsey	3,229	2,528	1,054	4,365	411
Red Lake	21	1	7	21	7
Redwood	73	10	21	97	25
Renville	69	12	18	104	30
Rice	261	186	73	378	54
Rock	23	5	5	41	9
Roseau	63	5	13	70	24
St. Louis	737	66	283	864	296
Scott	378	361	175	528	87
Sherburne	330	132	82	443	120
Sibley	49	17	12	81	7
Stearns	544	511	151	1,064	177
Steele	123	57	47	179	36
Stevens	26	21	10	59	10
Swift	44	9	22	64	14
Todd	99	29	28	165	38
Traverse	17	3	6	21	11
Wabasha	68	9	16	81	17
Wadena	65	3	27	123	40
Waseca	92	12	32	128	31
Washington	709	400	202	783	102
Watonwan	91	46	27	119	10
Wilkin	23	2	10	34	11
Winona	160	29	67	192	39
Wright	375	101	76	547	123
Yellow Medicine	26	4	9	50	10

**Table 7a. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2018.**

	<b># To Unmarried Mothers</b>	<b># To Foreign-Born Mothers</b>	<b># With No Father Documented</b>	<b># of Births on Medicaid</b>	<b># of Mothers Smoked</b>
<b>State of Minnesota</b>	<b>21,464</b>	<b>13,017</b>	<b>7,564</b>	<b>29,572</b>	<b>5,010</b>
CHB - Aitkin, Itasca, Koochiching	301	12	139	388	152
CHB - Clearwater, Hubbard, Lake of the Woods	134	18	67	206	65
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow	172	56	59	266	53
CHB - Brown, Nicollet	182	63	51	273	39
CHB - Carlton, Cook, Lake, St. Louis	910	83	322	1,100	367
CHB - Cottonwood, Jackson	72	21	14	118	32
CHB - Clay, Wilkin, Becker, Otter Tail	600	62	242	951	193
CHB - Douglas, Grant, Pope, Stevens, Traverse	185	39	54	344	93
CHB - Dodge, Steele	201	73	68	263	70
CHB - Fillmore, Houston	120	10	72	155	39
CHB - Faribault, Martin	160	34	50	222	64
CHB - Kittson, Marshall, Pennington, Red Lake,	183	19	48	205	68
CHB - Kandiyohi, Renville	269	158	56	455	64
CHB - Lincoln, Lyon, Murray, Pipestone,	294	120	90	483	95
CHB - LeSueur, Waseca	198	27	75	260	61
CHB - Meeker, McLeod, Sibley	267	49	66	397	86
CHB - Mahnomen, Norman, Polk	219	10	75	333	101
CHB - Morrison, Todd, Wadena	295	43	89	463	131
<b>Metro CHBs</b>					
CHB - Bloomington	287	305	126	406	34
CHB - Edina	48	134	9	65	3
CHB - Minneapolis	2,154	1,760	1,002	2,967	283
CHB - Richfield	142	160	61	211	13
CHB - St. Paul	2,343	1,815	796	3,217	296

**Table 7b. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2018.**

	<b>% To Unmarried Mothers</b>	<b>% To Foreign-Born Mothers</b>	<b>% With No Father Documented</b>	<b>% of Births on Medicaid</b>	<b>% of Mothers Smoked</b>
<b>State of Minnesota</b>	<b>31.9%</b>	<b>19.3%</b>	<b>11.2%</b>	<b>43.9%</b>	<b>7.4%</b>
Aitkin	45.1%	--	18.0%	59.0%	18.0%
Anoka	29.2%	19.7%	7.0%	39.3%	6.1%
Becker	39.7%	--	20.4%	55.9%	16.5%
Beltrami	60.7%	--	38.1%	71.0%	20.1%
Benton	33.5%	10.2%	10.0%	44.6%	13.4%
Big Stone	--	--	--	38.6%	--
Blue Earth	31.1%	9.8%	12.1%	42.0%	8.0%
Brown	30.0%	--	--	46.2%	8.3%
Carlton	36.9%	--	8.4%	44.7%	13.4%
Carver	15.2%	10.2%	5.0%	20.1%	2.8%
Cass	57.3%	--	30.0%	76.8%	32.8%
Chippewa	42.1%	23.8%	12.8%	60.4%	--
Chisago	29.4%	--	8.7%	32.9%	10.5%
Clay	27.7%	--	8.8%	44.1%	8.0%
Clearwater	39.5%	--	26.3%	55.3%	17.5%
Cook	--	--	--	55.6%	--
Cottonwood	35.3%	--	--	61.7%	15.8%
Crow Wing	37.9%	--	11.3%	57.1%	19.6%
Dakota	26.7%	23.7%	13.3%	35.8%	3.9%
Dodge	30.7%	--	8.3%	33.1%	13.4%
Douglas	24.1%	--	6.7%	39.7%	13.0%
Faribault	33.3%	--	--	53.2%	--
Fillmore	26.7%	--	8.9%	36.4%	10.1%
Freeborn	46.7%	10.9%	15.5%	56.3%	10.5%
Goodhue	31.7%	4.4%	8.9%	34.4%	13.9%
Grant	--	--	--	59.6%	--
Hennepin	29.6%	28.7%	11.7%	40.2%	3.5%
Houston	29.5%	--	27.3%	35.5%	--
Hubbard	39.0%	--	16.5%	62.5%	19.5%
Isanti	36.0%	--	7.8%	46.5%	13.5%
Itasca	46.4%	--	19.3%	59.1%	25.0%
Jackson	25.5%	--	--	36.7%	--
Kanabec	46.6%	--	15.2%	59.6%	21.3%
Kandiyohi	36.0%	26.3%	6.8%	63.2%	6.1%
Kittson	--	--	--	39.6%	--
Koochiching	46.2%	--	35.2%	61.5%	22.0%
Lac Qui Parle	--	--	--	39.4%	--
Lake	25.0%	--	--	49.0%	--
Lake of the Woods	--	--	--	--	--
Le Sueur	32.7%	--	13.3%	40.7%	9.3%
Lincoln	--	--	--	32.9%	--
Lyon	36.8%	23.9%	11.0%	59.0%	8.1%
McLeod	33.8%	6.6%	6.9%	45.8%	11.5%
Mahnomen	73.3%	--	40.0%	78.9%	48.9%
Marshall	--	--	--	34.6%	--

**Table 7b. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2018.**

	<b>% To Unmarried Mothers</b>	<b>% To Foreign-Born Mothers</b>	<b>% With No Father Documented</b>	<b>% of Births on Medicaid</b>	<b>% of Mothers Smoked</b>
<b>State of Minnesota</b>	<b>31.9%</b>	<b>19.3%</b>	<b>11.2%</b>	<b>43.9%</b>	<b>7.4%</b>
Martin	44.3%	11.1%	13.5%	57.0%	18.4%
Meeker	28.9%	--	9.2%	46.3%	11.6%
Mille Lacs	45.7%	--	15.2%	62.3%	19.5%
Morrison	36.9%	--	9.6%	49.3%	14.9%
Mower	40.1%	28.8%	10.8%	63.1%	10.8%
Murray	--	--	--	49.4%	--
Nicollet	27.9%	15.9%	10.6%	40.9%	--
Nobles	43.3%	54.9%	10.9%	72.0%	--
Norman	34.6%	--	--	55.6%	--
Olmsted	24.4%	22.9%	8.2%	32.1%	5.9%
Otter Tail	29.2%	8.2%	11.8%	51.3%	7.4%
Pennington	43.1%	--	14.4%	38.9%	15.6%
Pine	51.6%	--	18.2%	60.0%	22.7%
Pipestone	27.9%	--	--	51.4%	--
Polk	28.7%	--	7.8%	49.9%	9.7%
Pope	22.3%	--	--	53.7%	--
Ramsey	43.0%	33.6%	14.0%	58.1%	5.5%
Red Lake	48.8%	--	--	48.8%	--
Redwood	36.7%	--	10.6%	48.7%	12.6%
Renville	38.3%	--	--	57.8%	16.7%
Rice	35.9%	25.5%	10.0%	51.9%	7.4%
Rock	23.7%	--	--	42.3%	--
Roseau	36.4%	--	--	40.5%	13.9%
St. Louis	40.7%	3.6%	15.6%	47.7%	16.3%
Scott	22.0%	21.0%	10.2%	30.8%	5.1%
Sherburne	27.3%	10.9%	6.8%	36.6%	9.9%
Sibley	28.0%	--	--	46.3%	--
Stearns	26.4%	24.8%	7.3%	51.7%	8.6%
Steele	31.9%	14.8%	12.2%	46.5%	9.4%
Stevens	21.0%	16.9%	--	47.6%	--
Swift	38.6%	--	19.3%	56.1%	--
Todd	30.7%	9.0%	8.7%	51.2%	11.8%
Traverse	--	--	--	52.5%	--
Wabasha	29.2%	--	--	34.8%	--
Wadena	36.1%	--	15.0%	68.3%	22.2%
Waseca	42.4%	--	14.7%	59.0%	14.3%
Washington	26.0%	14.6%	7.4%	28.7%	3.7%
Watonwan	54.2%	27.4%	16.1%	70.8%	--
Wilkin	34.8%	--	--	51.5%	--
Winona	33.8%	6.1%	14.2%	40.6%	8.2%
Wright	21.2%	5.7%	4.3%	31.0%	7.0%
Yellow Medicine	23.0%	--	--	44.2%	--

**Table 7b. Selected Characteristics of Births by State/County/CHB, Minnesota Residents, 2018.**

	<b>% To Unmarried Mothers</b>	<b>% To Foreign-Born Mothers</b>	<b>% With No Father Documented</b>	<b>% of Births on Medicaid</b>	<b>% of Mothers Smoked</b>
<b>State of Minnesota</b>	<b>31.9%</b>	<b>19.3%</b>	<b>11.2%</b>	<b>43.9%</b>	<b>7.4%</b>
CHB - Aitkin, Itasca, Koochiching	46.1%	--	21.3%	59.4%	23.3%
CHB - Clearwater, Hubbard, Lake of the Woods	38.6%	--	19.3%	59.4%	18.7%
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow	32.6%	10.6%	11.2%	50.5%	10.1%
CHB - Brown, Nicollet	28.9%	10.0%	8.1%	43.3%	6.2%
CHB - Carlton, Cook, Lake, St. Louis	39.2%	3.6%	13.9%	47.4%	15.8%
CHB - Cottonwood, Jackson	31.2%	9.1%	--	51.1%	13.9%
CHB - Clay, Wilkin, Becker, Otter Tail	31.1%	3.2%	12.5%	49.3%	10.0%
CHB - Douglas, Grant, Pope, Stevens, Traverse	24.2%	5.1%	7.1%	45.1%	12.2%
CHB - Dodge, Steele	31.5%	11.4%	10.6%	41.2%	11.0%
CHB - Fillmore, Houston	27.9%	--	16.7%	36.0%	9.1%
CHB - Faribault, Martin	40.0%	8.5%	12.5%	55.5%	16.0%
CHB - Kittson, Marshall, Pennington, Red Lake,	35.4%	--	9.3%	39.7%	13.2%
CHB - Kandiyohi, Renville	36.6%	21.5%	7.6%	61.9%	8.7%
CHB - Lincoln, Lyon, Murray, Pipestone,	31.2%	12.7%	9.5%	51.2%	10.1%
CHB - LeSueur, Waseca	36.6%	5.0%	13.9%	48.1%	11.3%
CHB - Meeker, McLeod, Sibley	31.0%	5.7%	7.7%	46.1%	10.0%
CHB - Mahnomen, Norman, Polk	36.1%	--	12.4%	55.0%	16.7%
CHB - Morrison, Todd, Wadena	34.4%	5.0%	10.4%	54.0%	15.3%
<b>Metro CHBs</b>					
CHB - Bloomington	28.7%	30.5%	12.6%	40.6%	3.4%
CHB - Edina	9.6%	26.9%	--	13.1%	--
CHB - Minneapolis	37.8%	30.9%	17.6%	52.1%	5.0%
CHB - Richfield	28.2%	31.8%	12.1%	41.9%	--
CHB - St. Paul	48.7%	37.7%	16.5%	66.9%	6.2%

-- 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, 2018.**

	# First Trimester	Adequacy of PNC <sup>1</sup>				Gave birth
	PNC	Intensive	Adequate	Intermediate	Inadequate	Out of State <sup>2</sup>
<b>State of Minnesota</b>	<b>52,486</b>	<b>364</b>	<b>6,210</b>	<b>6,104</b>	<b>29,199</b>	<b>2,534</b>
Aitkin	99	28	72	4	17	0
Anoka	3,629	1,221	2,180	464	325	12
Becker	250	101	165	17	68	63
Beltrami	477	113	327	53	120	22
Benton	466	204	290	26	37	1
Big Stone	48	22	26	2	6	14
Blue Earth	627	358	286	31	54	0
Brown	248	62	180	25	22	1
Carlton	310	83	221	20	29	2
Carver	906	416	536	90	90	3
Cass	229	48	148	37	54	3
Chippewa	141	41	90	18	14	0
Chisago	494	216	264	39	19	57
Clay	13	2	12	0	2	803
Clearwater	81	24	48	16	20	2
Cook	31	5	14	13	10	0
Cottonwood	90	32	59	9	20	12
Crow Wing	573	186	368	50	43	2
Dakota	4,245	2,184	2,117	333	446	16
Dodge	214	29	128	81	12	0
Douglas	389	195	200	12	23	1
Faribault	126	60	66	10	13	1
Fillmore	142	21	80	58	34	52
Freeborn	257	158	99	15	16	7
Goodhue	418	136	219	96	50	7
Grant	42	23	19	2	0	3
Hennepin	12,437	6,289	6,187	1,348	1,766	38
Houston	8	3	5	0	0	175
Hubbard	172	54	110	15	14	7
Isanti	405	140	251	43	37	2
Itasca	370	125	219	44	46	0



**Table 8a. Prenatal Care (PNC) Utilization Counts by State/ County/CHB, Minnesota Residents, 2018.**

	# First Trimester	Adequacy of PNC <sup>1</sup>				Gave birth
	PNC	Intensive	Adequate	Intermediate	Inadequate	Out of State <sup>2</sup>
<b>State of Minnesota</b>	<b>52,486</b>	<b>364</b>	<b>6,210</b>	<b>6,104</b>	<b>29,199</b>	<b>2,534</b>
Jackson	63	24	42	2	5	23
Kanabec	153	50	81	23	22	0
Kandiyohi	463	178	256	58	57	0
Kittson	23	10	10	6	3	24
Koochiching	76	21	46	10	6	2
Lac Qui Parle	43	12	29	5	0	19
Lake	97	26	66	8	4	0
Lake of the Woods	27	5	21	3	2	2
Le Sueur	272	117	154	25	21	0
Lincoln	25	6	22	0	4	38
Lyon	279	79	210	11	17	37
McLeod	336	127	199	38	26	0
Mahnomen	49	10	36	4	28	9
Marshall	23	12	13	0	1	55
Martin	205	79	109	17	21	5
Meeker	257	99	152	22	16	2
Mille Lacs	247	94	133	27	37	3
Morrison	303	143	170	11	26	2
Mower	334	155	223	65	91	0
Murray	50	18	33	3	3	23
Nicollet	275	155	128	16	39	1
Nobles	213	132	96	8	51	70
Norman	6	1	4	1	1	72
Olmsted	1,573	281	857	686	176	9
Otter Tail	467	193	276	21	63	52
Pennington	108	62	48	11	12	33
Pine	183	45	114	27	38	0
Pipestone	74	48	28	4	10	50
Polk	116	27	74	25	16	291
Pope	104	55	56	2	7	0

**Table 8a. Prenatal Care (PNC) Utilization Counts by State/ County/CHB, Minnesota Residents, 2018.**

	# First Trimester	Adequacy of PNC <sup>1</sup>				Gave birth
	PNC	Intensive	Adequate	Intermediate	Inadequate	Out of State <sup>2</sup>
<b>State of Minnesota</b>	<b>52,486</b>	<b>364</b>	<b>6,210</b>	<b>6,104</b>	<b>29,199</b>	<b>2,534</b>
Ramsey	5,632	2,349	3,229	768	1,084	32
Red Lake	25	9	15	3	4	12
Redwood	170	78	82	13	19	6
Renville	150	48	101	12	18	0
Rice	557	249	314	50	89	2
Rock	28	6	30	3	2	56
Roseau	146	60	87	7	6	13
St. Louis	1,596	593	955	108	144	2
Scott	1,380	729	716	105	147	5
Sherburne	1,051	350	617	165	70	3
Sibley	139	45	88	21	18	0
Stearns	1,612	703	1,024	115	208	6
Steele	327	146	176	36	19	2
Stevens	106	50	58	6	7	0
Swift	96	29	65	9	11	0
Todd	244	100	138	18	53	1
Traverse	17	8	11	1	1	19
Wabasha	189	29	123	55	18	4
Wadena	147	66	83	18	11	1
Waseca	180	86	101	9	19	1
Washington	2,307	890	1,345	208	232	41
Watonwan	117	50	71	11	34	0
Wilkin	23	11	15	2	1	36
Winona	275	81	160	54	26	143
Wright	1,508	585	865	185	115	1
Yellow Medicine	83	14	58	12	8	20

