

# **2012 Minnesota County Health Tables**

## **2012 Minnesota County Health Tables**

Minnesota Department of Health  
Minnesota Center for Health Statistics  
PO Box 64882  
St. Paul, MN 55164-64882  
[healthstats@state.mn.us](mailto:healthstats@state.mn.us)  
[www.health.state.mn.us/divs/chs](http://www.health.state.mn.us/divs/chs)

*To obtain this information in a different format, email [healthstats@state.mn.us](mailto:healthstats@state.mn.us).*

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Demographics Table 1: County Population Estimates by Age and Sex, 2012

State, County or CHB	Sex	Age Group									Total
		0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
Minnesota	F	346,949	350,055	357,427	338,596	360,675	390,591	272,617	156,089	133,971	2,706,970
	M	362,162	365,605	369,523	348,429	364,408	388,474	261,186	133,188	79,194	2,672,169
Aitkin	F	716	770	544	598	877	1,337	1,447	999	557	7,845
	M	795	771	584	628	934	1,344	1,519	1,021	486	8,082
Anoka	F	22,195	22,750	19,999	22,103	26,113	25,551	16,381	8,142	4,904	168,138
	M	23,056	24,387	20,782	22,746	26,217	25,792	15,397	6,937	2,962	168,276
Becker	F	2,208	2,122	1,638	1,782	1,852	2,520	2,146	1,263	976	16,507
	M	2,211	2,152	1,667	1,852	1,962	2,626	2,181	1,240	602	16,493
Beltrami	F	3,234	3,159	3,576	2,414	2,543	3,053	2,306	1,333	1,063	22,681
	M	3,505	3,328	3,841	2,519	2,379	2,939	2,276	1,232	675	22,694
Benton	F	2,716	2,301	3,012	2,617	2,478	2,453	1,746	984	1,101	19,408
	M	2,766	2,525	3,047	2,824	2,632	2,545	1,692	882	544	19,457
Big Stone	F	298	284	213	222	286	416	338	279	299	2,635
	M	291	316	196	239	284	444	322	252	185	2,529
Blue Earth	F	3,573	4,697	7,417	3,568	3,186	3,862	2,721	1,630	1,730	32,384
	M	3,772	4,454	8,365	3,864	3,409	3,796	2,757	1,365	925	32,707
Brown	F	1,417	1,538	1,459	1,232	1,514	2,005	1,419	1,039	1,150	12,773
	M	1,607	1,667	1,568	1,327	1,524	1,987	1,449	852	671	12,652
Carlton	F	2,185	2,125	1,714	1,970	2,251	2,624	1,852	1,260	1,004	16,985
	M	2,277	2,353	2,227	2,376	2,660	2,866	1,977	1,087	540	18,363
Carver	F	6,909	7,570	4,437	6,230	8,154	6,917	3,608	1,855	1,507	47,187
	M	7,148	7,800	4,573	6,028	7,863	7,082	3,606	1,575	845	46,520
Cass	F	1,600	1,576	1,247	1,260	1,599	2,274	2,211	1,383	748	13,898
	M	1,738	1,656	1,306	1,343	1,675	2,334	2,279	1,537	591	14,459
Chippewa	F	729	759	624	629	751	903	739	489	556	6,179
	M	769	778	650	672	719	920	732	407	309	5,956
Chisago	F	3,159	3,796	2,518	3,076	4,243	4,028	2,633	1,375	1,042	25,870
	M	3,419	3,884	3,277	3,394	4,648	4,209	2,688	1,362	701	27,582
Clay	F	3,865	4,735	5,747	3,641	3,316	3,711	2,442	1,559	1,489	30,505
	M	4,032	4,471	5,702	3,745	3,381	3,678	2,410	1,357	874	29,650
Clearwater	F	603	502	415	454	472	682	547	375	259	4,309
	M	583	606	464	482	524	647	560	340	188	4,394
Cook	F	222	247	223	248	313	514	470	226	165	2,628
	M	224	256	227	245	299	478	487	235	106	2,557
Cottonwood	F	718	744	503	580	680	835	716	529	583	5,888
	M	721	798	575	558	677	880	706	449	345	5,709
Crow Wing	F	3,900	3,644	3,355	3,367	3,727	4,797	4,154	2,698	1,919	31,561
	M	4,052	3,888	3,438	3,470	3,946	4,606	4,095	2,532	1,294	31,321
Dakota	F	27,411	27,535	24,306	27,548	31,170	31,327	19,534	9,920	7,198	205,949
	M	28,511	29,275	24,671	26,864	29,858	29,838	17,833	7,974	4,315	199,139
Dodge	F	1,473	1,603	1,035	1,273	1,436	1,424	875	586	444	10,149
	M	1,509	1,617	1,063	1,311	1,475	1,433	884	496	294	10,082
Douglas	F	2,073	2,045	2,001	1,899	2,139	2,745	2,326	1,645	1,362	18,235
	M	2,226	2,104	2,271	2,041	2,169	2,674	2,318	1,496	881	18,180
Faribault	F	787	847	632	698	820	1,116	875	692	711	7,178
	M	854	947	700	737	805	1,211	879	551	401	7,085
Fillmore	F	1,257	1,295	983	1,115	1,245	1,565	1,224	855	868	10,407
	M	1,474	1,311	1,074	1,151	1,330	1,553	1,273	755	506	10,427
Freeborn	F	1,884	1,742	1,595	1,587	1,874	2,310	1,921	1,434	1,286	15,633
	M	1,893	1,890	1,721	1,712	1,956	2,429	1,864	1,184	772	15,421
Goodhue	F	2,863	2,857	2,303	2,571	3,067	3,668	2,671	1,671	1,689	23,360
	M	2,938	3,133	2,443	2,625	3,023	3,726	2,662	1,469	957	22,976
Grant	F	373	320	267	299	331	462	386	278	274	2,990
	M	352	340	271	346	332	454	401	269	189	2,954