**Table 8a. Prenatal Care (PNC) Utilization Counts by State/ County/CHB, Minnesota Residents, 2018.**

	# First Trimester PNC	Adequacy of PNC <sup>1</sup>				Gave birth Out of State <sup>2</sup>
		Intensive	Adequate	Intermediate	Inadequate	
<b>State of Minnesota</b>	<b>52,486</b>	<b>364</b>	<b>6,210</b>	<b>6,104</b>	<b>29,199</b>	<b>2,534</b>
CHB - Aitkin, Itasca, Koochiching	545	174	337	58	69	2
CHB - Clearwater, Hubbard, Lake of the Woods	280	83	179	34	36	11
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	411	118	268	46	39	53
CHB - Brown, Nicollet	523	217	308	41	61	2
CHB - Carlton, Cook, Lake, St. Louis	2,034	707	1,256	149	187	4
CHB - Cottonwood, Jackson	153	56	101	11	25	35
CHB - Clay, Wilkin, Becker, Otter Tail	753	307	468	40	134	954
CHB - Douglas, Grant, Pope, Stevens, Traverse	658	331	344	23	38	23
CHB - Dodge, Steele	541	175	304	117	31	2
CHB - Fillmore, Houston	150	24	85	58	34	227
CHB - Faribault, Martin	331	139	175	27	34	6
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	325	153	173	27	26	137
CHB - Kandiyohi, Renville	613	226	357	70	75	0
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	626	235	405	34	55	210
CHB - LeSueur, Waseca	452	203	255	34	40	1
CHB - Meeker, McLeod, Sibley	732	271	439	81	60	2
CHB - Mahnommen, Norman, Polk	171	38	114	30	45	372
CHB - Morrison, Todd, Wadena	694	309	391	47	90	4

**Table 8a. Prenatal Care (PNC) Utilization Counts by State/ County/CHB, Minnesota Residents, 2018.**

	# First Trimester PNC	Adequacy of PNC <sup>1</sup>				Gave birth Out of State <sup>2</sup>
		Intensive	Adequate	Intermediate	Inadequate	
<b>State of Minnesota</b>	<b>52,486</b>	<b>364</b>	<b>6,210</b>	<b>6,104</b>	<b>29,199</b>	<b>2,534</b>
<b>Metro CHBs</b>						
CHB - Bloomington	761	432	361	70	114	3
CHB - Edina	396	283	148	24	32	1
CHB - Minneapolis	4,276	2,042	2,084	578	887	21
CHB - Richfield	386	245	165	37	50	0
CHB - St. Paul	3,476	1,472	1,936	536	813	17

<sup>1</sup> 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.

<sup>2</sup> 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, 2018.**

	% First Trimester PNC	Adequacy of PNC <sup>1</sup>			Gave birth Out of State <sup>2</sup>	
		Intensive	Adequate	Intermediate		Inadequate
<b>State of Minnesota</b>	<b>77.9%</b>	<b>0.5%</b>	<b>9.2%</b>	<b>9.1%</b>	<b>43.4%</b>	<b>3.8%</b>
Aitkin	81.1%	23.0%	59.0%	--	--	--
Anoka	85.6%	28.8%	51.4%	10.9%	7.7%	--
Becker	58.0%	23.4%	38.3%	--	15.8%	14.6%
Beltrami	74.4%	17.6%	51.0%	8.3%	18.7%	3.4%
Benton	83.5%	36.6%	52.0%	4.7%	6.6%	--
Big Stone	68.6%	31.4%	37.1%	--	--	--
Blue Earth	85.4%	48.8%	39.0%	4.2%	7.4%	--
Brown	85.5%	21.4%	62.1%	8.6%	7.6%	--
Carlton	86.6%	23.2%	61.7%	5.6%	8.1%	--
Carver	78.9%	36.2%	46.7%	7.8%	7.8%	--
Cass	78.2%	16.4%	50.5%	12.6%	18.4%	--
Chippewa	86.0%	25.0%	54.9%	--	--	--
Chisago	82.5%	36.1%	44.1%	6.5%	--	9.5%
Clay	--	--	--	--	--	97.9%
Clearwater	71.1%	21.1%	42.1%	--	17.5%	--
Cook	68.9%	--	--	--	--	--
Cottonwood	67.7%	24.1%	44.4%	--	15.0%	--
Crow Wing	87.9%	28.5%	56.4%	7.7%	6.6%	--
Dakota	82.6%	42.5%	41.2%	6.5%	8.7%	--
Dodge	84.3%	11.4%	50.4%	31.9%	--	--
Douglas	90.3%	45.2%	46.4%	--	5.3%	--
Faribault	80.8%	38.5%	42.3%	--	--	--
Fillmore	57.5%	8.5%	32.4%	23.5%	13.8%	21.1%
Freeborn	84.5%	52.0%	32.6%	--	--	--
Goodhue	80.7%	26.3%	42.3%	18.5%	9.7%	--
Grant	89.4%	48.9%	--	--	--	--
Hennepin	78.5%	39.7%	39.0%	8.5%	11.1%	0.2%
Houston	--	--	--	--	--	95.6%
Hubbard	86.0%	27.0%	55.0%	--	--	--
Isanti	85.3%	29.5%	52.8%	9.1%	7.8%	--

**Table 8b. Prenatal Care (PNC) Utilization Percentages by State/ County/CHB, Minnesota Residents, 2018.**

	% First Trimester PNC	Adequacy of PNC <sup>1</sup>			Gave birth Out of State <sup>2</sup>	
		Intensive	Adequate	Intermediate		Inadequate
<b>State of Minnesota</b>	<b>77.9%</b>	<b>0.5%</b>	<b>9.2%</b>	<b>9.1%</b>	<b>43.4%</b>	<b>3.8%</b>
Itasca	84.1%	28.4%	49.8%	10.0%	10.5%	--
Jackson	64.3%	24.5%	42.9%	--	--	23.5%
Kanabec	86.0%	28.1%	45.5%	12.9%	12.4%	--
Kandiyohi	83.4%	32.1%	46.1%	10.5%	10.3%	--
Kittson	43.4%	--	--	--	--	45.3%
Koochiching	83.5%	23.1%	50.5%	--	--	--
Lac Qui Parle	65.2%	--	43.9%	--	--	--
Lake	93.3%	25.0%	63.5%	--	--	--
Lake of the Woods	81.8%	--	63.6%	--	--	--
Le Sueur	84.0%	36.1%	47.5%	7.7%	6.5%	--
Lincoln	35.7%	--	31.4%	--	--	54.3%
Lyon	78.4%	22.2%	59.0%	--	--	10.4%
McLeod	85.5%	32.3%	50.6%	9.7%	6.6%	--
Mahnomen	54.4%	--	40.0%	--	31.1%	--
Marshall	28.4%	--	--	--	--	67.9%
Martin	84.0%	32.4%	44.7%	--	8.6%	--
Meeker	87.4%	33.7%	51.7%	7.5%	--	--
Mille Lacs	81.8%	31.1%	44.0%	8.9%	12.3%	--
Morrison	85.4%	40.3%	47.9%	--	7.3%	--
Mower	62.0%	28.8%	41.4%	12.1%	16.9%	--
Murray	61.7%	--	40.7%	--	--	28.4%
Nicollet	80.9%	45.6%	37.6%	--	11.5%	--
Nobles	55.2%	34.2%	24.9%	--	13.2%	18.1%
Norman	--	--	--	--	--	88.9%
Olmsted	77.3%	13.8%	42.1%	33.7%	8.6%	--
Otter Tail	76.3%	31.5%	45.1%	3.4%	10.3%	8.5%
Pennington	64.7%	37.1%	28.7%	--	--	19.8%
Pine	81.3%	20.0%	50.7%	12.0%	16.9%	--
Pipestone	52.9%	34.3%	20.0%	--	--	35.7%
Polk	26.7%	6.2%	17.0%	5.7%	--	66.9%
Pope	86.0%	45.5%	46.3%	--	--	--

**Table 8b. Prenatal Care (PNC) Utilization Percentages by State/ County/CHB, Minnesota Residents, 2018.**

	% First Trimester PNC	Adequacy of PNC <sup>1</sup>			Gave birth Out of State <sup>2</sup>	
		Intensive	Adequate	Intermediate		Inadequate
<b>State of Minnesota</b>	<b>77.9%</b>	<b>0.5%</b>	<b>9.2%</b>	<b>9.1%</b>	<b>43.4%</b>	<b>3.8%</b>
Ramsey	75.0%	31.3%	43.0%	10.2%	14.4%	0.4%
Red Lake	58.1%	--	--	--	--	--
Redwood	85.4%	39.2%	41.2%	--	--	--
Renville	83.3%	26.7%	56.1%	--	--	--
Rice	76.5%	34.2%	43.1%	6.9%	12.2%	--
Rock	28.9%	--	30.9%	--	--	57.7%
Roseau	84.4%	34.7%	50.3%	--	--	--
St. Louis	88.0%	32.7%	52.7%	6.0%	7.9%	--
Scott	80.4%	42.5%	41.7%	6.1%	8.6%	--
Sherburne	86.9%	28.9%	51.0%	13.6%	5.8%	--
Sibley	79.4%	25.7%	50.3%	12.0%	--	--
Stearns	78.4%	34.2%	49.8%	5.6%	10.1%	--
Steele	84.9%	37.9%	45.7%	9.4%	--	--
Stevens	85.5%	40.3%	46.8%	--	--	--
Swift	84.2%	25.4%	57.0%	--	--	--
Todd	75.8%	31.1%	42.9%	--	16.5%	--
Traverse	--	--	--	--	--	--
Wabasha	81.1%	12.4%	52.8%	23.6%	--	--
Wadena	81.7%	36.7%	46.1%	--	--	--
Waseca	82.9%	39.6%	46.5%	--	--	--
Washington	84.4%	32.6%	49.2%	7.6%	8.5%	1.5%
Watonwan	69.6%	29.8%	42.3%	--	20.2%	--
Wilkin	34.8%	--	--	--	--	54.5%
Winona	58.1%	17.1%	33.8%	11.4%	5.5%	30.2%
Wright	85.3%	33.1%	49.0%	10.5%	6.5%	--
Yellow Medicine	73.5%	--	51.3%	--	--	17.7%

**Table 8b. Prenatal Care (PNC) Utilization Percentages by State/ County/CHB, Minnesota Residents, 2018.**

	% First Trimester PNC	Adequacy of PNC <sup>1</sup>			Gave birth Out of State <sup>2</sup>	
		Intensive	Adequate	Intermediate		Inadequate
<b>State of Minnesota</b>	<b>77.9%</b>	<b>0.5%</b>	<b>9.2%</b>	<b>9.1%</b>	<b>43.4%</b>	<b>3.8%</b>
CHB - Aitkin, Itasca, Koochiching	83.5%	26.6%	51.6%	8.9%	10.6%	--
CHB - Clearwater, Hubbard, Lake of the Woods	80.7%	23.9%	51.6%	9.8%	10.4%	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	78.0%	22.4%	50.9%	8.7%	7.4%	10.1%
CHB - Brown, Nicollet	83.0%	34.4%	48.9%	6.5%	9.7%	--
CHB - Carlton, Cook, Lake, St. Louis	87.7%	30.5%	54.1%	6.4%	8.1%	--
CHB - Cottonwood, Jackson	66.2%	24.2%	43.7%	--	10.8%	15.2%
CHB - Clay, Wilkin, Becker, Otter Tail	39.0%	15.9%	24.3%	2.1%	6.9%	49.5%
CHB - Douglas, Grant, Pope, Stevens, Traverse	86.2%	43.4%	45.1%	3.0%	5.0%	3.0%
CHB - Dodge, Steele	84.7%	27.4%	47.6%	18.3%	4.9%	--
CHB - Fillmore, Houston	34.9%	5.6%	19.8%	13.5%	7.9%	52.8%
CHB - Faribault, Martin	82.8%	34.8%	43.8%	6.8%	8.5%	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	62.9%	29.6%	33.5%	5.2%	5.0%	26.5%
CHB - Kandiyohi, Renville	83.4%	30.7%	48.6%	9.5%	10.2%	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	66.4%	24.9%	42.9%	3.6%	5.8%	22.3%
CHB - LeSueur, Waseca	83.5%	37.5%	47.1%	6.3%	7.4%	--
CHB - Meeker, McLeod, Sibley	84.9%	31.4%	50.9%	9.4%	7.0%	--
CHB - Mahnomen, Norman, Polk	28.2%	6.3%	18.8%	5.0%	7.4%	61.4%
CHB - Morrison, Todd, Wadena	81.0%	36.1%	45.6%	5.5%	10.5%	--



**Table 8b. Prenatal Care (PNC) Utilization Percentages by State/ County/CHB, Minnesota Residents, 2018.**

	% First Trimester PNC	Adequacy of PNC <sup>1</sup>			Gave birth Out of State <sup>2</sup>	
		Intensive	Adequate	Intermediate		Inadequate
<b>State of Minnesota</b>	<b>77.9%</b>	<b>0.5%</b>	<b>9.2%</b>	<b>9.1%</b>	<b>43.4%</b>	<b>3.8%</b>
<b>Metro CHBs</b>						
CHB - Bloomington	76.1%	43.2%	36.1%	7.0%	11.4%	--
CHB - Edina	79.5%	56.8%	29.7%	4.8%	6.4%	--
CHB - Minneapolis	75.1%	35.9%	36.6%	10.2%	15.6%	0.4%
CHB - Richfield	76.7%	48.7%	32.8%	7.4%	9.9%	--
CHB - St. Paul	72.3%	30.6%	40.2%	11.1%	16.9%	--

<sup>1</sup> 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.

<sup>2</sup> 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, 2018.**

	# Vaginal	# VBAC <sup>1</sup>	# Total <sup>2</sup> Cesarean
<b>State of Minnesota</b>	<b>47,849</b>	<b>1,317</b>	<b>18,154</b>
Aitkin	86	3	33
Anoka	3,053	73	1,115
Becker	307	9	115
Beltrami	452	22	167
Benton	387	11	160
Big Stone	45	0	25
Blue Earth	524	4	206
Brown	191	1	98
Carlton	258	9	91
Carver	795	17	336
Cass	197	6	90
Chippewa	115	1	48
Chisago	414	9	176
Clay	578	0	242
Clearwater	78	3	31
Cook	35	2	8
Cottonwood	95	1	37
Crow Wing	474	10	168
Dakota	3,581	80	1,478
Dodge	204	8	42
Douglas	307	4	120
Faribault	100	0	56
Fillmore	200	6	40
Freeborn	201	6	97
Goodhue	382	8	128
Grant	34	1	12
Hennepin	11,318	281	4,240
Houston	146	2	35
Hubbard	151	4	45
Isanti	332	3	140
Itasca	299	9	132
Jackson	59	0	39
Kanabec	128	2	47
Kandiyohi	403	15	137
Kittson	30	1	22
Koochiching	55	3	33
Lac Qui Parle	49	0	17
Lake	83	2	19
Lake of the Woods	19	1	13
Le Sueur	210	5	108
Lincoln	59	1	10
Lyon	266	1	89
McLeod	275	5	113
Mahnomen	67	0	22

**Table 9a. Method of Delivery Counts by State/County/CHB, Minnesota Residents, 2018.**

	# Vaginal	# VBAC <sup>1</sup>	# Total <sup>2</sup> Cesarean
<b>State of Minnesota</b>	<b>47,849</b>	<b>1,317</b>	<b>18,154</b>
Marshall	57	0	24
Martin	169	1	74
Meeker	199	4	91
Mille Lacs	219	1	80
Morrison	251	6	98
Mower	363	20	156
Murray	59	1	21
Nicollet	230	2	108
Nobles	291	5	90
Norman	61	0	20
Olmsted	1,461	59	515
Otter Tail	438	9	165
Pennington	109	0	58
Pine	154	0	71
Pipestone	107	3	30
Polk	338	2	95
Pope	83	4	34
Ramsey	5,495	202	1,816
Red Lake	26	0	17
Redwood	130	5	64
Renville	121	2	57
Rice	490	15	223
Rock	69	1	27
Roseau	113	3	57
St. Louis	1,297	48	468
Scott	1,175	26	515
Sherburne	839	25	346
Sibley	125	2	48
Stearns	1,451	70	536
Steele	255	4	126
Stevens	78	1	45
Swift	78	1	35
Todd	221	11	88
Traverse	27	1	12
Wabasha	172	11	50
Wadena	126	10	44
Waseca	149	1	67
Washington	1,877	80	775
Watonwan	122	2	44
Wilkin	46	0	20
Winona	358	5	107
Wright	1,293	45	429
Yellow Medicine	85	0	28

**Table 9a. Method of Delivery Counts by State/County/CHB, Minnesota Residents, 2018.**

	# Vaginal	# VBAC <sup>1</sup>	# Total <sup>2</sup> Cesarean
<b>State of Minnesota</b>	<b>47,849</b>	<b>1,317</b>	<b>18,154</b>
CHB - Aitkin, Itasca, Koochiching	440	15	198
CHB - Clearwater, Hubbard, Lake of the Woods	248	8	89
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	372	2	153
CHB - Brown, Nicollet	421	3	206
CHB - Carlton, Cook, Lake, St. Louis	1,673	61	586
CHB - Cottonwood, Jackson	154	1	76
CHB - Clay, Wilkin, Becker, Otter Tail	1,369	18	542
CHB - Douglas, Grant, Pope, Stevens, Traverse	529	11	223
CHB - Dodge, Steele	459	12	168
CHB - Fillmore, Houston	346	8	75
CHB - Faribault, Martin	269	1	130
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	335	4	178
CHB - Kandiyohi, Renville	524	17	194
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	690	12	241
CHB - LeSueur, Waseca	359	6	175
CHB - Meeker, McLeod, Sibley	599	11	252
CHB - Mahnomen, Norman, Polk	466	2	137
CHB - Morrison, Todd, Wadena	598	27	230
<b>Metro CHBs</b>			
CHB - Bloomington	710	20	269
CHB - Edina	344	6	148
CHB - Minneapolis	4,134	106	1,450
CHB - Richfield	354	2	147
CHB - St. Paul	3,569	130	1,112

<sup>1</sup> Vaginal Birth after [previous] C-section.

<sup>2</sup> 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, 2018.**

	# Vaginal	# VBAC <sup>1</sup>	# Total <sup>2</sup> Cesarean
<b>State of Minnesota</b>	<b>71.1%</b>	<b>2.0%</b>	<b>27.0%</b>
Aitkin	70.5%	--	27.0%
Anoka	72.0%	1.7%	26.3%
Becker	71.2%	--	26.7%
Beltrami	70.5%	3.4%	26.1%
Benton	69.4%	--	28.7%
Big Stone	64.3%	--	35.7%
Blue Earth	71.4%	--	28.1%
Brown	65.9%	--	33.8%
Carlton	72.1%	--	25.4%
Carver	69.3%	--	29.3%
Cass	67.2%	--	30.7%
Chippewa	70.1%	--	29.3%
Chisago	69.1%	--	29.4%
Clay	70.5%	--	29.5%
Clearwater	68.4%	--	27.2%
Cook	77.8%	--	--
Cottonwood	71.4%	--	27.8%
Crow Wing	72.7%	--	25.8%
Dakota	69.7%	1.6%	28.8%
Dodge	80.3%	--	16.5%
Douglas	71.2%	--	27.8%
Faribault	64.1%	--	35.9%
Fillmore	81.0%	--	16.2%
Freeborn	66.1%	--	31.9%
Goodhue	73.7%	--	24.7%
Grant	72.3%	--	--
Hennepin	71.4%	1.8%	26.8%
Houston	79.8%	--	19.1%
Hubbard	75.5%	--	22.5%
Isanti	69.9%	--	29.5%
Itasca	68.0%	--	30.0%
Jackson	60.2%	--	39.8%
Kanabec	71.9%	--	26.4%
Kandiyohi	72.6%	--	24.7%
Kittson	56.6%	--	41.5%
Koochiching	60.4%	--	36.3%
Lac Qui Parle	74.2%	--	--
Lake	79.8%	--	--
Lake of the Woods	--	--	--
Le Sueur	64.8%	--	33.3%
Lincoln	84.3%	--	--
Lyon	74.7%	--	25.0%
McLeod	70.0%	--	28.8%
Mahnomen	74.4%	--	24.4%

**Table 9b. Method of Delivery Percentages by State/County/CHB, Minnesota Residents, 2018.**

	# Vaginal	# VBAC <sup>1</sup>	# Total <sup>2</sup> Cesarean
<b>State of Minnesota</b>	<b>71.1%</b>	<b>2.0%</b>	<b>27.0%</b>
Marshall	70.4%	--	29.6%
Martin	69.3%	--	30.3%
Meeker	67.7%	--	31.0%
Mille Lacs	72.5%	--	26.5%
Morrison	70.7%	--	27.6%
Mower	67.3%	3.7%	28.9%
Murray	72.8%	--	25.9%
Nicollet	67.6%	--	31.8%
Nobles	75.4%	--	23.3%
Norman	75.3%	--	24.7%
Olmsted	71.8%	2.9%	25.3%
Otter Tail	71.6%	--	27.0%
Pennington	65.3%	--	34.7%
Pine	68.4%	--	31.6%
Pipestone	76.4%	--	21.4%
Polk	77.7%	--	21.8%
Pope	68.6%	--	28.1%
Ramsey	73.1%	2.7%	24.2%
Red Lake	60.5%	--	--
Redwood	65.3%	--	32.2%
Renville	67.2%	--	31.7%
Rice	67.3%	--	30.6%
Rock	71.1%	--	27.8%
Roseau	65.3%	--	32.9%
St. Louis	71.5%	2.6%	25.8%
Scott	68.4%	1.5%	30.0%
Sherburne	69.3%	2.1%	28.6%
Sibley	71.4%	--	27.4%
Stearns	70.5%	3.4%	26.1%
Steele	66.2%	--	32.7%
Stevens	62.9%	--	36.3%
Swift	68.4%	--	30.7%
Todd	68.6%	--	27.3%
Traverse	67.5%	--	--
Wabasha	73.8%	--	21.5%
Wadena	70.0%	--	24.4%
Waseca	68.7%	--	30.9%
Washington	68.7%	2.9%	28.4%
Watonwan	72.6%	--	26.2%
Wilkin	69.7%	--	30.3%
Winona	75.7%	--	22.6%
Wright	73.2%	2.5%	24.3%
Yellow Medicine	75.2%	--	24.8%

**Table 9b. Method of Delivery Percentages by State/County/CHB, Minnesota Residents, 2018.**

	# Vaginal	# VBAC <sup>1</sup>	# Total <sup>2</sup> Cesarean
<b>State of Minnesota</b>	<b>71.1%</b>	<b>2.0%</b>	<b>27.0%</b>
CHB - Aitkin, Itasca, Koochiching	67.4%	--	30.3%
CHB - Clearwater, Hubbard, Lake of the Woods	71.5%	--	25.6%
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	70.6%	--	29.0%
CHB - Brown, Nicollet	66.8%	--	32.7%
CHB - Carlton, Cook, Lake, St. Louis	72.1%	2.6%	25.3%
CHB - Cottonwood, Jackson	66.7%	--	32.9%
CHB - Clay, Wilkin, Becker, Otter Tail	71.0%	--	28.1%
CHB - Douglas, Grant, Pope, Stevens, Traverse	69.3%	--	29.2%
CHB - Dodge, Steele	71.8%	--	26.3%
CHB - Fillmore, Houston	80.5%	--	17.4%
CHB - Faribault, Martin	67.3%	--	32.5%
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	64.8%	--	34.4%
CHB - Kandiyohi, Renville	71.3%	--	26.4%
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	73.2%	--	25.6%
CHB - LeSueur, Waseca	66.4%	--	32.3%
CHB - Meeker, McLeod, Sibley	69.5%	--	29.2%
CHB - Mahnomen, Norman, Polk	76.9%	--	22.6%
CHB - Morrison, Todd, Wadena	69.8%	3.2%	26.8%
<b>Metro CHBs</b>			
CHB - Bloomington	71.0%	2.0%	26.9%
CHB - Edina	69.1%	--	29.7%
CHB - Minneapolis	72.6%	1.9%	25.5%
CHB - Richfield	70.4%	--	29.2%
CHB - St. Paul	74.2%	2.7%	23.1%

<sup>1</sup> Vaginal Birth after [previous] C-section.

<sup>2</sup> 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, 2018.**

	Number singleton <sup>1</sup>	Number Preterm	% Preterm <sup>2</sup>	Number LBW	% LBW <sup>3</sup>	Number Very LBW <sup>3</sup>	% Very LBW <sup>3</sup>
<b>State of Minnesota</b>	<b>65,012</b>	<b>4,645</b>	<b>7.1%</b>	<b>3,469</b>	<b>4.4%</b>	<b>594</b>	<b>0.9%</b>
Aitkin	122	5	--	5	--	1	--
Anoka	4,077	300	7.4%	182	4.5%	34	0.8%
Becker	415	29	7.0%	16	--	3	--
Beltrami	629	56	8.9%	41	6.5%	6	--
Benton	530	40	7.5%	19	--	7	--
Big Stone	66	3	--	5	--	1	--
Blue Earth	717	43	6.0%	36	5.0%	5	--
Brown	283	13	--	13	--	2	--
Carlton	348	25	7.2%	10	--	2	--
Carver	1,099	91	8.3%	52	4.7%	10	--
Cass	289	16	--	12	--	0	--
Chippewa	158	12	--	8	--	2	--
Chisago	571	46	8.1%	35	6.1%	2	--
Clay	786	58	7.4%	47	6.0%	4	--
Clearwater	108	7	--	5	--	2	--
Cook	45	5	--	6	--	0	--
Cottonwood	133	7	--	9	--	1	--
Crow Wing	630	39	6.2%	26	4.1%	8	--
Dakota	4,969	356	7.2%	266	5.4%	35	0.7%
Dodge	250	14	--	11	--	2	--
Douglas	420	30	7.1%	15	--	3	--
Faribault	154	9	--	9	--	1	--
Fillmore	241	11	--	4	--	0	--
Freeborn	299	22	7.4%	16	--	5	--
Goodhue	498	32	6.4%	27	5.4%	9	--
Grant	47	7	--	4	--	0	--
Hennepin	15,268	1,115	7.3%	873	5.7%	148	1.0%
Houston	174	5	--	5	--	0	--
Hubbard	190	16	--	11	--	3	--
Isanti	463	30	6.5%	23	5.0%	3	--
Itasca	421	39	9.3%	24	5.7%	3	--
Jackson	92	6	--	5	--	2	--
Kanabec	176	14	--	10	--	2	--
Kandiyohi	539	39	7.2%	30	5.6%	8	--
Kittson	47	1	--	0	--	0	--
Koochiching	87	8	--	10	--	2	--
Lac Qui Parle	64	7	--	4	--	0	--
Lake	101	9	--	5	--	0	--
Lake of the Woods	33	5	--	2	--	0	--
Le Sueur	314	22	7.0%	12	--	4	--
Lincoln	70	5	--	2	--	0	--
Lyon	350	17	--	11	--	2	--
McLeod	375	29	7.7%	19	--	2	--
Mahnomen	90	13	--	11	--	3	--



**Table 10. Preterm and Birth Weight of Singleton Births by State/County/ CHB, Minnesota Residents, 2018.**

	Number singleton <sup>1</sup>	Number Preterm	% Preterm <sup>2</sup>	Number LBW	% LBW <sup>3</sup>	Number Very LBW <sup>3</sup>	% Very LBW <sup>3</sup>
<b>State of Minnesota</b>	<b>65,012</b>	<b>4,645</b>	<b>7.1%</b>	<b>3,469</b>	<b>4.4%</b>	<b>594</b>	<b>0.9%</b>
Marshall	73	4	--	2	--	0	--
Martin	237	18	--	12	--	2	--
Meeker	284	17	--	15	--	2	--
Mille Lacs	296	32	10.8%	24	8.1%	4	--
Morrison	336	31	9.2%	16	--	3	--
Mower	521	41	7.9%	36	6.9%	9	--
Murray	77	3	--	1	--	0	--
Nicollet	313	24	7.7%	11	--	1	--
Nobles	380	26	6.8%	27	7.1%	3	--
Norman	81	4	--	6	--	0	--
Olmsted	1,977	102	5.2%	93	4.7%	19	--
Otter Tail	578	26	4.5%	28	4.8%	3	--
Pennington	161	13	--	6	--	0	--
Pine	221	21	9.5%	9	--	1	--
Pipestone	130	11	--	7	--	1	--
Polk	427	27	6.3%	12	--	3	--
Pope	121	10	--	7	--	1	--
Ramsey	7,269	521	7.2%	476	6.5%	95	1.3%
Red Lake	41	5	--	4	--	0	--
Redwood	187	17	--	9	--	1	--
Renville	172	10	--	10	--	3	--
Rice	708	46	6.5%	30	4.2%	6	--
Rock	93	6	--	4	--	1	--
Roseau	165	15	--	12	--	2	--
St. Louis	1,760	140	8.0%	102	5.8%	14	--
Scott	1,646	124	7.5%	82	5.0%	18	--
Sherburne	1,170	80	6.8%	63	5.4%	12	--
Sibley	173	6	--	4	--	0	--
Stearns	1,976	151	7.6%	108	5.5%	17	--
Steele	373	26	7.0%	21	5.6%	2	--
Stevens	120	5	--	3	--	0	--
Swift	110	8	--	8	--	2	--
Todd	316	22	7.0%	18	--	2	--
Traverse	40	3	--	1	--	0	--
Wabasha	223	13	--	6	--	0	--
Wadena	174	19	--	11	--	1	--
Waseca	213	13	--	11	--	1	--
Washington	2,616	188	7.2%	130	5.0%	25	1.0%
Watonwan	166	14	--	10	--	1	--
Wilkin	66	5	--	2	--	1	--
Winona	463	37	8.0%	30	6.5%	3	--
Wright	1,708	100	5.9%	61	3.6%	8	--
Yellow Medicine	113	5	--	5	--	0	--

**Table 10. Preterm and Birth Weight of Singleton Births by State/County/ CHB, Minnesota Residents, 2018.**

	Number singleton <sup>1</sup>	Number Preterm	% Preterm <sup>2</sup>	Number LBW	% LBW <sup>3</sup>	Number Very LBW <sup>3</sup>	% Very LBW <sup>3</sup>
<b>State of Minnesota</b>	<b>65,012</b>	<b>4,645</b>	<b>7.1%</b>	<b>3,469</b>	<b>4.4%</b>	<b>594</b>	<b>0.9%</b>
CHB - Aitkin, Itasca, Koochiching	630	52	8.3%	39	6.2%	6	--
CHB - Clearwater, Hubbard, Lake of the Woods	331	28	8.5%	18	--	5	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	511	35	6.8%	30	5.9%	5	--
CHB - Brown, Nicollet	596	37	6.2%	24	4.0%	3	--
CHB - Carlton, Cook, Lake, St. Louis	2,254	179	7.9%	123	5.5%	16	--
CHB - Cottonwood, Jackson	225	13	--	14	--	3	--
CHB - Clay, Wilkin, Becker, Otter Tail	1,845	118	6.4%	93	5.0%	11	--
CHB - Douglas, Grant, Pope, Stevens, Traverse	748	55	7.4%	30	4.0%	4	--
CHB - Dodge, Steele	623	40	6.4%	32	5.1%	4	--
CHB - Fillmore, Houston	415	16	--	9	--	0	--
CHB - Faribault, Martin	391	27	6.9%	21	5.4%	3	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	487	38	7.8%	24	4.9%	2	--
CHB - Kandiyohi, Renville	711	49	6.9%	40	5.6%	11	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	907	59	6.5%	34	3.7%	5	--
CHB - LeSueur, Waseca	527	35	6.6%	23	4.4%	5	--
CHB - Meeker, McLeod, Sibley	832	52	6.3%	38	4.6%	4	--
CHB - Mahnomen, Norman, Polk	598	44	7.4%	29	4.8%	6	--
CHB - Morrison, Todd, Wadena	826	72	8.7%	45	5.4%	6	--

**Table 10. Preterm and Birth Weight of Singleton Births by State/County/ CHB, Minnesota Residents, 2018.**

	Number singleton <sup>1</sup>	Number Preterm	% Preterm <sup>2</sup>	Number LBW	% LBW <sup>3</sup>	Number Very LBW <sup>3</sup>	% Very LBW <sup>3</sup>
<b>State of Minnesota</b>	<b>65,012</b>	<b>4,645</b>	<b>7.1%</b>	<b>3,469</b>	<b>4.4%</b>	<b>594</b>	<b>0.9%</b>
<b>Metro CHBs</b>							
CHB - Bloomington	972	70	7.2%	46	4.7%	32	--
CHB - Edina	487	28	5.7%	28	5.7%	27	--
CHB - Minneapolis	5,510	533	9.7%	463	8.4%	387	1.4%
CHB - Richfield	485	57	11.8%	37	7.6%	31	--
CHB - St. Paul	4,646	431	9.3%	419	9.0%	340	1.7%

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

<sup>2</sup> Preterm are infants born before 37 weeks of gestation.