**Demographics Table 1: County Population Estimates by Age and Sex, 2012**

State, County or CHB	Sex	Age Group									Total
		0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
Minnesota	F	346,949	350,055	357,427	338,596	360,675	390,591	272,617	156,089	133,971	2,706,970
	M	362,162	365,605	369,523	348,429	364,408	388,474	261,186	133,188	79,194	2,672,169
Hennepin	F	75,054	70,128	92,953	84,542	79,467	84,555	57,816	29,590	27,299	601,404
	M	78,047	72,722	92,453	86,887	80,136	82,008	52,129	23,299	15,491	583,172
Houston	F	1,073	1,182	866	943	1,275	1,616	1,108	743	682	9,488
	M	1,141	1,227	931	990	1,178	1,669	1,154	632	427	9,349
Hubbard	F	1,147	1,159	820	965	1,235	1,644	1,530	1,021	574	10,095
	M	1,216	1,184	905	978	1,252	1,649	1,612	997	459	10,252
Isanti	F	2,528	2,598	2,208	2,349	2,678	2,739	1,926	1,133	837	18,996
	M	2,673	2,695	2,285	2,448	2,802	2,997	1,859	1,029	464	19,252
Itasca	F	2,400	2,694	2,045	2,259	2,730	3,706	3,204	1,864	1,491	22,393
	M	2,709	2,907	2,310	2,391	2,629	3,741	3,284	1,844	1,013	22,828
Jackson	F	576	620	476	543	576	806	567	447	429	5,040
	M	638	687	564	583	646	884	567	377	295	5,241
Kanabec	F	938	986	736	896	1,039	1,233	1,039	639	394	7,900
	M	948	1,115	827	858	1,050	1,402	1,017	632	256	8,105
Kandiyohi	F	2,730	2,536	2,593	2,283	2,514	3,266	2,307	1,513	1,425	21,167
	M	2,915	2,854	2,921	2,384	2,487	3,208	2,286	1,279	878	21,212
Kittson	F	239	284	142	194	262	387	271	197	255	2,231
	M	228	308	197	191	300	394	337	188	119	2,262
Koochiching	F	644	830	560	626	854	1,085	922	560	495	6,576
	M	660	872	634	608	864	1,191	961	556	286	6,632
Lac Qui Parle	F	366	425	246	318	388	586	456	339	407	3,531
	M	416	447	288	349	406	642	469	308	253	3,578
Lake	F	546	551	491	513	592	948	751	525	426	5,343
	M	574	563	514	548	622	981	797	518	358	5,475
Lake of the Woods	F	200	197	132	188	234	393	283	177	137	1,941
	M	209	231	156	177	269	404	310	196	80	2,032
Le Sueur	F	1,799	1,906	1,353	1,582	1,920	2,011	1,510	935	709	13,725
	M	1,877	1,906	1,431	1,706	2,023	2,197	1,521	848	443	13,952
Lincoln	F	345	332	242	287	286	408	366	321	320	2,907
	M	389	322	257	312	341	463	338	282	207	2,911
Lyon	F	1,730	1,723	1,937	1,470	1,478	1,786	1,103	728	849	12,804
	M	1,833	1,798	2,047	1,609	1,515	1,719	1,170	625	423	12,739
McLeod	F	2,338	2,391	1,914	2,078	2,470	2,551	1,932	1,261	1,213	18,148
	M	2,520	2,473	2,059	2,199	2,509	2,545	1,863	1,091	646	17,905
Mahnomn	F	465	371	309	305	283	339	329	207	145	2,753
	M	512	425	277	292	291	407	295	200	84	2,783
Marshall	F	582	604	425	485	572	691	534	401	360	4,654
	M	559	654	460	540	632	782	572	358	238	4,795
Martin	F	1,185	1,239	962	996	1,179	1,649	1,248	904	1,034	10,396
	M	1,183	1,311	1,026	1,058	1,194	1,713	1,257	776	561	10,079
Meeker	F	1,567	1,414	1,052	1,246	1,403	1,722	1,307	827	732	11,270
	M	1,598	1,627	1,204	1,322	1,514	1,876	1,383	777	490	11,791
Mille Lacs	F	1,694	1,595	1,390	1,441	1,745	1,780	1,394	938	805	12,782
	M	1,821	1,868	1,363	1,548	1,733	1,910	1,365	890	460	12,958
Morrison	F	2,089	2,077	1,758	1,794	2,127	2,510	1,774	1,219	1,048	16,396
	M	2,253	2,237	1,848	1,942	2,225	2,613	1,856	1,045	637	16,656
Mower	F	2,785	2,504	2,231	2,224	2,305	2,648	1,972	1,447	1,645	19,761
	M	2,856	2,713	2,375	2,415	2,433	2,779	1,972	1,122	946	19,611
Murray	F	492	513	373	409	476	682	552	401	411	4,309
	M	508	530	375	415	530	674	605	368	263	4,268
Nicollet	F	1,997	2,427	2,836	1,925	1,835	2,191	1,601	901	802	16,515
	M	2,062	2,342	2,899	2,067	2,008	2,190	1,601	790	455	16,414

Demographics Table 1: County Population Estimates by Age and Sex, 2012

State, County or CHB	Sex	Age Group									Total
		0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
Minnesota	F	346,949	350,055	357,427	338,596	360,675	390,591	272,617	156,089	133,971	2,706,970
	M	362,162	365,605	369,523	348,429	364,408	388,474	261,186	133,188	79,194	2,672,169
Nobles	F	1,582	1,392	1,182	1,183	1,215	1,362	1,039	695	761	10,411
	M	1,668	1,483	1,627	1,302	1,398	1,517	1,013	640	428	11,076
Norman	F	356	443	252	348	400	524	366	306	309	3,304
	M	404	500	271	339	406	541	405	276	188	3,330
Olmsted	F	10,284	9,119	9,858	10,222	9,549	11,090	7,152	4,256	3,572	75,102
	M	10,993	9,406	9,258	10,266	9,528	10,299	6,441	3,623	2,150	71,964
Otter Tail	F	3,154	3,271	2,551	2,623	3,385	4,605	3,932	2,679	2,283	28,483
	M	3,335	3,659	2,863	2,883	3,363	4,795	4,053	2,444	1,410	28,805
Pennington	F	917	837	960	840	803	1,043	747	487	476	7,110
	M	960	915	960	878	895	1,014	710	406	226	6,964
Pine	F	1,610	1,658	1,318	1,461	1,788	2,174	1,761	1,167	686	13,623
	M	1,755	1,833	1,817	2,109	2,289	2,420	1,710	1,140	522	15,595
Pipestone	F	621	611	438	459	578	679	508	393	498	4,785
	M	654	629	494	454	569	743	480	294	243	4,560
Polk	F	1,982	2,059	1,908	1,637	1,840	2,281	1,663	1,120	1,162	15,652
	M	2,044	2,168	2,215	1,745	1,981	2,389	1,715	925	582	15,764
Pope	F	582	577	508	544	600	856	734	527	458	5,386
	M	702	629	556	591	637	862	792	436	301	5,506
Ramsey	F	34,324	33,240	44,702	34,153	31,715	36,518	25,809	13,945	13,103	267,509
	M	35,715	34,382	42,849	34,194	31,337	33,431	23,029	10,658	7,048	252,643
Red Lake	F	279	256	171	250	234	312	231	162	143	2,038
	M	287	248	211	240	245	352	235	153	78	2,049
Redwood	F	1,036	1,013	740	761	959	1,125	940	673	729	7,976
	M	1,092	1,069	820	835	960	1,162	911	610	412	7,871
Renville	F	882	967	720	738	935	1,208	810	642	652	7,554
	M	951	1,007	810	829	947	1,363	911	583	414	7,815
Rice	F	3,974	4,975	4,642	3,453	3,988	4,279	2,991	1,846	1,524	31,672
	M	4,066	5,047	5,464	4,097	4,571	4,492	2,863	1,640	942	33,182
Rock	F	651	633	415	568	541	696	528	384	437	4,853
	M	661	685	446	518	571	689	568	315	247	4,700
Roseau	F	1,034	1,113	648	823	1,097	1,203	783	467	407	7,575
	M	957	1,226	765	901	1,197	1,320	814	451	270	7,901
St. Louis	F	10,507	12,312	14,007	10,469	11,595	15,823	11,658	7,021	6,424	99,816
	M	10,930	12,654	15,835	11,454	12,011	15,952	12,119	5,885	3,663	100,503
Scott	F	10,885	10,142	7,101	10,458	11,569	8,525	5,120	2,405	1,674	67,879
	M	11,069	10,655	7,060	9,894	11,603	9,067	4,733	2,208	984	67,273
Sherburne	F	6,685	6,690	5,138	6,142	6,954	5,704	3,482	1,628	1,333	43,756
	M	6,940	7,064	5,898	6,579	7,362	6,083	3,457	1,600	716	45,699
Sibley	F	992	987	723	868	1,020	1,061	774	581	519	7,525
	M	1,051	1,049	783	925	1,000	1,214	818	461	297	7,598
Stearns	F	9,406	10,985	12,876	8,555	9,199	9,799	6,750	4,221	3,343	75,134
	M	9,663	11,233	13,959	9,213	9,518	10,074	6,743	3,769	2,300	76,472
Steele	F	2,639	2,454	1,933	2,153	2,442	2,566	1,818	1,190	1,151	18,346
	M	2,598	2,565	2,050	2,177	2,554	2,623	1,796	994	619	17,976
Stevens	F	579	765	814	465	472	617	435	320	392	4,859
	M	585	763	865	509	475	646	447	282	232	4,804
Swift	F	567	567	425	491	567	707	576	398	456	4,754
	M	592	613	520	517	634	775	593	320	276	4,840
Todd	F	1,535	1,590	1,154	1,200	1,501	1,830	1,455	1,008	655	11,928
	M	1,742	1,681	1,308	1,328	1,524	2,022	1,538	928	510	12,581
Traverse	F	178	217	129	154	209	261	181	205	211	1,745
	M	176	241	150	168	197	270	203	160	141	1,706