<sup>3</sup> 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 Deaths<sup>1</sup> by State/County/CHB, Minnesota Residents, 2013-2017.**

State/County/CHB	Birth Period <sup>2</sup>			
	1998-2002	2003-2007	2008-2012	2013-2017
<b>State of Minnesota</b>	<b>1,867</b>	<b>1,798</b>	<b>1,721</b>	<b>1,724</b>
Aitkin	3	2	1	8
Anoka	95	102	102	86
Becker	15	12	14	9
Beltrami	21	27	34	30
Benton	16	24	12	14
Big Stone	1	1	3	2
Blue Earth	12	12	19	22
Brown	4	7	4	6
Carlton	13	7	10	7
Carver	24	14	27	24
Cass	11	14	11	17
Chippewa	4	0	4	3
Chisago	11	18	17	12
Clay	23	28	24	19
Clearwater	5	3	3	2
Cook	4	0	2	4
Cottonwood	4	3	4	5
Crow Wing	17	19	19	10
Dakota	116	130	106	109
Dodge	8	10	5	5
Douglas	7	13	10	12
Faribault	3	2	3	2
Fillmore	10	7	3	7
Freeborn	12	10	11	8
Goodhue	11	12	15	9
Grant	0	0	2	2
Hennepin	471	429	410	414
Houston	8	5	4	3
Hubbard	7	4	4	10
Isanti	8	12	10	14
Itasca	14	20	9	15
Jackson	1	4	2	4
Kanabec	4	3	3	6
Kandiyohi	10	10	12	12
Kittson	2	0	1	1
Koochiching	10	3	1	1
Lac Qui Parle	1	4	3	1
Lake	5	5	3	4
Lake of the Woods	1	2	2	0
Le Sueur	7	3	3	10
Lincoln	1	1	1	0
Lyon	12	10	11	5
McLeod	20	9	6	11
Mahnomen	3	2	7	6

**Table 11. Number of Infant Deaths<sup>1</sup> by State/County/CHB, Minnesota Residents, 2013-2017.**

State/County/CHB	Birth Period <sup>2</sup>			
	1998-2002	2003-2007	2008-2012	2013-2017
<b>State of Minnesota</b>	<b>1,867</b>	<b>1,798</b>	<b>1,721</b>	<b>1,724</b>
Marshall	5	5	1	5
Martin	6	5	4	4
Meeker	4	8	7	5
Mille Lacs	9	14	8	11
Morrison	16	11	11	8
Mower	12	12	14	13
Murray	2	4	1	2
Nicollet	4	14	14	7
Nobles	5	11	8	9
Norman	2	0	1	2
Olmsted	61	42	70	36
Otter Tail	19	7	15	13
Pennington	5	3	6	5
Pine	9	10	15	10
Pipestone	6	1	2	3
Polk	6	16	9	17
Pope	3	0	7	4
Ramsey	282	240	222	244
Red Lake	2	1	0	0
Redwood	6	0	3	7
Renville	4	3	5	0
Rice	23	11	15	21
Rock	3	1	1	4
Roseau	7	6	4	7
St. Louis	65	50	55	61
Scott	22	46	35	35
Sherburne	21	30	30	23
Sibley	3	0	3	3
Stearns	46	57	39	51
Steele	14	10	8	9
Stevens	4	2	3	3
Swift	2	5	1	3
Todd	10	7	8	10
Traverse	2	1	1	2
Wabasha	10	2	7	6
Wadena	1	8	4	5
Waseca	3	5	7	2
Washington	71	65	62	64
Watonwan	4	9	6	5
Wilkin	3	3	0	3
Winona	17	19	10	18
Wright	31	48	41	30
Yellow Medicine	2	3	1	3

**Table 11. Number of Infant Deaths<sup>1</sup> by State/County/CHB, Minnesota Residents, 2013-2017.**

State/County/CHB	Birth Period <sup>2</sup>			
	1998-2002	2003-2007	2008-2012	2013-2017
<b>State of Minnesota</b>	<b>1,867</b>	<b>1,798</b>	<b>1,721</b>	<b>1,724</b>
CHB - Aitkin, Itasca, Koochiching	27	25	11	24
CHB - Clearwater, Hubbard, Lake of the Woods	13	9	9	12
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	10	13	12	12
CHB - Brown, Nicollet	8	21	18	13
CHB - Carlton, Cook, Lake, St. Louis	87	62	70	76
CHB - Cottonwood, Jackson	5	7	6	9
CHB - Clay, Wilkin, Becker, Otter Tail	60	50	53	44
CHB - Douglas, Grant, Pope, Stevens, Traverse	16	16	23	23
CHB - Dodge, Steele	22	20	13	14
CHB - Fillmore, Houston	18	12	7	10
CHB - Faribault, Martin	9	7	7	6
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	21	15	12	18
CHB - Kandiyohi, Renville	14	13	17	12
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	30	17	19	21
CHB - LeSueur, Waseca	10	8	10	12
CHB - Meeker, McLeod, Sibley	27	17	16	19
CHB - Mahnomen, Norman, Polk	11	18	17	25
CHB - Morrison, Todd, Wadena	27	26	23	23
<b>Metro CHBs</b>				
CHB - Bloomington	25	19	14	14
CHB - Edina	13	4	1	4
CHB - Minneapolis	215	217	124	166
CHB - Richfield	15	11	7	5
CHB - St. Paul	220	177	95	142

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

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## Mortality Tables

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Table 1. Summary of Deaths and Death Rates, Minnesota Residents, 2018

Table 2. Number of Deaths by Age Group, Minnesota Residents, 2018

Table 3. Age-Specific Crude Death Rates, Minnesota Residents, 2018

Table 4. Leading Causes of Death Counts, Minnesota Residents, 2018

Table 5. Cause-Specific Crude Death Rates, Minnesota Residents, 2018

Table 6. Cause-Specific Death Counts, Minnesota Residents, 2014-2018

Table 7. Age-Adjusted Cause-Specific Death Rates, Minnesota Residents, 2014-2018

Table 8. Cause-Specific Premature Death Counts, Minnesota Residents, 2014-2018

Table 9. Age-Adjusted Cause-Specific Premature Death Rates, Minnesota Residents, 2014-2018



**Mortality Table 1. Summary of Deaths to Minnesota Residents by State/County/CHB, 2018.**

State/County/CHB	Deaths	Crude Death Rate <sup>1</sup>	Age-Adjusted Death Rate <sup>2</sup>	Premature Deaths <sup>3</sup>	
				Deaths	Age Adj. Rate
<b>State of Minnesota</b>	44,715	796.9	647.5	17,252	264.4
Aitkin	203	1,276.6	680.4	87	359.4
Anoka	2,240	633.1	611.3	1,036	238.7
Becker	359	1,044.5	742.7	144	309.7
Beltrami	431	920.0	776.4	196	376.8
Benton	393	969.3	837.1	133	295.8
Big Stone	76	1,523.4	676.8	17	243.4
Blue Earth	516	765.3	678.9	184	253.3
Brown	295	1,174.8	679.2	93	289.9
Carlton	386	1,077.1	811.6	145	306.5
Carver	545	526.3	549.4	203	169.4
Cass	338	1,145.0	718.3	172	388.1
Chippewa	167	1,400.5	807.5	47	305.0
Chisago	444	794.0	693.0	179	240.3
Clay	474	741.1	658.2	158	233.2
Clearwater	85	964.8	631.0	38	304.2
Cook	49	908.6	512.5	21	222.3
Cottonwood	136	1,206.0	660.7	40	261.0
Crow Wing	724	1,115.8	715.7	263	290.0
Dakota	2,683	630.7	581.0	1,075	204.5
Dodge	168	806.8	705.5	58	238.1
Douglas	441	1,161.6	666.1	149	261.4
Faribault	183	1,330.1	741.1	69	340.9
Fillmore	255	1,210.9	702.1	73	263.5
Freeborn	373	1,225.2	714.3	112	271.3
Goodhue	482	1,038.7	685.8	178	284.1
Grant	69	1,146.0	650.3	29	323.1
Hennepin	8,767	696.1	623.4	3,532	237.7
Houston	202	1,087.3	633.3	72	239.8
Hubbard	230	1,078.2	688.6	95	308.8
Isanti	345	863.2	728.0	153	316.0
Itasca	550	1,219.3	735.6	220	313.9
Jackson	115	1,160.3	589.5	24	164.2
Kanabec	120	740.4	527.8	51	219.0
Kandiyohi	437	1,019.7	699.8	149	276.0
Kittson	57	1,341.8	694.6	16	235.7
Koochiching	161	1,294.2	766.2	65	358.8
Lac Qui Parle	97	1,456.9	609.9	32	270.8
Lake	159	1,491.8	802.5	63	392.0
Lake of the Woods	38	1,011.2	689.8	11	268.9
Le Sueur	224	786.1	602.8	86	218.1
Lincoln	82	1,445.4	732.2	25	347.4
Lyon	215	838.9	591.4	64	206.5
McLeod	324	903.2	607.3	96	208.1
Mahnomen	70	1,268.3	1,039.8	37	607.1

**Mortality Table 1. Summary of Deaths to Minnesota Residents by State/County/CHB, 2018.**

State/County/CHB	Deaths	Crude Death Rate <sup>1</sup>	Age-Adjusted Death Rate <sup>2</sup>	Premature Deaths <sup>3</sup>	
				Deaths	Age Adj. Rate
<b>State of Minnesota</b>	44,715	796.9	647.5	17,252	264.4
Marshall	82	873.3	563.8	41	323.8
Martin	243	1,228.2	655.9	76	269.3
Meeker	240	1,037.1	668.6	87	260.8
Mille Lacs	296	1,132.4	855.9	113	368.6
Morrison	362	1,091.4	726.2	143	319.8
Mower	402	1,004.7	660.5	130	267.5
Murray	89	1,075.4	598.6	27	255.1
Nicollet	270	789.0	633.6	77	182.1
Nobles	203	925.9	650.8	65	261.2
Norman	104	1,606.2	907.8	36	363.1
Olmsted	1,183	757.0	604.0	424	227.3
Otter Tail	691	1,174.9	672.4	217	261.6
Pennington	140	987.4	682.7	58	328.6
Pine	288	976.8	668.8	130	307.7
Pipestone	122	1,348.5	750.1	35	317.6
Polk	366	1,160.8	783.7	128	310.8
Pope	137	1,234.6	698.5	41	273.5
Ramsey	4,392	798.2	706.3	1,729	271.5
Red Lake	39	975.2	682.8	24	470.6
Redwood	168	1,101.7	656.9	56	275.6
Renville	166	1,136.1	652.4	55	263.8
Rice	513	771.2	647.6	189	235.7
Rock	107	1,136.6	688.8	34	287.3
Roseau	126	831.7	638.4	42	241.4
St. Louis	2,135	1,068.8	753.5	863	324.2
Scott	686	465.5	549.0	283	175.7
Sherburne	540	562.3	659.6	230	217.9
Sibley	147	978.2	672.6	44	236.5
Stearns	1,121	703.9	601.2	442	242.7
Steele	319	866.8	615.7	116	247.2
Stevens	83	851.0	509.8	19	167.8
Swift	113	1,209.2	706.0	39	331.7
Todd	214	870.6	545.8	83	229.9
Traverse	66	1,995.2	924.1	15	381.1
Wabasha	200	924.0	551.8	73	216.0
Wadena	216	1,568.3	939.9	67	384.1
Waseca	183	979.1	684.3	51	210.2
Washington	1,707	658.6	586.1	689	212.7
Watonwan	128	1,165.8	696.6	36	276.6
Wilkin	89	1,423.1	895.1	18	224.6
Winona	425	836.2	649.2	176	280.5
Wright	813	596.3	617.0	332	214.1
Yellow Medicine	93	949.5	546.7	29	221.0

**Mortality Table 1. Summary of Deaths to Minnesota Residents by State/County/CHB, 2018.**

State/County/CHB	Deaths	Crude Death Rate <sup>1</sup>	Age-Adjusted Death Rate <sup>2</sup>	Premature Deaths <sup>3</sup>	
				Deaths	Age Adj. Rate
<b>State of Minnesota</b>	44,715	796.9	647.5	17,252	264.4
CHB - Aitkin, Itasca, Koochiching	914	1,244.4	718.1	372	327.1
CHB - Clearwater, Hubbard, Lake of the Woods	353	1,041.3	670.0	144	298.9
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	546	1,278.4	678.1	164	282.7
CHB - Brown, Nicollet	565	952.3	646.8	170	227.9
CHB - Carlton, Cook, Lake, St. Louis	2,729	1,084.5	755.5	1,092	321.6
CHB - Cottonwood, Jackson	251	1,184.6	627.5	64	215.7
CHB - Clay, Wilkin, Becker, Otter Tail	1,613	987.2	686.2	537	255.6
CHB - Douglas, Grant, Pope, Stevens, Traverse	796	1,168.1	663.2	253	261.4
CHB - Dodge, Steele	487	845.1	642.8	174	244.5
CHB - Fillmore, Houston	457	1,153.0	671.5	145	253.0
CHB - Faribault, Martin	426	1,270.0	689.3	145	298.7
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	444	945.4	641.1	181	303.3
CHB - Kandiyohi, Renville	603	1,049.3	686.4	204	273.0
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	783	1,068.4	647.5	241	259.4
CHB - LeSueur, Waseca	407	862.6	638.1	137	214.9
CHB - Meeker, McLeod, Sibley	711	960.3	640.2	227	231.4
CHB - Mahnomen, Norman, Polk	540	1,240.7	836.9	201	355.7
CHB - Morrison, Todd, Wadena	792	1,107.3	708.3	293	300.3

**Mortality Table 1. Summary of Deaths to Minnesota Residents by State/County/CHB, 2018.**

State/County/CHB	Deaths	Crude Death Rate <sup>1</sup>	Age-Adjusted Death Rate <sup>2</sup>	Premature Deaths <sup>3</sup>	
				Deaths	Age Adj. Rate
<b>State of Minnesota</b>	44,715	796.9	647.5	17,252	264.4
<b>Metro CHBs</b>					
CHB - Bloomington	846	990.7	614.4	227	202.1
CHB - Edina	509	995.4	535.5	117	155.9
CHB - Minneapolis	2,414	580.3	733.9	1,329	326.7
CHB - Richfield	260	722.6	558.8	102	252.8
CHB - St. Paul	2,164	714.8	848.6	1,041	346.6

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

<sup>2</sup>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/>.

<sup>3</sup>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 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.

**Mortality Table 2. Number of Deaths by Age Group by State/County/CHB, Minnesota Residents, 2018.**

State/County/CHB	Age Group										
	Total	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
<b>State of Minnesota</b>	<b>44,715</b>	<b>341</b>	<b>56</b>	<b>40</b>	<b>49</b>	<b>143</b>	<b>958</b>	<b>1,687</b>	<b>6,391</b>	<b>12,381</b>	<b>22,669</b>
Aitkin	203	0	0	1	0	0	4	7	31	65	95
Anoka	2,240	18	3	4	2	5	73	116	371	696	952
Becker	359	0	0	0	0	0	8	12	67	97	175
Beltrami	431	8	1	0	0	2	21	27	63	105	204
Benton	393	5	1	0	0	1	7	18	51	95	215
Big Stone	76	0	0	0	0	0	1	1	5	17	52
Blue Earth	516	6	0	0	1	2	15	13	67	138	274
Brown	295	3	0	1	0	2	4	7	33	67	178
Carlton	386	1	0	0	0	1	8	14	61	100	201
Carver	545	4	0	1	1	2	8	24	87	139	279
Cass	338	0	0	1	3	1	8	17	60	130	118
Chippewa	167	0	0	0	0	0	1	6	13	41	106
Chisago	444	1	0	2	0	4	6	14	71	136	210
Clay	474	1	0	1	1	4	6	12	68	102	279
Clearwater	85	2	0	0	0	0	1	2	12	32	36
Cook	49	1	0	0	0	0	1	0	7	15	25
Cottonwood	136	1	0	0	0	0	0	2	15	37	81
Crow Wing	724	3	0	0	0	2	18	26	89	217	369
Dakota	2,683	22	3	1	2	5	56	112	391	741	1,350
Dodge	168	2	1	1	1	0	2	5	24	50	82
Douglas	441	1	0	0	0	1	6	7	55	119	252
Faribault	183	2	0	0	1	0	2	6	31	48	93
Fillmore	255	0	0	0	0	1	2	6	30	47	169
Freeborn	373	0	3	1	1	0	8	10	38	102	210
Goodhue	482	4	1	3	0	0	11	16	64	125	258
Grant	69	0	0	0	0	1	0	3	7	24	34
Hennepin	8,767	80	14	9	10	25	211	370	1,344	2,340	4,364
Houston	202	0	0	0	0	0	3	1	32	56	110
Hubbard	230	0	0	0	0	0	6	8	45	68	103
Isanti	345	4	0	0	0	1	11	23	45	110	151

**Mortality Table 2. Number of Deaths by Age Group by State/County/CHB, Minnesota Residents, 2018.**

State/County/CHB	Age Group										
	Total	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
<b>State of Minnesota</b>	<b>44,715</b>	<b>341</b>	<b>56</b>	<b>40</b>	<b>49</b>	<b>143</b>	<b>958</b>	<b>1,687</b>	<b>6,391</b>	<b>12,381</b>	<b>22,669</b>
Itasca	550	0	0	1	0	1	8	20	68	191	261
Jackson	115	0	0	0	0	0	0	1	11	27	76
Kanabec	120	1	0	0	0	1	2	5	23	35	53
Kandiyohi	437	3	1	1	2	1	8	13	58	117	233
Kittson	57	1	0	0	0	0	1	0	7	16	32
Koochiching	161	1	0	0	0	1	5	6	25	50	73
Lac Qui Parle	97	0	0	0	0	0	0	2	11	26	58
Lake	159	0	0	0	0	0	4	6	17	46	86
Lake of the Woods	38	1	0	0	0	0	1	3	3	12	18
Le Sueur	224	0	0	0	0	0	3	9	30	70	112
Lincoln	82	0	0	0	0	0	2	3	7	23	47
Lyon	215	1	0	0	1	2	1	3	29	41	137
McLeod	324	0	0	0	0	0	5	12	38	87	182
Mahnomen	70	3	0	0	0	0	4	6	13	17	27
Marshall	82	0	3	0	0	0	1	3	16	27	32
Martin	243	0	0	0	0	0	5	5	30	69	134
Meeker	240	0	0	0	0	1	3	5	31	82	118
Mille Lacs	296	6	0	0	1	1	14	12	34	92	136
Morrison	362	2	0	0	0	3	4	15	59	101	178
Mower	402	4	1	0	1	1	7	8	47	110	223
Murray	89	0	0	0	0	0	1	3	13	24	48
Nicollet	270	3	0	0	0	0	5	3	31	63	165
Nobles	203	1	1	0	0	0	6	5	26	49	115
Norman	104	0	0	0	0	1	1	1	10	31	60
Olmsted	1,183	12	2	1	2	5	15	39	162	313	632
Otter Tail	691	5	0	0	1	2	10	12	91	179	391
Pennington	140	0	0	0	0	1	3	8	21	40	67
Pine	288	1	1	0	0	0	7	13	48	102	116
Pipestone	122	3	0	0	0	0	0	4	15	26	74
Polk	366	1	0	0	0	2	2	11	56	90	204
Pope	137	1	0	0	1	0	1	5	16	33	80

**Mortality Table 2. Number of Deaths by Age Group by State/County/CHB, Minnesota Residents, 2018.**

State/County/CHB	Age Group										
	Total	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
<b>State of Minnesota</b>	<b>44,715</b>	<b>341</b>	<b>56</b>	<b>40</b>	<b>49</b>	<b>143</b>	<b>958</b>	<b>1,687</b>	<b>6,391</b>	<b>12,381</b>	<b>22,669</b>
Ramsey	4,392	48	7	4	3	17	107	180	602	1,224	2,200
Red Lake	39	1	0	0	0	0	0	4	6	16	12
Redwood	168	1	0	0	0	2	3	3	23	42	94
Renville	166	1	0	0	1	1	2	2	19	44	96
Rice	513	6	1	0	0	1	5	18	63	153	266
Rock	107	2	0	0	0	0	4	2	12	18	69
Roseau	126	1	0	0	0	1	4	6	10	35	69
St. Louis	2,135	7	3	0	3	7	43	90	347	583	1,052
Scott	686	3	1	2	0	8	14	31	118	193	316
Sherburne	540	7	0	0	1	5	11	28	72	166	250
Sibley	147	0	0	0	0	0	6	4	18	31	88
Stearns	1,121	16	0	2	1	4	28	39	145	331	555
Steele	319	2	0	1	0	0	6	11	44	96	159
Stevens	83	0	0	0	0	0	0	1	6	18	58
Swift	113	2	0	0	0	0	2	5	9	31	64
Todd	214	3	0	0	1	0	6	2	23	73	106
Traverse	66	0	0	0	0	0	1	3	2	17	43
Wabasha	200	2	0	0	0	0	0	5	30	54	109
Wadena	216	0	0	0	0	1	2	7	27	56	123
Waseca	183	0	0	1	0	2	1	5	16	46	112
Washington	1,707	11	3	1	5	7	46	67	243	481	843
Watonwan	128	2	1	0	0	0	3	2	15	25	80
Wilkin	89	0	2	0	0	0	2	2	8	12	63
Winona	425	0	0	0	1	1	10	12	74	116	211
Wright	813	7	2	0	1	3	13	30	122	254	381
Yellow Medicine	93	0	0	0	0	0	2	2	14	18	57

**Mortality Table 2. Number of Deaths by Age Group by State/County/CHB, Minnesota Residents, 2018.**

State/County/CHB	Total	Age Group									
		< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
<b>State of Minnesota</b>	<b>44,715</b>	<b>341</b>	<b>56</b>	<b>40</b>	<b>49</b>	<b>143</b>	<b>958</b>	<b>1,687</b>	<b>6,391</b>	<b>12,381</b>	<b>22,669</b>
CHB - Aitkin, Itasca, Koochiching	914	1	0	2	0	2	17	33	124	306	429
CHB - Clearwater, Hubbard, Lake of the Woods	353	3	0	0	0	0	8	13	60	112	157
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	546	2	0	0	0	0	6	16	52	133	337
CHB - Brown, Nicollet	565	6	0	1	0	2	9	10	64	130	343
CHB - Carlton, Cook, Lake, St. Louis	2,729	9	3	0	3	8	56	110	432	744	1,364
CHB - Cottonwood, Jackson	251	1	0	0	0	0	0	3	26	64	157
CHB - Clay, Wilkin, Becker, Otter Tail	1,613	6	2	1	2	6	26	38	234	390	908
CHB - Douglas, Grant, Pope, Stevens, Traverse	796	2	0	0	1	2	8	19	86	211	467
CHB - Dodge, Steele	487	4	1	2	1	0	8	16	68	146	241
CHB - Fillmore, Houston	457	0	0	0	0	1	5	7	62	103	279
CHB - Faribault, Martin	426	2	0	0	1	0	7	11	61	117	227
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	444	3	3	0	0	2	9	21	60	134	212
CHB - Kandiyohi, Renville	603	4	1	1	3	2	10	15	77	161	329
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	783	7	0	0	1	4	11	18	99	174	469
CHB - LeSueur, Waseca	407	0	0	1	0	2	4	14	46	116	224
CHB - Meeker, McLeod, Sibley	711	0	0	0	0	1	14	21	87	200	388
CHB - Mahnomen, Norman, Polk	540	4	0	0	0	3	7	18	79	138	291
CHB - Morrison, Todd, Wadena	792	5	0	0	1	4	12	24	109	230	407



**Mortality Table 2. Number of Deaths by Age Group by State/County/CHB, Minnesota Residents, 2018.**

State/County/CHB	Total	Age Group									
		< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
<b>State of Minnesota</b>	<b>44,715</b>	<b>341</b>	<b>56</b>	<b>40</b>	<b>49</b>	<b>143</b>	<b>958</b>	<b>1,687</b>	<b>6,391</b>	<b>12,381</b>	<b>22,669</b>
<b>Metro CHBs</b>											
CHB - Bloomington	846	2	1	0	0	4	10	12	89	201	527
CHB - Edina	509	4	0	0	1	0	2	8	29	129	336
CHB - Minneapolis	2,414	37	5	3	3	8	106	177	502	712	861
CHB - Richfield	260	3	0	1	0	0	4	9	45	65	133
CHB - St. Paul	2,164	30	5	3	3	13	71	127	372	636	904

**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.

**Mortality Table 3. Age-Specific, Crude Death Rates Per 100,000 Age-Specific Population by State/County/CHB, MN Residents, 2018.**

State/County/CHB	Age Group									
	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
<b>State of Minnesota</b>	491.7	19.6	11.1	13.3	40.1	85.4	162.5	572.1	1,942.2	10,177.7
Aitkin	--	--	--	--	--	--	--	795.5	1,627.0	8,370.0
Anoka	--	--	--	--	--	110.1	164.2	494.1	1,854.2	9,477.4
Becker	--	--	--	--	--	--	--	923.9	1,850.4	10,657.7
Beltrami	--	--	--	--	--	202.8	378.1	770.5	1,955.3	10,914.9
Benton	--	--	--	--	--	--	--	698.1	2,467.5	13,166.0
Big Stone	--	--	--	--	--	--	--	--	--	11,353.7
Blue Earth	--	--	--	--	--	--	--	631.3	2,140.9	10,682.3
Brown	--	--	--	--	--	--	--	611.2	1,935.9	10,200.6
Carlton	--	--	--	--	--	--	--	796.9	2,258.9	12,445.8
Carver	--	--	--	--	--	--	108.9	406.4	1,563.9	9,886.6
Cass	--	--	--	--	--	--	--	874.8	2,210.5	7,908.8
Chippewa	--	--	--	--	--	--	--	--	2,360.4	13,572.3
Chisago	--	--	--	--	--	--	--	570.6	2,122.0	11,194.0
Clay	--	--	--	--	--	--	--	664.5	1,773.9	11,227.4
Clearwater	--	--	--	--	--	--	--	--	2,422.4	7,362.0
Cook	--	--	--	--	--	--	--	--	--	8,305.6
Cottonwood	--	--	--	--	--	--	--	--	2,141.2	9,518.2
Crow Wing	--	--	--	--	--	--	247.5	630.4	2,015.6	10,888.2
Dakota	422.8	--	--	--	--	70.3	132.9	445.1	1,678.1	10,200.2
Dodge	--	--	--	--	--	--	--	579.2	2,275.8	10,432.6
Douglas	--	--	--	--	--	--	--	694.1	1,960.5	10,966.1
Faribault	--	--	--	--	--	--	--	1,008.5	2,254.6	9,281.4
Fillmore	--	--	--	--	--	--	--	668.4	1,579.8	12,593.1
Freeborn	--	--	--	--	--	--	--	572.2	2,183.7	10,324.5
Goodhue	--	--	--	--	--	--	--	612.1	1,969.1	10,424.2
Grant	--	--	--	--	--	--	--	--	2,444.0	8,478.8
Hennepin	478.1	--	--	--	34.9	72.0	150.6	564.1	1,839.4	9,992.9
Houston	--	--	--	--	--	--	--	719.4	2,037.1	9,865.5
Hubbard	--	--	--	--	--	--	--	901.8	1,679.8	8,721.4
Isanti	--	--	--	--	--	--	309.9	521.3	2,361.5	10,370.9

**Mortality Table 3. Age-Specific, Crude Death Rates Per 100,000 Age-Specific Population by State/County/CHB, MN Residents, 2018.**

State/County/CHB	Age Group									
	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
<b>State of Minnesota</b>	491.7	19.6	11.1	13.3	40.1	85.4	162.5	572.1	1,942.2	10,177.7
Itasca	--	--	--	--	--	--	266.1	652.6	2,462.6	10,406.7
Jackson	--	--	--	--	--	--	--	--	1,889.4	10,704.2
Kanabec	--	--	--	--	--	--	--	612.2	1,385.0	7,260.3
Kandiyohi	--	--	--	--	--	--	--	657.7	2,102.0	10,259.8
Kittson	--	--	--	--	--	--	--	--	--	9,907.1
Koochiching	--	--	--	--	--	--	--	788.9	2,231.1	9,275.7
Lac Qui Parle	--	--	--	--	--	--	--	--	2,253.0	9,076.7
Lake	--	--	--	--	--	--	--	--	2,412.2	11,111.1
Lake of the Woods	--	--	--	--	--	--	--	--	--	--
Le Sueur	--	--	--	--	--	--	--	494.6	1,901.1	9,507.6
Lincoln	--	--	--	--	--	--	--	--	2,616.6	9,215.7
Lyon	--	--	--	--	--	--	--	598.2	1,524.7	10,986.4
McLeod	--	--	--	--	--	--	--	514.4	1,844.4	9,722.2
Mahnomen	--	--	--	--	--	--	--	--	--	10,424.7
Marshall	--	--	--	--	--	--	--	--	2,017.9	5,228.8
Martin	--	--	--	--	--	--	--	677.8	2,255.6	8,850.7
Meeker	--	--	--	--	--	--	--	622.1	2,518.4	9,335.4
Mille Lacs	--	--	--	--	--	--	--	617.4	2,667.4	11,496.2
Morrison	--	--	--	--	--	--	--	805.1	2,224.7	10,330.8
Mower	--	--	--	--	--	--	--	614.6	2,268.0	9,043.0
Murray	--	--	--	--	--	--	--	--	1,670.1	7,430.3
Nicollet	--	--	--	--	--	--	--	492.8	1,590.9	11,743.8
Nobles	--	--	--	--	--	--	--	639.0	2,024.0	10,114.3
Norman	--	--	--	--	--	--	--	--	3,388.0	13,157.9
Olmsted	--	--	--	--	--	--	133.9	539.7	1,864.4	9,777.2
Otter Tail	--	--	--	--	--	--	--	682.7	1,820.0	10,379.6
Pennington	--	--	--	--	--	--	--	742.3	2,259.9	8,993.3
Pine	--	--	--	--	--	--	--	688.4	2,295.7	8,238.6
Pipestone	--	--	--	--	--	--	--	--	2,152.3	10,693.6
Polk	--	--	--	--	--	--	--	869.8	2,301.2	12,193.7
Pope	--	--	--	--	--	--	--	--	1,775.1	10,869.6



**Mortality Table 3. Age-Specific, Crude Death Rates Per 100,000 Age-Specific Population by State/County/CHB, MN Residents, 2018.**

State/County/CHB	Age Group									
	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
<b>State of Minnesota</b>	491.7	19.6	11.1	13.3	40.1	85.4	162.5	572.1	1,942.2	10,177.7
CHB - Aitkin, Itasca, Koochiching	--	--	--	--	--	--	284.6	709.1	2,187.0	9,684.0
CHB - Clearwater, Hubbard, Lake of the Woods	--	--	--	--	--	--	--	762.1	1,851.2	8,337.8
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	--	--	--	--	--	--	--	554.8	2,090.2	10,385.2
CHB - Brown, Nicollet	--	--	--	--	--	--	--	547.5	1,751.8	10,888.9
CHB - Carlton, Cook, Lake, St. Louis	--	--	--	--	--	112.5	259.6	794.3	2,110.6	10,905.9
CHB - Cottonwood, Jackson	--	--	--	--	--	--	--	579.5	2,027.2	10,057.7
CHB - Clay, Wilkin, Becker, Otter Tail	--	--	--	--	--	85.8	141.9	724.3	1,802.0	11,003.4
CHB - Douglas, Grant, Pope, Stevens, Traverse	--	--	--	--	--	--	--	616.4	2,009.1	10,733.2
CHB - Dodge, Steele	--	--	--	--	--	--	--	586.4	2,184.3	9,146.1
CHB - Fillmore, Houston	--	--	--	--	--	--	--	693.8	1,799.4	11,355.3
CHB - Faribault, Martin	--	--	--	--	--	--	--	813.3	2,255.2	9,022.3
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	--	--	--	--	--	--	258.9	576.0	2,139.9	8,119.5
CHB - Kandiyohi, Renville	--	--	--	--	--	--	--	633.7	2,116.7	10,182.6
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	--	--	--	--	--	--	--	672.6	1,799.6	9,923.8
CHB - LeSueur, Waseca	--	--	--	--	--	--	--	468.6	1,915.1	10,651.5
CHB - Meeker, McLeod, Sibley	--	--	--	--	--	--	160.6	556.3	2,030.5	9,872.8
CHB - Mahnommen, Norman, Polk	--	--	--	--	--	--	--	885.9	2,495.0	12,185.9
CHB - Morrison, Todd, Wadena	--	--	--	--	--	--	203.0	702.1	2,224.2	10,296.0

**Mortality Table 3. Age-Specific, Crude Death Rates Per 100,000 Age-Specific Population by State/County/CHB, MN Residents, 2018.**