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		0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
Minnesota	F	346,949	350,055	357,427	338,596	360,675	390,591	272,617	156,089	133,971	2,706,970
	M	362,162	365,605	369,523	348,429	364,408	388,474	261,186	133,188	79,194	2,672,169
Wabasha	F	1,366	1,335	1,026	1,112	1,487	1,658	1,332	790	655	10,761
	M	1,374	1,383	1,076	1,200	1,467	1,681	1,333	742	459	10,715
Wadena	F	940	847	646	708	761	984	811	615	643	6,955
	M	936	885	749	732	785	1,012	798	537	378	6,812
Waseca	F	1,163	1,213	1,276	1,476	1,357	1,451	989	606	627	10,158
	M	1,294	1,210	1,010	1,107	1,188	1,368	1,019	496	387	9,079
Washington	F	15,956	17,639	12,816	15,207	19,516	19,159	12,415	6,167	4,325	123,200
	M	16,632	18,347	13,754	15,111	18,495	18,653	11,948	5,311	2,637	120,888
Watonwan	F	729	772	538	598	646	834	568	436	473	5,594
	M	757	809	597	647	620	850	621	415	277	5,593
Wilkin	F	384	440	310	347	422	514	351	268	213	3,249
	M	428	499	315	365	442	567	336	230	154	3,336
Winona	F	2,508	4,170	5,563	2,436	2,691	3,448	2,492	1,522	1,428	26,258
	M	2,601	3,820	5,452	2,631	2,754	3,419	2,557	1,359	778	25,371
Wright	F	10,185	9,291	6,639	9,361	9,673	7,876	5,420	2,810	1,988	63,243
	M	10,822	9,807	6,779	9,256	10,010	8,429	5,087	2,647	1,256	64,093
Yellow Medicine	F	600	626	487	491	607	788	506	412	453	4,970
	M	660	716	628	519	605	851	563	367	279	5,188
CHB - Aitkin, Itasca, Koochiching	F	3,760	4,294	3,149	3,483	4,461	6,128	5,573	3,423	2,543	36,814
	M	4,164	4,550	3,528	3,627	4,427	6,276	5,764	3,421	1,785	37,542
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	F	5,184	5,017	4,943	4,021	4,484	5,772	4,666	2,906	2,033	39,026
	M	5,513	5,349	5,366	4,156	4,424	5,639	4,758	2,765	1,402	39,372
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	F	2,560	2,661	1,995	2,151	2,599	3,400	2,615	1,917	2,171	22,069
	M	2,728	2,870	2,282	2,296	2,648	3,632	2,679	1,654	1,302	22,091
CHB - Brown, Nicollet	F	3,414	3,965	4,295	3,157	3,349	4,196	3,020	1,940	1,952	29,288
	M	3,669	4,009	4,467	3,394	3,532	4,177	3,050	1,642	1,126	29,066
CHB - Carlton, Cook, Lake, St. Louis	F	13,460	15,235	16,435	13,200	14,751	19,909	14,731	9,032	8,019	124,772
	M	14,005	15,826	18,803	14,623	15,592	20,277	15,380	7,725	4,667	126,898
CHB - Cottonwood, Jackson	F	1,294	1,364	979	1,123	1,256	1,641	1,283	976	1,012	10,928
	M	1,359	1,485	1,139	1,141	1,323	1,764	1,273	826	640	10,950
CHB - Clay, Wilkin	F	4,249	5,175	6,057	3,988	3,738	4,225	2,793	1,827	1,702	33,754
	M	4,460	4,970	6,017	4,110	3,823	4,245	2,746	1,587	1,028	32,986
CHB - Douglas, Grant, Pope, Stevens, Traverse	F	3,785	3,924	3,719	3,361	3,751	4,941	4,062	2,975	2,697	33,215
	M	4,041	4,077	4,113	3,655	3,810	4,906	4,161	2,643	1,744	33,150
CHB - Dodge, Steele	F	4,112	4,057	2,968	3,426	3,878	3,990	2,693	1,776	1,595	28,495
	M	4,107	4,182	3,113	3,488	4,029	4,056	2,680	1,490	913	28,058
CHB - Fillmore, Houston	F	2,330	2,477	1,849	2,058	2,520	3,181	2,332	1,598	1,550	19,895
	M	2,615	2,538	2,005	2,141	2,508	3,222	2,427	1,387	933	19,776

**Demographics Table 1: County Population Estimates by Age and Sex, 2012**

State, County or CHB	Sex	Age Group									Total
		0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
Minnesota	F	346,949	350,055	357,427	338,596	360,675	390,591	272,617	156,089	133,971	2,706,970
	M	362,162	365,605	369,523	348,429	364,408	388,474	261,186	133,188	79,194	2,672,169
CHB - Faribault, Martin	F	1,972	2,086	1,594	1,694	1,999	2,765	2,123	1,596	1,745	17,574
	M	2,037	2,258	1,726	1,795	1,999	2,924	2,136	1,327	962	17,164
CHB - Isanti, Mille Lacs	F	4,222	4,193	3,598	3,790	4,423	4,519	3,320	2,071	1,642	31,778
	M	4,494	4,563	3,648	3,996	4,535	4,907	3,224	1,919	924	32,210
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	F	3,051	3,094	2,346	2,592	2,968	3,636	2,566	1,714	1,641	23,608
	M	2,991	3,351	2,593	2,750	3,269	3,862	2,668	1,556	931	23,971
CHB - Kanabec, Pine	F	2,548	2,644	2,054	2,357	2,827	3,407	2,800	1,806	1,080	21,523
	M	2,703	2,948	2,644	2,967	3,339	3,822	2,727	1,772	778	23,700
CHB - Kandiyohi, Renville	F	3,612	3,503	3,313	3,021	3,449	4,474	3,117	2,155	2,077	28,721
	M	3,866	3,861	3,731	3,213	3,434	4,571	3,197	1,862	1,292	29,027
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	F	4,875	4,825	4,145	3,954	4,318	5,376	3,997	2,900	3,244	37,634
	M	5,137	5,033	4,439	4,143	4,486	5,450	4,072	2,494	1,795	37,049
CHB - LeSueur, Waseca	F	2,962	3,119	2,629	3,058	3,277	3,462	2,499	1,541	1,336	23,883
	M	3,171	3,116	2,441	2,813	3,211	3,565	2,540	1,344	830	23,031
CHB - Meeker, McLeod, Sibley	F	4,897	4,792	3,689	4,192	4,893	5,334	4,013	2,669	2,464	36,943
	M	5,169	5,149	4,046	4,446	5,023	5,635	4,064	2,329	1,433	37,294
CHB - Mahnomon,	F	2,803	2,873	2,469	2,290	2,523	3,144	2,358	1,633	1,616	21,709
	M	2,960	3,093	2,763	2,376	2,678	3,337	2,415	1,401	854	21,877
CHB - Morrison, Todd, Wadena	F	4,564	4,514	3,558	3,702	4,389	5,324	4,040	2,842	2,346	35,279
	M	4,931	4,803	3,905	4,002	4,534	5,647	4,192	2,510	1,525	36,049