State/County/CHB	Age Group									
	< 1	1-4	5-9	10-14	15-19	20-34	35-49	50-64	65-79	80+
<b>State of Minnesota</b>	491.7	19.6	11.1	13.3	40.1	85.4	162.5	572.1	1,942.2	10,177.7
<b>Metro CHBs</b>		<b>0-4</b>	<b>5-9</b>	<b>10-14</b>	<b>15-19</b>	<b>20-34</b>	<b>35-49</b>	<b>50-64</b>	<b>65-79</b>	<b>80+</b>
CHB - Bloomington	N/A	--	--	--	--	--	--	487.9	1,831.9	10,288.9
CHB - Edina	N/A	--	--	--	--	--	--	267.6	1,819.7	9,440.9
CHB - Minneapolis	N/A	--	--	--	--	80.2	220.9	777.5	2,447.0	9,987.2
CHB - Richfield	N/A	--	--	--	--	--	--	731.7	1,774.5	6,472.0
CHB - St. Paul	N/A	--	--	--	--	86.5	236.2	742.9	2,905.7	12,237.7

**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,<sup>1</sup> by State/County/CHB, Minnesota Residents, 2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
<b>State of Minnesota</b>	9,906	8,398	2,786	2,435	2,353	2,268	1,306	736	697	715
Aitkin	50	44	12	2	17	9	9	5	6	1
Anoka	576	341	161	94	146	98	56	49	29	32
Becker	80	66	18	21	25	17	14	4	4	12
Beltrami	79	73	32	17	22	28	14	4	14	1
Benton	65	65	24	25	21	19	19	5	5	8
Big Stone	10	26	2	3	4	8	3	0	1	0
Blue Earth	109	112	25	39	24	19	11	11	9	7
Brown	62	53	15	16	15	13	13	5	6	5
Carlton	74	67	29	16	30	17	13	4	8	3
Carver	135	97	30	24	20	30	16	8	11	10
Cass	87	59	30	11	21	11	14	8	5	2
Chippewa	41	37	8	14	9	11	3	1	3	3
Chisago	100	88	30	36	29	20	13	9	3	7
Clay	87	93	24	21	23	13	13	8	14	7
Clearwater	14	16	3	1	11	3	6	0	1	1
Cook	11	8	0	0	5	2	3	2	0	0
Cottonwood	36	40	3	4	5	5	4	2	3	3
Crow Wing	176	114	45	32	44	37	23	16	13	9
Dakota	619	477	169	156	125	139	62	52	35	60
Dodge	34	38	13	15	11	5	3	4	2	2
Douglas	104	93	17	28	28	19	7	2	9	10
Faribault	40	57	8	5	6	17	6	1	3	2
Fillmore	46	68	14	14	12	12	4	2	5	8
Freeborn	72	82	16	19	28	20	15	10	4	7
Goodhue	115	101	39	30	19	29	7	5	4	7
Grant	17	15	2	4	6	3	1	1	2	1
Hennepin	1,870	1,470	680	435	420	451	236	123	139	151
Houston	44	53	9	15	6	10	6	4	2	0
Hubbard	63	39	13	16	12	10	5	3	4	1
Isanti	87	62	20	15	15	23	13	11	4	5

**Mortality Table 4. Cause-Specific Death Counts for Ten Leading Causes,<sup>1</sup> by State/County/CHB, Minnesota Residents, 2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
<b>State of Minnesota</b>	9,906	8,398	2,786	2,435	2,353	2,268	1,306	736	697	715
Itasca	123	112	39	30	32	26	12	9	14	9
Jackson	26	34	4	4	6	8	5	1	2	4
Kanabec	31	30	10	2	2	1	3	5	1	2
Kandiyohi	83	86	28	24	26	23	16	7	7	8
Kittson	11	12	2	0	4	2	7	0	2	0
Koochiching	33	27	10	8	8	9	3	2	1	1
Lac Qui Parle	17	20	4	6	7	6	4	1	1	1
Lake	36	23	9	18	8	8	3	2	4	2
Lake of the Woods	7	11	0	0	1	3	1	1	2	0
Le Sueur	61	49	10	14	11	12	6	4	3	3
Lincoln	21	25	4	5	1	4	3	0	0	0
Lyon	43	35	8	19	11	6	10	1	4	5
McLeod	61	71	18	17	21	19	10	5	5	4
Mahnomen	16	14	7	3	2	3	8	1	2	0
Marshall	23	21	4	0	1	4	1	0	3	0
Martin	65	58	6	10	12	14	9	2	4	1
Meeker	54	60	10	9	13	9	15	0	5	2
Mille Lacs	57	45	20	12	31	16	7	7	4	4
Morrison	80	55	29	20	23	20	19	5	4	6
Mower	76	87	17	26	33	19	16	8	7	3
Murray	17	24	5	4	10	7	1	1	0	1
Nicollet	65	47	10	22	12	14	5	5	3	8
Nobles	43	47	13	7	14	15	11	2	3	2
Norman	16	18	7	7	2	2	7	0	4	3
Olmsted	258	253	72	93	53	61	19	24	12	20
Otter Tail	145	173	27	40	45	40	15	9	17	9
Pennington	26	38	7	2	8	8	4	7	4	0
Pine	72	51	14	9	24	14	11	3	2	2
Pipestone	24	22	5	12	6	9	2	2	4	1
Polk	85	83	12	15	20	21	12	5	10	6
Pope	29	30	3	6	6	8	7	1	5	2



**Mortality Table 4. Cause-Specific Death Counts for Ten Leading Causes,<sup>1</sup> by State/County/CHB, Minnesota Residents, 2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
<b>State of Minnesota</b>	9,906	8,398	2,786	2,435	2,353	2,268	1,306	736	697	715
Ramsey	938	771	264	278	200	257	131	73	63	78
Red Lake	8	11	5	0	2	0	4	0	0	0
Redwood	28	35	9	6	13	10	2	1	4	4
Renville	34	29	7	7	14	7	11	3	1	2
Rice	116	87	27	12	16	21	18	4	4	8
Rock	21	20	7	8	6	10	1	1	3	1
Roseau	19	25	3	5	8	11	2	3	2	3
St. Louis	476	415	111	134	125	104	62	55	35	28
Scott	171	116	54	30	41	36	17	12	10	14
Sherburne	106	89	42	40	38	24	26	16	6	5
Sibley	38	27	13	6	9	1	8	1	1	3
Stearns	279	204	78	48	48	55	41	17	22	22
Steele	63	81	18	18	15	19	11	7	4	8
Stevens	16	19	2	2	6	10	1	0	2	0
Swift	25	22	8	1	7	4	3	1	3	1
Todd	56	53	16	1	11	7	4	1	2	1
Traverse	19	17	4	3	4	1	0	1	0	2
Wabasha	39	54	13	10	12	8	1	0	3	1
Wadena	46	40	9	12	12	10	8	2	2	5
Waseca	39	44	8	10	7	12	6	1	6	1
Washington	395	306	90	147	68	81	46	37	19	29
Watonwan	30	27	8	8	3	10	3	1	3	1
Wilkin	14	24	4	3	5	6	4	1	1	4
Winona	100	106	31	21	25	23	9	2	5	4
Wright	207	140	47	47	41	30	21	15	8	14
Yellow Medicine	16	21	3	6	5	2	2	2	1	2

**Mortality Table 4. Cause-Specific Death Counts for Ten Leading Causes,<sup>1</sup> by State/County/CHB, Minnesota Residents, 2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
<b>State of Minnesota</b>	9,906	8,398	2,786	2,435	2,353	2,268	1,306	736	697	715
CHB - Aitkin, Itasca, Koochiching	206	183	61	40	57	44	24	16	21	11
CHB - Clearwater, Hubbard, Lake of the Woods	84	66	16	17	24	16	12	4	7	2
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	109	126	25	30	32	31	15	5	9	7
CHB - Brown, Nicollet	127	100	25	38	27	27	18	10	9	13
CHB - Carlton, Cook, Lake, St. Louis	597	513	149	168	168	131	81	63	47	33
CHB - Cottonwood, Jackson	62	74	7	8	11	13	9	3	5	7
CHB - Clay, Wilkin, Becker, Otter Tail	326	356	73	85	98	76	46	22	36	32
CHB - Douglas, Grant, Pope, Stevens, Traverse	185	174	28	43	50	41	16	5	18	15
CHB - Dodge, Steele	97	119	31	33	26	24	14	11	6	10
CHB - Fillmore, Houston	90	121	23	29	18	22	10	6	7	8
CHB - Faribault, Martin	105	115	14	15	18	31	15	3	7	3
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	87	107	21	7	23	25	18	10	11	3
CHB - Kandiyohi, Renville	117	115	35	31	40	30	27	10	8	10
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	154	161	38	54	47	46	19	6	15	12
CHB - LeSueur, Waseca	100	93	18	24	18	24	12	5	9	4
CHB - Meeker, McLeod, Sibley	153	158	41	32	43	29	33	6	11	9
CHB - Mahnomen, Norman, Polk	117	115	26	25	24	26	27	6	16	9
CHB - Morrison, Todd, Wadena	182	148	54	33	46	37	31	8	8	12

**Mortality Table 4. Cause-Specific Death Counts for Ten Leading Causes,<sup>1</sup> by State/County/CHB, Minnesota Residents, 2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
<b>State of Minnesota</b>	9,906	8,398	2,786	2,435	2,353	2,268	1,306	736	697	715
<b>Metro CHBs</b>										
CHB - Bloomington	165	150	61	52	53	57	23	6	11	23
CHB - Edina	108	82	29	45	21	24	7	1	12	18
CHB - Minneapolis	489	377	240	86	118	114	80	41	40	27
CHB - Richfield	55	45	19	7	18	14	7	2	4	5
CHB - St. Paul	470	344	164	125	102	117	75	41	36	30

<sup>1</sup> 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 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.

**Mortality Table 5. Cause-Specific Crude Death Rates for 10 Leading Causes<sup>1</sup> by State/County/CHB, 2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
<b>State of Minnesota</b>	176.5	149.7	49.7	43.4	41.9	40.4	23.3	13.1	12.4	12.7
Aitkin	314.4	276.7	--	--	--	--	--	--	--	--
Anoka	162.8	96.4	45.5	26.6	41.3	27.7	15.8	13.8	8.2	9.0
Becker	232.8	192.0	--	61.1	72.7	--	--	--	--	--
Beltrami	168.6	155.8	68.3	--	47.0	59.8	--	--	--	--
Benton	160.3	160.3	59.2	61.7	51.8	--	--	--	--	--
Big Stone	--	521.1	--	--	--	--	--	--	--	--
Blue Earth	161.7	166.1	37.1	57.8	35.6	--	--	--	--	--
Brown	246.9	211.1	--	--	--	--	--	--	--	--
Carlton	206.5	187.0	80.9	--	83.7	--	--	--	--	--
Carver	130.4	93.7	29.0	23.2	19.3	29.0	--	--	--	--
Cass	294.7	199.9	101.6	--	71.1	--	--	--	--	--
Chippewa	343.8	310.3	--	--	--	--	--	--	--	--
Chisago	178.8	157.4	53.6	64.4	51.9	35.8	--	--	--	--
Clay	136.0	145.4	37.5	32.8	36.0	--	--	--	--	--
Clearwater	--	--	--	--	--	--	--	--	--	--
Cook	--	--	--	--	--	--	--	--	--	--
Cottonwood	319.2	354.7	--	--	--	--	--	--	--	--
Crow Wing	271.2	175.7	69.3	49.3	67.8	57.0	35.4	--	--	--
Dakota	145.5	112.1	39.7	36.7	29.4	32.7	14.6	12.2	8.2	14.1
Dodge	163.3	182.5	--	--	--	--	--	--	--	--
Douglas	273.9	245.0	--	73.8	73.8	--	--	--	--	--
Faribault	290.7	414.3	--	--	--	--	--	--	--	--
Fillmore	218.4	322.9	--	--	--	--	--	--	--	--
Freeborn	236.5	269.3	--	--	92.0	65.7	--	--	--	--
Goodhue	247.8	217.7	84.0	64.7	--	62.5	--	--	--	--
Grant	--	--	--	--	--	--	--	--	--	--
Hennepin	148.5	116.7	54.0	34.5	33.3	35.8	18.7	9.8	11.0	12.0
Houston	236.8	285.3	--	--	--	--	--	--	--	--
Hubbard	295.3	182.8	--	--	--	--	--	--	--	--
Isanti	217.7	155.1	50.0	--	--	57.5	--	--	--	--





**Mortality Table 5. Cause-Specific Crude Death Rates for 10 Leading Causes<sup>1</sup> by State/County/CHB, 2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
CHB - Aitkin, Itasca, Koochiching	280.5	249.1	83.0	54.5	77.6	59.9	32.7	--	28.6	--
CHB - Clearwater, Hubbard, Lake of the Woods	247.8	194.7	--	--	70.8	--	--	--	--	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	255.2	295.0	58.5	70.2	74.9	72.6	--	--	--	--
CHB - Brown, Nicollet	214.1	168.5	42.1	64.0	45.5	45.5	--	--	--	--
CHB - Carlton, Cook, Lake, St. Louis	237.2	203.9	59.2	66.8	66.8	52.1	32.2	25.0	18.7	13.1
CHB - Cottonwood, Jackson	292.6	349.3	--	--	--	--	--	--	--	--
CHB - Clay, Wilkin, Becker, Otter Tail	199.5	217.9	44.7	52.0	60.0	46.5	28.2	13.5	22.0	19.6
CHB - Douglas, Grant, Pope, Stevens, Traverse	271.5	255.3	41.1	63.1	73.4	60.2	--	--	--	--
CHB - Dodge, Steele	168.3	206.5	53.8	57.3	45.1	41.6	--	--	--	--
CHB - Fillmore, Houston	227.1	305.3	58.0	73.2	--	55.5	--	--	--	--
CHB - Faribault, Martin	313.0	342.8	--	--	--	92.4	--	--	--	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	185.2	227.8	44.7	--	49.0	53.2	--	--	--	--
CHB - Kandiyohi, Renville	203.6	200.1	60.9	53.9	69.6	52.2	47.0	--	--	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	210.1	219.7	51.9	73.7	64.1	62.8	--	--	--	--
CHB - LeSueur, Waseca	211.9	197.1	--	50.9	--	50.9	--	--	--	--
CHB - Meeker, McLeod, Sibley	206.6	213.4	55.4	43.2	58.1	39.2	44.6	--	--	--
CHB - Mahnomen, Norman, Polk	268.8	264.2	59.7	57.4	55.1	59.7	62.0	--	--	--
CHB - Morrison, Todd, Wadena	254.5	206.9	75.5	46.1	64.3	51.7	43.3	--	--	--

**Mortality Table 5. Cause-Specific Crude Death Rates for 10 Leading Causes<sup>1</sup> by State/County/CHB, 2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
<b>Metro CHBs</b>										
CHB - Bloomington	193.2	175.7	71.4	60.9	62.1	66.7	26.9	--	--	26.9
CHB - Edina	211.2	160.4	56.7	88.0	41.1	46.9	--	--	--	--
CHB - Minneapolis	117.5	90.6	57.7	20.7	28.4	27.4	19.2	9.9	9.6	6.5
CHB - Richfield	152.9	125.1	--	--	--	--	--	--	--	--
CHB - St. Paul	155.2	113.6	54.2	41.3	33.7	38.6	24.8	13.5	11.9	9.9

<sup>1</sup> 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 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.