Source: US Census Population Estimates, [www.census.gov](http://www.census.gov)



**Demographics Table 2: Minnesota Population Estimates by Race Alone and Hispanicity  
By State and County, 2012**

State/County/CHB	One Race					Two or More Races	Ethnicity
	Total	White	Black/ African American	Amer. Indian/ Alaskan Native	Asian/ Pacific Islander		Hispanic/ Latino (any race)
<b>State of Minnesota</b>	<b>5,379,139</b>	<b>4,654,134</b>	<b>297,962</b>	<b>68,961</b>	<b>238,326</b>	<b>119,756</b>	<b>264,359</b>
Aitkin	15,927	15,195	65	393	40	234	166
Anoka	336,414	295,136	16,308	2,644	13,931	8,395	12,740
Becker	33,000	29,096	148	2,532	172	1,052	501
Beltrami	45,375	33,978	309	9,196	400	1,492	758
Benton	38,865	36,800	875	164	434	592	687
Big Stone	5,164	5,067	15	27	8	47	50
Blue Earth	65,091	60,383	2,012	219	1,504	973	1,806
Brown	25,425	24,966	87	42	180	150	882
Carlton	35,348	31,736	527	2,069	193	823	519
Carver	93,707	88,065	1,284	259	2,714	1,385	3,775
Cass	28,357	24,230	85	3,293	107	642	399
Chippewa	12,135	11,614	73	122	181	145	637
Chisago	53,452	51,296	679	347	488	642	903
Clay	60,155	56,328	895	842	871	1,219	2,292
Clearwater	8,703	7,582	25	793	33	270	122
Cook	5,185	4,533	31	460	35	126	77
Cottonwood	11,597	10,936	103	34	355	169	765
Crow Wing	62,882	60,819	360	530	277	896	725
Dakota	405,088	352,493	20,903	2,101	19,218	10,373	25,438
Dodge	20,231	19,729	101	68	109	224	923
Douglas	36,415	35,580	191	126	186	332	450
Faribault	14,263	13,959	64	75	48	117	845
Fillmore	20,834	20,504	65	31	82	152	214
Freeborn	31,054	29,943	321	114	333	343	2,834
Goodhue	46,336	44,233	523	583	339	658	1,431
Grant	5,944	5,821	24	15	23	61	103
Hennepin	1,184,576	908,688	145,709	14,032	80,188	35,959	81,432
Houston	18,837	18,354	116	33	96	238	161
Hubbard	20,347	19,281	74	554	74	364	346
Isanti	38,248	36,823	271	196	356	602	640
Itasca	45,221	42,215	163	1,652	178	1,013	481
Jackson	10,281	9,907	47	33	183	111	321
Kanabec	16,005	15,537	73	99	61	235	249
Kandiyohi	42,379	40,220	1,290	181	266	422	4,733
Kittson	4,493	4,425	14	11	19	24	79
Koochiching	13,208	12,502	97	326	53	230	156
Lac Qui Parle	7,109	6,960	20	18	50	61	145
Lake	10,818	10,541	39	57	36	145	104
Lake of the Woods	3,973	3,820	13	28	31	81	49
Le Sueur	27,677	26,997	135	103	181	261	1,510
Lincoln	5,818	5,743	7	11	23	34	90
Lyon	25,543	23,713	613	169	705	343	1,566
McLeod	36,053	35,090	227	118	276	342	1,864

**Demographics Table 2: Minnesota Population Estimates by Race Alone and Hispanicity  
By State and County, 2012**

State/County/CHB	One Race					Two or More Races	Ethnicity
	Total	White	Black/ African American	Amer. Indian/ Alaskan Native	Asian/ Pacific Islander		Hispanic/ Latino (any race)
<b>State of Minnesota</b>	<b>5,379,139</b>	<b>4,654,134</b>	<b>297,962</b>	<b>68,961</b>	<b>238,326</b>	<b>119,756</b>	<b>264,359</b>
Mahnomen	5,536	2,749	16	2,262	10	499	131
Marshall	9,449	9,239	39	63	28	80	359
Martin	20,475	20,009	88	70	138	170	781
Meeker	23,061	22,659	101	54	95	152	751
Mille Lacs	25,740	23,520	109	1,515	118	478	412
Morrison	33,052	32,292	151	98	140	371	463
Mower	39,372	36,693	1,183	145	794	557	4,375
Murray	8,577	8,356	34	21	91	75	258
Nicollet	32,929	31,157	740	135	463	434	1,268
Nobles	21,487	18,764	838	238	1,341	306	5,130
Norman	6,634	6,319	24	111	33	147	271
Olmsted	147,066	127,159	7,853	480	8,654	2,920	6,494
Otter Tail	57,288	55,351	590	353	338	656	1,637
Pennington	14,074	13,284	186	259	109	236	451
Pine	29,218	26,948	628	944	167	531	725
Pipestone	9,345	8,870	114	122	83	156	406
Polk	31,416	29,716	345	488	263	604	1,813
Pope	10,892	10,667	43	31	46	105	101
Ramsey	520,152	372,736	59,240	4,954	66,185	17,037	37,888
Red Lake	4,087	3,904	34	77	10	62	109
Redwood	15,847	14,211	104	786	474	272	363
Renville	15,369	14,897	55	144	84	189	1,110
Rice	64,854	59,705	2,361	405	1,421	962	5,094
Rock	9,553	9,262	70	42	64	115	206
Roseau	15,476	14,615	49	203	392	217	127
St. Louis	200,319	186,383	2,921	4,601	1,979	4,435	2,660
Scott	135,152	118,793	4,135	1,299	8,247	2,678	6,251
Sherburne	89,455	84,700	1,730	479	1,144	1,402	1,982
Sibley	15,123	14,757	63	44	91	168	1,166
Stearns	151,606	140,405	5,147	579	3,255	2,220	4,471
Steele	36,322	34,462	982	121	295	462	2,483
Stevens	9,663	9,132	114	96	166	155	373
Swift	9,594	9,333	77	47	32	105	367
Todd	24,509	23,772	121	104	167	345	1,293
Traverse	3,451	3,230	16	145	10	50	53
Wabasha	21,476	21,011	107	50	99	209	603
Wadena	13,767	13,276	129	88	54	220	188
Waseca	19,237	18,215	462	174	148	238	1,113
Washington	244,088	215,284	9,717	1,211	12,953	4,923	8,865
Watonwan	11,187	10,709	137	119	126	96	2,411
Wilkin	6,585	6,389	20	81	27	68	166
Winona	51,629	48,952	655	173	1,291	558	1,366
Wright	127,336	121,826	1,421	508	1,610	1,971	3,428
Yellow Medicine	10,158	9,585	32	342	54	145	429

**Demographics Table 2: Minnesota Population Estimates by Race Alone and Hispanicity  
By State and County, 2012**

State/County/CHB	One Race					Two or More Races	Ethnicity
	Total	White	Black/ African American	Amer. Indian/ Alaskan Native	Asian/ Pacific Islander		Hispanic/ Latino (any race)
<b>State of Minnesota</b>	<b>5,379,139</b>	<b>4,654,134</b>	<b>297,962</b>	<b>68,961</b>	<b>238,326</b>	<b>119,756</b>	<b>264,359</b>
CHB - Aitkin, Itasca, Koochiching	74,356	69,912	325	2,371	271	1,477	803
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	78,398	64,661	421	10,571	538	2,207	1,275
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Lake	44,160	42,559	217	556	325	503	1,628
CHB - Brown, Nicollet	58,354	56,123	827	177	643	584	2,150
CHB - Carlton, Cook, Lake, St. Louis	251,670	233,193	3,518	7,187	2,243	5,529	3,360
CHB - Cottonwood, Jackson	21,878	20,843	150	67	538	280	1,086
CHB - Clay, Wilkin	66,740	62,717	915	923	898	1,287	2,458
CHB - Douglas, Grant, Pope, Stevens, Traverse	66,365	64,430	388	413	431	703	1,080
CHB - Dodge, Steele	56,553	54,191	1,083	189	404	686	3,406
CHB - Fillmore, Houston	39,671	38,858	181	64	178	390	375
CHB - Faribault, Martin	34,738	33,968	152	145	186	287	1,626
CHB - Isanti, Mille Lacs	63,988	60,343	380	1,711	474	1,080	1,052
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	47,579	45,467	322	613	558	619	1,125
CHB - Kanabec, Pine	45,223	42,485	701	1,043	228	766	974
CHB - Kandiyohi, Renville	57,748	55,117	1,345	325	350	611	5,843
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	74,683	70,155	942	1,151	1,440	995	2,889
CHB - LeSueur, Waseca	46,914	45,212	597	277	329	499	2,623
CHB - Meeker, McLeod, Sibley	74,237	72,506	391	216	462	662	3,781
CHB - Mahnomon, Norman, Polk	43,586	38,784	385	2,861	306	1,250	2,215
CHB - Morrison, Todd, Wadena	71,328	69,340	401	290	361	936	1,944

Source: US Census, www.census.gov

**Demographics Table 3: Selected Minnesota Population Statistics  
By State and County, 2012**

State/County/CHB	Number under 5 years	Percent under 5 years	Number 0-19 years	Percent 0-19 years	Females Ages 15-44
<b>State of Minnesota</b>	<b>348,338</b>	<b>6.5</b>	<b>1,424,771</b>	<b>26.5</b>	<b>1,046,298</b>
Aitkin	695	4.4	3,052	19.2	1,897
Anoka	21,546	6.4	92,388	27.5	65,731
Becker	2,103	6.4	8,693	26.3	5,231
Beltrami	3,504	7.7	13,226	29.1	8,886
Benton	2,706	7.0	10,308	26.5	7,926
Big Stone	301	5.8	1,189	23.0	681
Blue Earth	3,728	5.7	16,496	25.3	15,626
Brown	1,477	5.8	6,229	24.5	4,161
Carlton	2,070	5.9	8,940	25.3	5,771
Carver	6,281	6.7	29,427	31.4	18,066
Cass	1,595	5.6	6,570	23.2	3,996
Chippewa	734	6.0	3,035	25.0	1,966
Chisago	2,981	5.6	14,258	26.7	9,424
Clay	4,055	6.7	17,103	28.4	13,879
Clearwater	568	6.5	2,294	26.4	1,332
Cook	220	4.2	949	18.3	735
Cottonwood	704	6.1	2,981	25.7	1,763
Crow Wing	3,896	6.2	15,484	24.6	10,183
Dakota	26,949	6.7	112,732	27.8	80,037
Dodge	1,396	6.9	6,202	30.7	3,751
Douglas	2,038	5.6	8,448	23.2	5,905
Faribault	812	5.7	3,435	24.1	2,106
Fillmore	1,321	6.3	5,337	25.6	3,298
Freeborn	1,803	5.8	7,409	23.9	4,853
Goodhue	2,832	6.1	11,791	25.4	7,665
Grant	355	6.0	1,385	23.3	881
Hennepin	77,851	6.6	295,951	25.0	251,845
Houston	1,019	5.4	4,623	24.5	2,985
Hubbard	1,177	5.8	4,706	23.1	2,882
Isanti	2,503	6.5	10,494	27.4	7,093
Itasca	2,409	5.3	10,710	23.7	6,883
Jackson	589	5.7	2,521	24.5	1,598
Kanabec	845	5.3	3,987	24.9	2,596
Kandiyohi	2,764	6.5	11,035	26.0	7,296
Kittson	220	4.9	1,059	23.6	603
Koochiching	608	4.6	3,006	22.8	1,959
Lac Qui Parle	370	5.2	1,654	23.3	954
Lake	580	5.4	2,234	20.7	1,548
Lake of the Woods	187	4.7	837	21.1	537
Le Sueur	1,723	6.2	7,488	27.1	4,789
Lincoln	354	6.1	1,388	23.9	839
Lyon	1,857	7.3	7,084	27.7	5,004
McLeod	2,265	6.3	9,722	27.0	6,325