**Mortality Table 6. Cause-Specific Death Counts (5 years) for 10 Leading Causes by State/County/CHB, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
<b>State of Minnesota</b>	49,192	39,888	13,320	10,537	11,803	11,127	6,299	3,674	3,289	3,231
Aitkin	287	213	75	--	69	59	40	--	21	--
Anoka	2,820	1,691	676	428	681	461	306	248	111	136
Becker	374	299	100	95	113	95	56	27	24	28
Beltrami	427	347	127	103	112	96	83	39	52	--
Benton	319	315	109	154	72	98	72	31	23	43
Big Stone	77	92	--	--	--	29	--	--	--	--
Blue Earth	517	475	116	164	128	131	64	51	34	43
Brown	321	275	63	52	75	90	47	20	22	21
Carlton	411	399	107	48	125	86	82	28	36	23
Carver	609	429	147	95	121	116	65	56	49	42
Cass	426	290	117	38	106	71	57	34	33	--
Chippewa	185	167	43	42	48	51	20	--	--	--
Chisago	465	427	127	127	114	91	64	39	35	29
Clay	503	439	147	153	123	92	57	39	66	33
Clearwater	110	108	29	--	37	31	36	--	--	--
Cook	69	47	--	--	22	--	--	--	--	--
Cottonwood	141	195	28	--	29	36	29	--	--	--
Crow Wing	780	575	197	109	202	173	105	60	50	43
Dakota	3,122	2,063	820	695	661	653	354	266	161	208
Dodge	178	208	56	43	44	34	--	--	--	--
Douglas	484	432	91	80	132	113	52	21	42	42
Faribault	195	242	33	21	61	55	38	--	--	--
Fillmore	233	285	70	52	68	81	21	--	--	--
Freeborn	406	405	96	89	111	101	53	24	26	34
Goodhue	551	551	172	103	114	133	51	35	22	46
Grant	85	92	--	--	26	--	--	--	--	--
Hennepin	9,527	6,890	3,056	1,903	2,160	2,175	1,159	681	641	700
Houston	205	212	61	39	45	51	25	--	--	--
Hubbard	291	184	62	62	53	42	39	--	--	--
Isanti	378	290	105	75	104	91	47	34	20	27

**Mortality Table 6. Cause-Specific Death Counts (5 years) for 10 Leading Causes by State/County/CHB, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
Itasca	633	547	193	114	162	137	61	61	64	23
Jackson	150	126	22	--	20	30	--	--	--	--
Kanabec	166	139	55	--	53	25	29	--	--	--
Kandiyohi	444	378	126	95	90	102	59	28	25	28
Kittson	59	67	--	--	--	20	--	--	--	--
Koochiching	186	140	46	21	30	40	23	--	--	--
Lac Qui Parle	87	103	22	--	27	--	--	--	--	--
Lake	146	113	28	74	42	43	--	--	--	--
Lake of the Woods	40	59	--	--	--	--	--	--	--	--
Le Sueur	278	252	60	53	54	62	33	--	--	--
Lincoln	83	90	--	26	--	33	--	--	--	--
Lyon	253	211	51	53	63	46	33	--	21	--
McLeod	346	374	85	90	92	115	61	25	21	22
Mahnomen	76	76	33	--	20	--	25	--	--	--
Marshall	93	100	26	--	22	--	--	--	--	--
Martin	300	333	61	37	82	54	28	--	24	--
Meeker	270	242	48	34	64	57	54	22	--	--
Mille Lacs	315	282	97	40	110	58	43	31	31	--
Morrison	365	290	119	86	82	92	65	--	24	--
Mower	439	456	116	138	129	97	51	23	26	21
Murray	95	116	29	22	40	38	--	--	--	--
Nicollet	269	228	59	63	54	59	28	--	--	30
Nobles	236	212	41	27	48	52	44	--	--	--
Norman	83	99	28	48	27	--	22	--	--	--
Olmsted	1,154	1,188	366	355	281	266	83	86	58	81
Otter Tail	737	800	144	222	189	198	61	53	75	46
Pennington	129	160	28	--	42	35	27	--	--	--
Pine	369	275	86	32	118	60	51	29	--	--
Pipestone	115	120	21	57	30	44	--	--	--	--
Polk	360	356	84	114	97	97	62	25	36	26
Pope	120	159	25	34	28	41	22	--	--	--

**Mortality Table 6. Cause-Specific Death Counts (5 years) for 10 Leading Causes by State/County/CHB, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
Ramsey	4,517	3,488	1,352	1,220	1,020	1,221	632	359	296	330
Red Lake	39	36	--	--	--	--	--	--	--	--
Redwood	180	204	51	27	61	63	35	--	--	--
Renville	171	183	53	26	64	44	46	--	--	--
Rice	555	460	145	80	134	137	62	27	31	44
Rock	119	128	30	44	37	37	--	--	--	--
Roseau	137	156	26	22	37	48	--	--	--	--
St. Louis	2,335	1,939	607	600	669	526	337	208	178	131
Scott	834	581	247	128	172	178	95	66	43	58
Sherburne	603	415	188	145	164	114	94	65	38	41
Sibley	173	160	48	22	39	28	36	--	--	--
Stearns	1,302	993	327	192	237	256	136	94	108	98
Steele	340	333	86	81	94	81	52	21	26	31
Stevens	92	107	24	--	--	29	--	--	--	--
Swift	110	138	40	--	45	29	23	--	--	--
Todd	272	240	71	--	77	50	39	--	--	--
Traverse	53	74	--	--	--	--	--	--	--	--
Wabasha	250	244	61	32	53	48	--	--	--	--
Wadena	205	216	53	55	70	59	48	--	21	--
Waseca	189	177	38	33	47	49	33	--	--	--
Washington	2,004	1,373	426	689	422	403	207	146	86	129
Watonwan	124	136	28	25	29	50	--	--	--	--
Wilkin	89	99	--	20	22	23	--	--	--	--
Winona	495	483	132	89	113	109	30	31	36	30
Wright	989	689	220	174	219	166	135	85	51	65
Yellow Medicine	123	108	24	25	40	29	--	--	--	--

**Mortality Table 6. Cause-Specific Death Counts (5 years) for 10 Leading Causes by State/County/CHB, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
CHB - Aitkin, Itasca, Koochiching	1,106	900	314	148	261	236	124	89	98	42
CHB - Clearwater, Hubbard, Lake of the Woods	441	351	98	81	102	85	82	31	28	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	582	608	148	98	176	157	77	29	51	29
CHB - Brown, Nicollet	590	503	122	115	129	149	75	39	38	51
CHB - Carlton, Cook, Lake, St. Louis	2,961	2,498	752	724	858	667	447	250	232	170
CHB - Cottonwood, Jackson	291	321	50	37	49	66	44	--	20	22
CHB - Clay, Wilkin, Becker, Otter Tail	1,703	1,637	404	490	447	408	187	121	174	120
CHB - Douglas, Grant, Pope, Stevens, Traverse	834	864	165	148	211	207	100	34	72	65
CHB - Dodge, Steele	518	541	142	124	138	115	65	37	38	39
CHB - Fillmore, Houston	438	497	131	91	113	132	46	27	28	28
CHB - Faribault, Martin	495	575	94	58	143	109	66	25	35	33
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	457	519	103	47	120	127	82	38	43	29
CHB - Kandiyohi, Renville	615	561	179	121	154	146	105	37	38	41
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	845	869	199	229	245	261	118	46	75	54
CHB - LeSueur, Waseca	467	429	98	86	101	111	66	31	27	35
CHB - Meecker, McLeod, Sibley	789	776	181	146	195	200	151	55	44	42
CHB - Mahnomen, Norman, Polk	519	531	145	169	144	120	109	39	50	34
CHB - Morrison, Todd, Wadena	842	746	243	159	229	201	152	46	63	35

**Mortality Table 6. Cause-Specific Death Counts (5 years) for 10 Leading Causes by State/County/CHB, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
<b>Metro CHBs</b>										
CHB - Bloomington	922	715	275	200	238	255	103	57	47	106
CHB - Edina	493	398	146	188	93	154	45	23	45	56
CHB - Minneapolis	2,577	1,866	1,062	384	612	574	397	232	181	144
CHB - Richfield	320	252	104	45	90	71	51	15	30	16
CHB - St. Paul	2,250	1,636	791	509	512	585	369	202	143	119

<sup>1</sup> 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-Adjusted<sup>1</sup> Cause-Specific Death Rates for 10 Leading Causes by State/County/CHB, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
<b>State of Minnesota</b>	149.9	118.1	43.1	30.5	36.0	33.1	19.1	13.1	9.7	10.0
Aitkin	173.1	137.6	78.0	--	43.8	36.7	23.8	--	14.3	--
Anoka	158.5	105.3	40.5	29.3	41.2	29.3	17.4	13.8	6.8	9.0
Becker	150.8	122.0	52.0	37.6	44.4	37.6	23.4	17.8	9.7	11.5
Beltrami	157.8	132.7	55.2	36.5	41.2	35.1	33.8	17.3	19.5	--
Benton	138.5	130.5	48.0	55.2	33.1	41.4	30.0	16.1	8.9	18.3
Big Stone	150.2	149.9	--	--	--	44.7	--	--	--	--
Blue Earth	145.5	124.2	33.0	40.6	35.0	34.9	17.7	14.9	8.3	12.0
Brown	153.4	115.4	37.1	19.3	34.1	37.1	21.5	16.3	10.4	9.1
Carlton	173.0	162.7	53.3	19.2	52.6	35.2	35.0	15.9	14.8	10.2
Carver	130.7	98.1	32.3	21.9	29.1	26.6	14.2	10.5	11.0	10.6
Cass	174.8	127.3	77.1	16.2	41.7	30.9	23.2	24.7	16.6	--
Chippewa	184.8	144.6	48.3	34.4	42.5	43.2	21.6	--	--	--
Chisago	144.2	140.2	42.9	43.0	37.7	29.7	20.8	14.1	11.0	9.9
Clay	154.0	121.2	44.8	40.6	37.1	26.0	17.5	12.3	19.1	9.1
Clearwater	168.2	164.9	64.6	--	54.0	45.4	51.9	--	--	--
Cook	152.9	99.9	--	--	47.0	--	--	--	--	--
Cottonwood	143.2	177.0	36.3	--	27.7	30.2	24.4	--	--	--
Crow Wing	157.9	114.3	49.7	20.9	38.9	33.8	21.6	19.5	10.5	8.4
Dakota	142.2	97.0	39.2	33.9	32.1	31.7	16.1	12.8	7.6	10.5
Dodge	153.4	175.9	48.1	35.2	40.6	28.5	--	--	--	--
Douglas	161.4	131.2	37.9	22.2	39.8	31.9	16.6	11.2	12.9	13.2
Faribault	164.1	172.5	39.1	13.2	45.1	39.2	30.6	--	--	--
Fillmore	141.9	146.8	49.1	23.3	38.8	37.3	10.7	--	--	--
Freeborn	162.3	143.8	40.9	29.9	40.3	36.4	21.3	16.1	9.1	12.0
Goodhue	157.3	147.9	55.1	26.6	31.6	35.6	14.9	15.9	6.0	12.2
Grant	167.9	166.3	--	--	47.7	--	--	--	--	--
Hennepin	144.0	100.8	45.8	27.5	33.0	32.4	17.4	10.5	9.4	11.1
Houston	139.8	131.5	47.0	22.3	29.0	29.6	16.4	--	--	--
Hubbard	165.9	107.0	50.1	38.0	30.3	24.4	22.7	--	--	--
Isanti	159.7	126.2	50.5	32.7	44.1	40.1	20.3	18.7	8.7	12.4

**Mortality Table 7. Age-Adjusted<sup>1</sup> Cause-Specific Death Rates for 10 Leading Causes by State/County/CHB, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
Itasca	175.0	147.1	62.7	29.1	42.8	35.7	16.6	27.7	16.5	5.9
Jackson	181.0	130.2	32.0	--	22.8	26.4	--	--	--	--
Kanabec	148.0	125.1	59.8	--	46.3	23.1	25.9	--	--	--
Kandiyohi	151.6	115.8	48.9	27.5	28.8	29.9	19.0	13.3	7.4	8.0
Kittson	143.9	148.0	--	--	--	43.9	--	--	--	--
Koochiching	167.8	121.2	56.4	18.2	25.9	35.5	20.2	--	--	--
Lac Qui Parle	128.8	134.5	40.9	--	32.9	--	--	--	--	--
Lake	149.8	111.3	42.4	61.8	39.5	39.7	--	--	--	--
Lake of the Woods	121.3	183.4	--	--	--	--	--	--	--	--
Le Sueur	153.4	144.8	37.5	30.1	29.8	34.6	17.3	--	--	--
Lincoln	154.9	130.2	--	31.4	--	47.1	--	--	--	--
Lyon	159.1	116.1	31.7	27.3	39.5	26.0	20.4	--	11.2	--
McLeod	167.3	159.4	43.6	36.4	42.6	49.9	27.6	17.5	8.6	10.0
Mahnomen	172.5	178.1	119.1	--	45.9	--	60.0	--	--	--
Marshall	101.3	103.8	36.6	--	21.0	--	--	--	--	--
Martin	158.7	149.2	37.1	14.9	41.1	22.6	14.6	--	9.5	--
Meeker	162.2	137.4	35.0	18.6	36.3	33.3	31.3	18.2	--	--
Mille Lacs	178.5	147.2	66.5	20.5	60.7	31.9	23.4	22.6	16.2	--
Morrison	153.1	117.0	56.7	31.7	33.5	35.8	27.3	--	10.1	--
Mower	153.8	139.8	45.1	36.8	43.2	28.2	18.3	11.8	7.6	6.2
Murray	129.1	132.8	57.4	22.5	46.2	44.2	--	--	--	--
Nicollet	136.7	111.8	30.7	29.2	26.3	27.8	13.2	--	--	14.7
Nobles	172.0	130.8	32.4	15.2	33.2	32.3	29.8	--	--	--
Norman	148.5	160.2	67.1	65.5	44.4	--	34.9	--	--	--
Olmsted	128.8	125.4	41.7	36.2	30.8	28.5	9.3	11.0	6.0	8.7
Otter Tail	148.5	152.9	36.7	37.8	35.6	36.4	12.0	20.9	13.2	8.3
Pennington	132.9	154.9	33.1	--	41.4	31.3	26.9	--	--	--
Pine	173.0	132.6	51.9	15.9	55.3	28.8	23.8	20.5	--	--
Pipestone	146.6	131.1	25.9	53.6	33.9	45.8	--	--	--	--
Polk	165.1	147.2	48.3	45.5	41.9	39.4	28.7	18.3	14.3	11.0
Pope	126.0	141.4	28.5	28.8	27.5	36.2	22.1	--	--	--

**Mortality Table 7. Age-Adjusted<sup>1</sup> Cause-Specific Death Rates for 10 Leading Causes by State/County/CHB, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
Ramsey	152.5	113.1	46.5	38.2	34.5	40.4	21.6	13.1	9.7	11.4
Red Lake	138.0	114.0	--	--	--	--	--	--	--	--
Redwood	144.3	144.9	56.2	15.9	43.0	43.8	31.6	--	--	--
Renville	144.9	134.2	55.6	17.4	47.9	32.0	34.0	--	--	--
Rice	146.1	118.2	40.8	20.5	35.3	35.7	16.4	9.3	8.0	11.8
Rock	156.2	143.9	57.9	47.5	41.7	37.8	--	--	--	--
Roseau	134.0	149.3	27.8	20.1	37.8	45.4	--	--	--	--
St. Louis	188.4	150.9	55.9	45.4	53.8	40.8	27.1	21.8	13.7	10.6
Scott	147.7	111.2	44.3	26.0	35.2	35.5	18.9	10.1	8.8	12.1
Sherburne	170.7	124.3	52.8	46.4	50.5	36.3	27.8	16.6	11.8	13.9
Sibley	48.6	40.7	15.6	5.5	10.5	7.5	9.1	--	--	--
Stearns	150.2	111.0	39.8	21.1	26.9	28.1	15.0	12.2	11.7	11.1
Steele	140.0	123.5	38.3	28.9	37.2	29.5	20.7	10.9	9.7	12.0
Stevens	142.2	127.9	38.1	--	--	35.6	--	--	--	--
Swift	140.7	150.4	70.4	--	55.9	28.1	26.4	--	--	--
Todd	147.3	129.0	45.7	--	41.6	27.7	22.1	--	--	--
Traverse	144.0	169.1	--	--	--	--	--	--	--	--
Wabasha	151.4	143.8	41.1	17.9	30.5	28.4	--	--	--	--
Wadena	187.4	181.2	64.1	38.5	57.1	46.7	41.7	--	17.9	--
Waseca	152.1	121.7	30.9	24.4	37.2	35.4	23.8	--	--	--
Washington	145.8	103.2	33.3	53.4	32.2	30.7	14.8	11.1	6.5	10.4
Watonwan	146.8	142.8	44.7	23.6	31.0	47.0	--	--	--	--
Wilkin	180.8	192.7	--	35.0	41.8	43.9	--	--	--	--
Winona	159.5	146.8	46.2	26.2	35.7	33.2	9.8	13.1	10.5	9.3
Wright	156.0	114.5	35.4	30.5	37.2	28.5	22.5	13.0	8.9	11.6
Yellow Medicine	190.7	151.0	41.6	30.0	54.8	37.7	--	--	--	--