**Demographics Table 3: Selected Minnesota Population Statistics  
By State and County, 2012**

State/County/CHB	Number under 5 years	Percent under 5 years	Number 0-19 years	Percent 0-19 years	Females Ages 15-44
<b>State of Minnesota</b>	<b>348,338</b>	<b>6.5</b>	<b>1,424,771</b>	<b>26.5</b>	<b>1,046,298</b>
Mahnomen	546	9.9	1,773	32.0	914
Marshall	564	6.0	2,399	25.4	1,442
Martin	1,138	5.6	4,918	24.0	3,113
Meeker	1,530	6.6	6,206	26.9	3,614
Mille Lacs	1,664	6.5	6,978	27.1	4,407
Morrison	2,138	6.5	8,656	26.2	5,594
Mower	2,836	7.2	10,858	27.6	6,752
Murray	488	5.7	2,043	23.8	1,267
Nicollet	1,995	6.1	8,828	26.8	7,062
Nobles	1,696	7.9	6,125	28.5	3,635
Norman	354	5.3	1,703	25.7	991
Olmsted	10,663	7.3	39,802	27.1	28,921
Otter Tail	3,262	5.7	13,419	23.4	8,317
Pennington	963	6.8	3,629	25.8	2,580
Pine	1,626	5.6	6,856	23.5	4,389
Pipestone	599	6.4	2,515	26.9	1,473
Polk	1,970	6.3	8,253	26.3	5,438
Pope	638	5.9	2,490	22.9	1,623
Ramsey	36,394	7.0	137,661	26.5	112,293
Red Lake	273	6.7	1,070	26.2	618
Redwood	1,010	6.4	4,210	26.6	2,445
Renville	897	5.8	3,807	24.8	2,345
Rice	3,807	5.9	18,062	27.9	13,052
Rock	591	6.2	2,630	27.5	1,525
Roseau	935	6.0	4,330	28.0	2,569
St. Louis	10,524	5.3	46,403	23.2	36,824
Scott	10,239	7.6	42,751	31.6	27,996
Sherburne	6,370	7.1	27,379	30.6	17,864
Sibley	945	6.2	4,079	27.0	2,516
Stearns	9,459	6.2	41,287	27.2	32,010
Steele	2,563	7.1	10,256	28.2	6,439
Stevens	573	5.9	2,692	27.9	2,017
Swift	566	5.9	2,339	24.4	1,462
Todd	1,657	6.8	6,548	26.7	3,818
Traverse	180	5.2	812	23.5	471
Wabasha	1,359	6.3	5,458	25.4	3,487
Wadena	940	6.8	3,608	26.2	2,141
Waseca	1,183	6.1	4,880	25.4	3,955
Washington	15,015	6.2	68,574	28.1	45,834
Watonwan	745	6.7	3,067	27.4	1,842
Wilkin	382	5.8	1,751	26.6	1,070
Winona	2,465	4.8	13,099	25.4	12,115
Wright	9,980	7.8	40,105	31.5	25,023
Yellow Medicine	625	6.2	2,602	25.6	1,549

**Demographics Table 3: Selected Minnesota Population Statistics  
By State and County, 2012**

State/County/CHB	Number under 5 years	Percent under 5 years	Number 0-19 years	Percent 0-19 years	Females Ages 15-44
<b>State of Minnesota</b>	<b>348,338</b>	<b>6.5</b>	<b>1,424,771</b>	<b>26.5</b>	<b>1,046,298</b>
CHB - Aitkin, Itasca, Koochiching	3,712	5.0	16,768	22.6	10,739
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	5,436	6.9	21,063	26.9	13,637
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	2,596	5.9	10,819	24.5	6,612
CHB - Brown, Nicollet	3,472	5.9	15,057	25.8	11,223
CHB - Carlton, Cook, Lake, St. Louis	13,394	5.3	58,526	23.3	44,878
CHB - Cottonwood, Jackson	1,293	5.9	5,502	25.1	3,361
CHB - Clay, Wilkin	4,437	6.6	18,854	28.2	14,949
CHB - Douglas, Grant, Pope, Stevens, Traverse	3,784	5.7	15,827	23.8	10,897
CHB - Dodge, Steele	3,959	7.0	16,458	29.1	10,190
CHB - Fillmore, Houston	2,340	5.9	9,960	25.1	6,283
CHB - Faribault, Martin	1,950	5.6	8,353	24.0	5,219
CHB - Isanti, Mille Lacs	4,167	6.5	17,472	27.3	11,500
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	2,955	6.2	12,487	26.2	7,812
CHB - Kanabec, Pine	2,471	5.5	10,843	24.0	6,985
CHB - Kandiyohi, Renville	3,661	6.3	14,842	25.7	9,641
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	4,899	6.6	19,870	26.6	12,553
CHB - LeSueur, Waseca	2,906	6.2	12,368	26.4	8,744
CHB - Meeker, McLeod, Sibley	4,740	6.4	20,007	27.0	12,455
CHB - Mahnomon, Norman, Polk	2,870	6.6	11,729	26.9	7,343
CHB - Morrison, Todd, Wadena	4,735	6.6	18,812	26.4	11,553

Source: US Census, www.census.gov

Children under 5 - for data by county subdivision go to:

[MDH Climate Change](#)

**Demographics Table 4: Number and percent of people 65 years and older, Minnesota  
By State and County, 2012**

State/County/CHB	Number	Percent
<b>State of Minnesota</b>	<b>729,767</b>	<b>13.6</b>
Aitkin	4,544	28.5
Anoka	36,411	10.8
Becker	6,029	18.3
Beltrami	6,201	13.7
Benton	4,971	12.8
Big Stone	1,310	25.4
Blue Earth	7,939	12.2
Brown	4,970	19.5
Carlton	5,495	15.5
Carver	8,685	9.3
Cass	6,441	22.7
Chippewa	2,393	19.7
Chisago	6,867	12.8
Clay	7,354	12.2
Clearwater	1,645	18.9
Cook	1,180	22.8
Cottonwood	2,570	22.2
Crow Wing	12,295	19.6
Dakota	44,990	11.1
Dodge	2,567	12.7
Douglas	7,547	20.7
Faribault	3,175	22.3
Fillmore	4,120	19.8
Freeborn	6,430	20.7
Goodhue	8,180	17.7
Grant	1,367	23.0
Hennepin	140,505	11.9
Houston	3,495	18.6
Hubbard	4,542	22.3
Isanti	5,134	13.4
Itasca	9,048	20.0
Jackson	2,042	19.9
Kanabec	2,839	17.7
Kandiyohi	7,116	16.8
Kittson	1,029	22.9
Koochiching	2,693	20.4
Lac Qui Parle	1,720	24.2
Lake	2,542	23.5
Lake of the Woods	835	21.0
Le Sueur	4,271	15.4
Lincoln	1,470	25.3
Lyon	3,598	14.1
McLeod	5,924	16.4

**Demographics Table 4: Number and percent of people 65 years and older, Minnesota  
By State and County, 2012**

State/County/CHB	Number	Percent
<b>State of Minnesota</b>	<b>729,767</b>	<b>13.6</b>
Mahnomen	926	16.7
Marshall	1,855	19.6
Martin	4,326	21.1
Meeker	4,004	17.4
Mille Lacs	4,346	16.9
Morrison	5,536	16.7
Mower	6,813	17.3
Murray	1,980	23.1
Nicollet	4,290	13.0
Nobles	3,445	16.0
Norman	1,442	21.7
Olmsted	19,570	13.3
Otter Tail	12,474	21.8
Pennington	2,246	16.0
Pine	5,123	17.5
Pipestone	1,880	20.1
Polk	5,256	16.7
Pope	2,430	22.3
Ramsey	64,628	12.4
Red Lake	736	18.0
Redwood	3,233	20.4
Renville	3,051	19.9
Rice	8,504	13.1
Rock	1,887	19.8
Roseau	2,304	14.9
St. Louis	32,914	16.4
Scott	11,442	8.5
Sherburne	8,234	9.2
Sibley	2,553	16.9
Stearns	19,309	12.7
Steele	5,485	15.1
Stevens	1,585	16.4
Swift	1,976	20.6
Todd	4,459	18.2
Traverse	903	26.2
Wabasha	3,810	17.7
Wadena	2,941	21.4
Waseca	2,944	15.3
Washington	28,616	11.7
Watsonwan	2,126	19.0
Wilkin	1,188	18.0
Winona	7,273	14.1
Wright	13,262	10.4
Yellow Medicine	1,983	19.5



**Demographics Table 4: Number and percent of people 65 years and older, Minnesota  
By State and County, 2012**

State/County/CHB	Number	Percent
<b>State of Minnesota</b>	<b>729,767</b>	<b>13.6</b>
CHB - Aitkin, Itasca, Koochiching	16,285	21.9
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	13,223	16.9
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	9,382	21.2
CHB - Brown, Nicollet	9,260	15.9
CHB - Carlton, Cook, Lake, St. Louis	42,131	16.7
CHB - Cottonwood, Jackson	4,612	21.1
CHB - Clay, Wilkin	8,542	12.8
CHB - Douglas, Grant, Pope, Stevens, Traverse	13,832	20.8
CHB - Dodge, Steele	8,052	14.2
CHB - Fillmore, Houston	7,615	19.2
CHB - Faribault, Martin	7,501	21.6
CHB - Isanti, Mille Lacs	9,480	14.8
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	8,170	17.2
CHB - Kanabec, Pine	7,962	17.6
CHB - Kandiyohi, Renville	10,167	17.6
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	14,048	18.8
CHB - LeSueur, Waseca	7,215	15.4
CHB - Meeker, McLeod, Sibley	12,481	16.8
CHB - Mahnomen, Norman, Polk	7,624	17.5
CHB - Morrison, Todd, Wadena	12,936	18.1

Source: US Census, [www.census.gov](http://www.census.gov)

For data by county subdivision go to:

[MDH Climate Change](#)

## Demographics Table 5: Population per Square Mile, Minnesota

### By State and County, 2012

updated 03/30/15

State/County/CHB	Population	Land Area in Square Miles	Population per Square Mile
<b>State of Minnesota</b>	<b>5,379,139</b>	<b>79,617</b>	<b>67.6</b>
Aitkin	15,927	1,819	8.8
Anoka	336,414	424	793.4
Becker	33,000	1,311	25.2
Beltrami	45,375	2,505	18.1
Benton	38,865	408	95.3
Big Stone	5,164	497	10.4
Blue Earth	65,091	752	86.6
Brown	25,425	611	41.6
Carlton	35,348	860	41.1
Carver	93,707	357	262.5
Cass	28,357	2,018	14.1
Chippewa	12,135	583	20.8
Chisago	53,452	418	127.9
Clay	60,155	1,045	57.6
Clearwater	8,703	995	8.7
Cook	5,185	1,451	3.6
Cottonwood	11,597	640	18.1
Crow Wing	62,882	997	63.1
Dakota	405,088	570	710.7
Dodge	20,231	440	46.0
Douglas	36,415	634	57.4
Faribault	14,263	714	20.0
Fillmore	20,834	861	24.2
Freeborn	31,054	708	43.9
Goodhue	46,336	759	61.0
Grant	5,944	547	10.9
Hennepin	1,184,576	557	2,126.7
Houston	18,837	558	33.8
Hubbard	20,347	923	22.0
Isanti	38,248	439	87.1
Itasca	45,221	2,665	17.0
Jackson	10,281	702	14.6
Kanabec	16,005	525	30.5
Kandiyohi	42,379	796	53.2
Kittson	4,493	1,097	4.1
Koochiching	13,208	3,102	4.3
Lac Qui Parle	7,109	765	9.3
Lake	10,818	2,099	5.2
Lake of the Woods	3,973	1,297	3.1
Le Sueur	27,677	449	61.6
Lincoln	5,818	537	10.8
Lyon	25,543	714	35.8
McLeod	36,053	492	73.3

## Demographics Table 5: Population per Square Mile, Minnesota

By State and County, 2012

updated 03/30/15

State/County/CHB	Population	Land Area in Square Miles	Population per Square Mile
<b>State of Minnesota</b>	<b>5,379,139</b>	<b>79,617</b>	<b>67.6</b>
Mahnomen	5,536	556	10.0
Marshall	9,449	1,772	5.3
Martin	20,475	709	28.9
Meeker	23,061	609	37.9
Mille Lacs	25,740	575	44.8
Morrison	33,052	1,125	29.4
Mower	39,372	712	55.3
Murray	8,577	705	12.2
Nicollet	32,929	452	72.9
Nobles	21,487	716	30.0
Norman	6,634	876	7.6
Olmsted	147,066	653	225.2
Otter Tail	57,288	1,980	28.9
Pennington	14,074	617	22.8
Pine	29,218	1,411	20.7
Pipestone	9,345	466	20.1
Polk	31,416	1,971	15.9
Pope	10,892	670	16.3
Ramsey	520,152	156	3,334.3
Red Lake	4,087	432	9.5
Redwood	15,847	880	18.0
Renville	15,369	983	15.6
Rice	64,854	498	130.2
Rock	9,553	483	19.8
Roseau	15,476	1,663	9.3
St. Louis	200,319	6,226	32.2
Scott	135,152	357	378.6
Sherburne	89,455	437	204.7
Sibley	15,123	589	25.7
Stearns	151,606	1,345	112.7
Steele	36,322	430	84.5
Stevens	9,663	562	17.2
Swift	9,594	744	12.9
Todd	24,509	942	26.0
Traverse	3,451	574	6.0
Wabasha	21,476	525	40.9
Wadena	13,767	536	25.7
Waseca	19,237	423	45.5
Washington	244,088	392	622.7
Watsonwan	11,187	435	25.7
Wilkin	6,585	752	8.8
Winona	51,629	626	82.5
Wright	127,336	661	192.6
Yellow Medicine	10,158	758	13.4

## Demographics Table 5: Population per Square Mile, Minnesota

### By State and County, 2012

updated 03/30/15

State/County/CHB	Population	Land Area in Square Miles	Population per Square Mile
<b>State of Minnesota</b>	<b>5,379,139</b>	<b>79,617</b>	<b>67.6</b>
CHB - Aitkin, Itasca, Koochiching	74,356	7,586	9.8
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	78,398	5,720	13.7
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	44,160	3,347	13.2
CHB - Brown, Nicollet	58,354	1,063	54.9
CHB - Carlton, Cook, Lake, St. Louis	251,670	10,636	23.7
CHB - Cottonwood, Jackson	21,878	1,342	16.3
CHB - Clay, Wilkin	66,740	1,797	37.1
CHB - Douglas, Grant, Pope, Stevens, Traverse	66,365	2,987	22.2
CHB - Dodge, Steele	56,553	870	65.0
CHB - Fillmore, Houston	39,671	1,419	28.0
CHB - Faribault, Martin	34,738	1,423	24.4
CHB - Isanti, Mille Lacs	63,988	1,014	63.1
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	47,579	5,581	8.5
CHB - Kanabec, Pine	45,223	1,936	23.4
CHB - Kandiyohi, Renville	57,748	2,905	19.9
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	74,683	872	85.6
CHB - LeSueur, Waseca	46,914	1,690	27.8
CHB - Meeker, McLeod, Sibley	74,237	1,432	51.8
CHB - Mahnomon, Norman, Polk	43,586	2,603	16.7
CHB - Morrison, Todd, Wadena	71,328	1,863	38.3

Source: US Census, [www.census.gov](http://www.census.gov)

**Demographics Table 6: Selected Minnesota Socioeconomic Statistics by State & County  
2008-2012 American Community Survey (Census)**