**Mortality Table 7. Age-Adjusted<sup>1</sup> Cause-Specific Death Rates for 10 Leading Causes by State/County/CHB, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
CHB - Aitkin, Itasca, Koochiching	173.5	138.7	64.0	21.8	39.5	35.9	19.1	25.9	15.2	6.3
CHB - Clearwater, Hubbard, Lake of the Woods	159.9	130.0	52.5	30.2	37.0	30.8	29.9	20.8	12.2	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	160.7	146.1	51.6	21.2	43.3	35.4	20.5	15.2	11.4	6.3
CHB - Brown, Nicollet	144.6	114.0	32.9	23.7	30.5	32.9	17.6	13.3	8.6	11.6
CHB - Carlton, Cook, Lake, St. Louis	182.0	148.1	54.0	41.6	52.3	39.6	27.6	20.4	13.6	10.5
CHB - Cottonwood, Jackson	160.2	155.3	34.1	16.2	25.4	28.3	20.4	--	9.0	9.7
CHB - Clay, Wilkin, Becker, Otter Tail	152.0	138.0	42.8	38.4	38.3	34.0	16.7	15.5	14.6	9.9
CHB - Douglas, Grant, Pope, Stevens, Traverse	152.2	137.9	36.4	21.0	34.7	31.4	17.6	10.4	11.4	10.8
CHB - Dodge, Steele	144.1	139.2	41.0	30.6	38.3	29.1	17.7	12.8	10.0	10.5
CHB - Fillmore, Houston	140.3	140.0	48.5	22.9	34.1	34.0	13.5	14.3	7.6	8.4
CHB - Faribault, Martin	160.7	158.2	37.4	14.3	42.8	29.2	20.8	14.4	8.7	9.4
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	126.0	134.7	34.5	10.9	31.9	30.7	22.6	17.1	10.2	7.2
CHB - Kandiyohi, Renville	149.6	120.5	50.8	24.4	34.4	30.3	23.4	12.9	7.8	8.4
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	149.0	131.0	42.6	30.9	38.7	38.8	20.5	12.2	10.8	8.6
CHB - LeSueur, Waseca	151.6	135.9	35.0	26.7	32.3	34.5	20.3	13.3	8.7	11.4
CHB - Meecker, McLeod, Sibley	108.0	97.0	28.0	17.5	25.5	25.6	19.4	10.4	5.4	5.4
CHB - Mahnomen, Norman, Polk	163.5	153.8	59.9	45.3	43.1	33.2	34.2	20.4	14.2	9.9
CHB - Morrison, Todd, Wadena	157.6	134.5	54.3	26.2	41.4	35.6	28.4	13.7	11.3	6.3

**Mortality Table 7. Age-Adjusted<sup>1</sup> Cause-Specific Death Rates for 10 Leading Causes by State/County/CHB, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
<b>Metro CHBs</b>										
CHB - Bloomington	142.2	102.1	45.5	26.6	34.9	35.7	15.9	11.9	6.9	15.3
CHB - Edina	114.3	78.0	33.7	35.8	19.2	29.4	10.6	9.5	9.2	12.1
CHB - Minneapolis	163.6	119.1	58.6	26.5	41.0	38.4	24.6	11.2	11.9	10.9
CHB - Richfield	144.7	99.7	43.7	14.9	38.6	28.0	22.7	--	11.4	--
CHB - St. Paul	182.4	131.8	58.4	42.4	43.2	48.9	30.7	13.7	11.4	10.6

<sup>1</sup> 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, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
<b>State of Minnesota</b>	25,800	11,873	7,545	667	4,028	2,554	2,955	3,454	881	447
Aitkin	152	51	49	3	26	17	14	16	3	0
Anoka	1,686	593	466	29	288	135	178	240	44	26
Becker	184	107	60	7	45	27	22	26	7	3
Beltrami	232	136	93	7	46	32	40	38	17	1
Benton	166	83	66	5	21	20	19	30	7	8
Big Stone	27	17	13	1	2	3	1	2	1	1
Blue Earth	248	127	65	9	53	34	28	48	8	4
Brown	130	50	36	3	14	8	12	18	5	3
Carlton	203	107	75	1	40	24	47	27	8	5
Carver	344	108	79	13	37	26	27	53	9	7
Cass	225	125	85	6	46	28	39	29	13	1
Chippewa	85	32	15	4	10	11	10	9	1	2
Chisago	283	136	84	9	38	27	27	36	13	8
Clay	273	140	88	10	48	19	30	37	20	2
Clearwater	73	47	22	2	11	5	10	6	5	0
Cook	41	13	6	0	9	2	5	4	0	1
Cottonwood	56	40	15	1	12	7	12	7	1	0
Crow Wing	393	159	108	7	75	37	44	56	18	7
Dakota	1,732	667	394	49	209	145	185	256	51	33
Dodge	96	57	27	4	12	9	5	15	3	2
Douglas	236	99	58	5	37	18	20	18	11	6
Faribault	106	62	22	0	18	14	18	12	3	2
Fillmore	115	50	33	2	25	8	5	16	4	2
Freeborn	197	96	39	12	30	23	23	22	5	4
Goodhue	265	145	85	6	37	35	26	33	3	7
Grant	45	29	6	1	6	2	3	3	1	1
Hennepin	5,056	2,261	1,611	113	721	575	612	641	189	100
Houston	89	54	35	3	12	10	9	10	1	2
Hubbard	164	58	28	3	24	11	16	17	5	3
Isanti	226	87	67	4	50	24	25	33	5	1

**Mortality Table 8. Premature Deaths (Under age 75) for 10 Leading Causes by State/County/CHB, Minnesota, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
Itasca	335	210	84	11	64	30	29	55	14	6
Jackson	56	28	9	1	8	1	3	5	1	1
Kanabec	82	50	30	4	23	5	9	17	5	2
Kandiyohi	215	94	79	6	24	20	23	24	7	4
Kittson	23	19	10	0	2	5	3	4	2	1
Koochiching	98	48	27	3	11	9	9	11	3	3
Lac Qui Parle	42	25	13	1	2	3	1	4	4	1
Lake	69	42	15	5	16	9	8	7	2	3
Lake of the Woods	18	13	5	0	2	3	1	7	1	0
Le Sueur	134	74	28	3	19	15	17	15	3	0
Lincoln	36	15	11	0	5	3	2	2	0	1
Lyon	117	49	24	1	17	11	16	15	5	0
McLeod	184	74	36	2	26	24	21	25	3	2
Mahnomen	46	31	28	1	13	1	8	7	2	1
Marshall	45	32	18	0	9	3	5	1	3	0
Martin	143	73	31	1	31	5	10	11	0	3
Meeker	133	60	26	5	19	10	23	21	3	1
Mille Lacs	170	78	68	1	38	12	24	27	9	2
Morrison	191	86	65	2	30	20	19	16	8	2
Mower	208	103	54	9	36	13	21	23	4	3
Murray	48	21	17	1	10	5	4	4	0	0
Nicollet	124	63	34	3	16	12	15	17	1	4
Nobles	110	50	26	1	17	6	17	8	2	1
Norman	37	33	17	2	7	3	7	7	2	0
Olmsted	586	302	195	25	95	53	49	83	15	11
Otter Tail	338	254	87	9	60	25	20	51	15	7
Pennington	65	57	14	1	16	6	11	11	3	2
Pine	203	102	58	2	51	22	29	27	8	1
Pipestone	49	27	8	2	4	6	4	6	0	2
Polk	179	106	59	9	33	19	31	25	9	5
Pope	58	27	12	2	3	8	6	6	1	1

**Mortality Table 8. Premature Deaths (Under age 75) for 10 Leading Causes by State/County/CHB, Minnesota, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
Ramsey	2,391	1,078	800	81	378	309	333	333	105	42
Red Lake	22	16	5	0	1	2	3	5	0	0
Redwood	78	54	31	0	11	11	16	10	4	3
Renville	77	58	30	0	15	10	15	9	4	1
Rice	277	126	70	3	45	23	30	26	4	7
Rock	52	24	20	3	6	3	2	5	3	2
Roseau	61	44	16	1	12	4	7	14	1	1
St. Louis	1,234	604	373	40	251	107	173	188	46	11
Scott	489	196	136	13	50	45	34	63	12	14
Sherburne	373	142	123	9	68	23	45	64	10	4
Sibley	79	35	31	1	9	6	11	7	2	0
Stearns	628	281	201	12	75	57	61	91	28	16
Steele	164	88	42	9	26	18	22	21	6	2
Stevens	45	20	9	0	0	2	1	0	1	0
Swift	43	31	27	1	16	5	5	1	0	0
Todd	137	81	41	3	22	8	14	15	4	1
Traverse	15	10	9	1	0	2	4	4	1	0
Wabasha	120	63	20	2	26	12	5	8	2	0
Wadena	101	70	29	1	20	10	19	11	7	2
Waseca	86	41	17	0	21	7	10	13	1	0
Washington	1,079	406	244	40	131	105	103	136	27	17
Watonwan	61	34	16	2	7	7	5	9	1	0
Wilkin	37	22	10	1	7	5	3	2	1	0
Winona	267	142	81	2	33	28	22	28	6	3
Wright	560	204	137	8	76	35	50	82	8	9
Yellow Medicine	54	21	9	2	13	7	5	9	1	0

**Mortality Table 8. Premature Deaths (Under age 75) for 10 Leading Causes by State/County/CHB, Minnesota, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
CHB - Aitkin, Itasca, Koochiching	585	309	160	17	101	56	52	82	20	9
CHB - Clearwater, Hubbard, Lake of the Woods	255	118	55	5	37	19	27	30	11	3
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	251	126	77	9	43	29	22	25	7	4
CHB - Brown, Nicollet	254	113	70	6	30	20	27	35	6	7
CHB - Carlton, Cook, Lake, St. Louis	1,547	766	469	46	316	142	233	226	56	20
CHB - Cottonwood, Jackson	112	68	24	2	20	8	15	12	2	1
CHB - Clay, Wilkin, Becker, Otter Tail	832	523	245	27	160	76	75	116	43	12
CHB - Douglas, Grant, Pope, Stevens, Traverse	399	185	94	9	46	32	34	31	15	8
CHB - Dodge, Steele	260	145	69	13	38	27	27	36	9	4
CHB - Fillmore, Houston	204	104	68	5	37	18	14	26	5	4
CHB - Faribault, Martin	249	135	53	1	49	19	28	23	3	5
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	216	168	63	2	40	20	29	35	9	4
CHB - Kandiyohi, Renville	292	152	109	6	39	30	38	33	11	5
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	380	190	111	7	53	39	44	42	12	8
CHB - LeSueur, Waseca	220	115	45	3	40	22	27	28	4	0
CHB - Meeker, McLeod, Sibley	396	169	93	8	54	40	55	53	8	3
CHB - Mahnomen, Norman, Polk	262	170	104	12	53	23	46	39	13	6
CHB - Morrison, Todd, Wadena	429	237	135	6	72	38	52	42	19	5

**Mortality Table 8. Premature Deaths (Under age 75) for 10 Leading Causes by State/County/CHB, Minnesota, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
<b>Metro CHBs</b>										
CHB - Bloomington	396	162	99	9	58	50	46	48	14	18
CHB - Edina	157	45	41	8	13	12	22	22	6	5
CHB - Minneapolis	1,632	897	779	29	298	219	269	223	70	22
CHB - Richfield	162	75	52	2	33	17	22	14	4	1
CHB - St. Paul	1,329	616	545	39	237	185	211	193	58	20

<sup>1</sup>Due 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-Adjusted<sup>1</sup> Cause-Specific Premature (<75 yrs) Death Rates for 10 Leading Causes by State/County/CHB, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
<b>State of Minnesota</b>	73.8	34.8	25.9	1.9	11.2	7.4	8.6	12.3	2.7	1.3
Aitkin	93.2	37.6	62.1	--	17.6	--	--	--	--	--
Anoka	77.3	27.8	25.7	1.4	13.1	6.4	8.2	13.2	2.1	1.2
Becker	70.5	43.4	35.5	--	16.2	9.9	9.3	17.3	--	--
Beltrami	82.6	55.6	42.6	--	15.4	11.9	17.1	16.9	--	--
Benton	72.0	37.6	31.6	--	9.3	9.4	--	15.6	--	--
Big Stone	70.5	--	--	--	--	--	--	--	--	--
Blue Earth	71.3	37.6	20.0	--	14.9	10.0	7.7	14.1	--	--
Brown	72.5	29.3	26.5	--	--	--	--	--	--	--
Carlton	81.5	43.9	40.4	--	15.7	9.2	19.5	15.4	--	--
Carver	61.0	19.6	15.7	--	6.9	4.7	4.9	9.6	--	--
Cass	86.8	53.3	62.9	--	15.5	11.7	15.3	22.5	--	--
Chippewa	98.2	42.3	--	--	--	--	--	--	--	--
Chisago	76.6	38.5	27.4	--	10.3	7.4	7.2	13.0	--	--
Clay	84.9	43.0	29.2	--	14.8	--	9.6	11.7	6.2	--
Clearwater	112.9	78.2	54.0	--	--	--	--	--	--	--
Cook	87.4	--	--	--	--	--	--	--	--	--
Cottonwood	70.4	59.8	--	--	--	--	--	--	--	--
Crow Wing	79.3	33.4	32.4	--	13.3	7.4	9.3	18.7	--	--
Dakota	67.3	26.5	17.8	2.0	8.1	5.8	7.3	12.2	2.0	1.3
Dodge	77.8	45.4	23.8	--	--	--	--	--	--	--
Douglas	85.7	38.8	27.9	--	11.5	--	6.7	--	--	--
Faribault	96.9	59.9	32.2	--	--	--	--	--	--	--
Fillmore	77.1	33.5	30.8	--	15.3	--	--	--	--	--
Freeborn	86.8	44.1	22.5	--	12.7	10.5	10.7	15.5	--	--
Goodhue	77.9	43.2	32.7	--	10.4	10.5	8.2	15.2	--	--
Grant	99.4	70.7	--	--	--	--	--	--	--	--
Hennepin	69.4	31.8	24.4	1.6	9.8	8.1	8.5	9.9	2.7	1.4
Houston	62.0	38.7	30.7	--	--	--	--	--	--	--
Hubbard	90.7	30.7	29.6	--	13.1	--	--	--	--	--
Isanti	88.5	35.2	33.3	--	18.9	9.4	10.0	18.1	--	--







**Mortality Table 9. Age-Adjusted<sup>1</sup> Cause-Specific Premature (<75 yrs) Death Rates for 10 Leading Causes by State/County/CHB, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/ Pneumonia	Parkinson's
CHB - Aitkin, Itasca, Koochiching	90.8	49.5	41.1	--	14.8	8.5	8.1	24.8	3.6	--
CHB - Clearwater, Hubbard, Lake of the Woods	90.3	42.9	36.4	--	12.7	--	9.4	20.4	--	--
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	83.2	43.7	36.8	--	13.3	9.8	7.8	14.0	--	--
CHB - Brown, Nicollet	65.3	30.7	21.5	--	7.5	5.5	6.6	12.3	--	--
CHB - Carlton, Cook, Lake, St. Louis	90.5	46.1	37.2	2.5	18.0	8.5	14.3	18.8	3.5	1.1
CHB - Cottonwood, Jackson	76.1	50.2	22.7	--	12.0	--	--	--	--	--
CHB - Clay, Wilkin, Becker, Otter Tail	75.4	48.8	29.8	2.2	13.6	7.1	7.3	15.1	4.1	--
CHB - Douglas, Grant, Pope, Stevens, Traverse	81.6	40.6	25.5	--	8.3	6.0	7.1	9.9	--	--
CHB - Dodge, Steele	72.1	40.3	22.9	--	10.4	7.7	7.8	12.5	--	--
CHB - Fillmore, Houston	69.6	36.0	31.0	--	11.9	--	--	14.1	--	--
CHB - Faribault, Martin	88.4	49.7	27.0	--	17.2	--	10.4	13.7	--	--
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	61.8	50.7	25.0	--	11.0	5.5	9.5	16.3	--	--
CHB - Kandiyohi, Renville	75.4	39.6	36.7	--	9.4	7.6	9.2	11.9	--	--
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	76.6	39.7	30.3	--	10.0	8.6	9.6	11.7	--	--
CHB - LeSueur, Waseca	68.1	36.4	18.0	--	12.1	6.7	7.9	12.1	--	--
CHB - Meeker, McLeod, Sibley	55.2	23.5	17.2	--	7.0	5.6	7.3	10.1	--	--
CHB - Mahnommen, Norman, Polk	86.6	57.6	48.8	--	16.7	7.3	16.0	20.4	--	--
CHB - Morrison, Todd, Wadena	81.5	48.0	36.3	--	13.1	7.4	10.2	12.9	--	--

**Mortality Table 9. Age-Adjusted<sup>1</sup> Cause-Specific Premature (<75 yrs) Death Rates for 10 Leading Causes by State/County/CHB, 2014-2018.**

	Cancer	Heart Disease	Unint. Injury	Alzheimer's	CLRD	Stroke	Diabetes	Suicide	Influenza/Pneumonia	Parkinson's
<b>Metro CHBs</b>										
CHB - Bloomington	67.7	28.3	22.0	--	9.8	8.3	8.0	10.6	--	--
CHB - Edina	43.1	12.3	14.3	--	--	--	6.0	9.3	--	--
CHB - Minneapolis	86.0	46.8	37.5	1.7	16.1	11.6	14.2	10.4	3.7	1.3
CHB - Richfield	78.5	37.7	26.4	--	16.2	--	10.9	--	--	--
CHB - St. Paul	93.6	43.4	37.4	3.0	17.0	13.4	15.3	12.7	4.0	1.5

<sup>1</sup>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 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 2018 are the source documents for data on vital statistics of Minnesota residents. Late 2018 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 2018 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, 2018.” 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 2018 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](mailto: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.