State/County/CHB	Percent of:				
	population aged 25 years and older with less than or equal to high school education or equivalent	people of all ages living at or below 200% of poverty	housing occupied by owner	children under 18 living in single parent headed households	housing units built before 1980
<b>State of Minnesota</b>	<b>35.2</b>	<b>26.7</b>	<b>76.5</b>	<b>25.3</b>	<b>59.3</b>
Aitkin	51.7	37.3	84.0	34.2	55.2
Anoka	36.6	20.2	83.5	22.5	45.3
Becker	43.2	32.9	82.6	29.2	57.1
Beltrami	37.3	42.7	72.3	38.3	50.4
Benton	43.7	31.7	77.0	27.3	49.0
Big Stone	52.6	35.3	82.9	23.1	77.2
Blue Earth	34.7	37.2	68.7	25.0	63.7
Brown	49.2	27.1	83.1	23.8	76.5
Carlton	42.4	29.7	82.2	26.1	59.7
Carver	26.9	14.4	85.1	15.5	32.4
Cass	45.7	39.4	82.0	30.5	51.3
Chippewa	46.5	27.7	77.0	25.9	81.6
Chisago	43.7	23.5	87.5	22.5	38.2
Clay	36.1	29.7	74.9	25.2	61.7
Clearwater	53.3	40.8	79.7	24.3	64.1
Cook	35.2	33.3	76.6	33.8	49.7
Cottonwood	51.7	34.6	84.3	18.9	83.8
Crow Wing	39.2	33.1	77.7	27.9	51.2
Dakota	27.8	18.0	80.0	22.3	39.9
Dodge	41.8	17.6	87.7	22.7	58.0
Douglas	38.6	27.5	81.0	18.2	54.7
Faribault	49.8	34.8	82.1	27.4	85.4
Fillmore	49.1	32.5	82.8	20.4	71.5
Freeborn	50.3	33.6	79.4	37.0	82.4
Goodhue	41.5	24.5	81.0	24.1	63.8
Grant	44.1	32.6	82.0	31.9	76.1
Hennepin	26.4	26.8	68.1	29.2	67.5
Houston	43.4	26.0	83.8	22.8	67.7
Hubbard	42.0	33.3	83.5	23.0	51.4
Isanti	47.3	23.9	85.0	22.2	46.1
Itasca	41.1	33.4	83.5	24.6	61.1
Jackson	45.4	29.4	78.4	22.8	82.7
Kanabec	53.2	37.4	84.3	23.7	52.9
Kandiyohi	41.7	31.5	77.6	31.5	61.1
Kittson	45.6	28.3	85.1	23.5	78.8
Koochiching	47.8	33.6	81.4	16.8	68.4
Lac Qui Parle	48.6	29.0	86.1	19.2	83.7
Lake	44.3	29.9	84.2	21.0	75.1
Lake of the Woods	49.6	39.6	89.5	20.8	49.0
Le Sueur	45.9	25.0	84.8	24.3	63.3
Lincoln	52.0	27.3	87.6	13.3	84.4
Lyon	43.2	32.2	71.9	25.2	71.6
McLeod	45.3	24.6	81.5	22.3	59.5

**Demographics Table 6: Selected Minnesota Socioeconomic Statistics by State & County  
2008-2012 American Community Survey (Census)**

State/County/CHB	Percent of:				
	population aged 25 years and older with less than or equal to high school education or equivalent	people of all ages living at or below 200% of poverty	housing occupied by owner	children under 18 living in single parent headed households	housing units built before 1980
Mahnomen	53.0	50.0	73.0	45.4	65.2
Marshall	50.5	26.4	86.2	20.4	76.7
Martin	49.5	31.8	79.8	26.5	80.9
Meeker	49.1	28.7	82.9	24.2	63.1
Mille Lacs	49.8	35.8	78.1	28.3	50.6
Morrison	51.6	33.7	83.7	23.3	60.0
Mower	46.6	35.0	74.7	29.7	79.6
Murray	50.1	30.6	84.5	23.6	77.8
Nicollet	33.5	24.9	78.8	22.0	59.6
Nobles	54.6	37.9	72.3	32.4	80.3
Norman	51.8	30.8	85.0	18.5	77.2
Olmsted	27.6	22.0	79.1	23.9	49.9
Otter Tail	42.9	32.7	82.5	21.3	62.3
Pennington	44.0	30.3	80.3	23.7	71.6
Pine	54.6	36.9	81.9	29.5	54.2
Pipestone	50.7	33.9	76.6	23.0	79.2
Polk	41.9	31.2	76.1	27.0	71.3
Pope	45.9	27.3	83.9	16.5	69.7
Ramsey	33.2	33.7	63.2	34.2	74.6
Red Lake	51.6	32.5	86.0	28.0	73.8
Redwood	51.5	35.2	79.6	22.7	81.1
Renville	51.3	30.2	81.8	23.6	79.4
Rice	42.1	25.3	78.8	24.0	56.2
Rock	49.1	30.5	80.2	22.9	77.6
Roseau	50.6	29.4	82.7	25.5	52.7
St. Louis	37.2	34.3	75.3	33.2	75.7
Scott	30.0	13.6	86.6	16.0	27.5
Sherburne	34.5	21.4	84.3	16.9	29.1
Sibley	53.2	31.0	81.1	23.8	74.9
Stearns	40.4	29.6	76.5	21.3	50.2
Steele	42.8	24.3	80.6	26.4	64.1
Stevens	40.3	30.0	74.1	16.9	74.3
Swift	52.5	29.8	80.3	20.6	77.3
Todd	51.4	38.2	86.3	20.8	67.7
Traverse	48.0	30.8	82.7	14.2	81.4
Wabasha	47.1	24.8	86.7	21.3	62.9
Wadena	48.4	44.1	79.0	28.7	63.9
Waseca	45.3	25.6	83.5	22.5	70.8
Washington	27.5	15.6	84.6	20.1	38.1
Watonwan	54.8	28.6	77.2	29.4	79.8
Wilkin	40.1	26.3	87.4	18.8	72.6
Winona	41.3	33.5	76.0	18.0	71.5
Wright	38.3	18.4	87.6	18.0	37.0
Yellow Medicine	48.9	28.7	80.1	21.9	85.9

**Demographics Table 6: Selected Minnesota Socioeconomic Statistics by State & County  
2008-2012 American Community Survey (Census)**

State/County/CHB	Percent of:				
	population aged 25 years and older with less than or equal to high school education or equivalent	people of all ages living at or below 200% of poverty	housing occupied by owner	children under 18 living in single parent headed households	housing units built before 1980
CHB - Aitkin, Itasca, Koochiching	44.7	34.3	83.2	25.0	60.4
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	41.3	39.8	77.0	32.3	52.1
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	49.4	29.5	80.6	22.5	81.3
CHB - Brown, Nicollet	40.8	25.8	80.7	22.8	67.5
CHB - Carlton, Cook, Lake, St. Louis	38.2	33.4	76.7	31.6	72.7
CHB - Cottonwood, Jackson	48.7	32.2	81.6	20.6	83.3
CHB - Clay, Wilkin	36.6	29.4	76.2	24.6	62.9
CHB - Douglas, Grant, Pope, Stevens, Traverse	41.1	28.5	80.7	18.8	63.1
CHB - Dodge, Steele	42.5	21.9	83.1	25.0	62.0
CHB - Fillmore, Houston	46.4	29.4	83.3	21.5	69.7
CHB - Faribault, Martin	49.6	33.0	80.7	26.9	82.8
CHB - Isanti, Mille Lacs	48.3	28.7	82.2	24.6	48.1
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	48.3	29.2	83.2	24.1	67.5
CHB - Kanabec, Pine	54.1	37.1	82.8	27.3	53.8
CHB - Kandiyohi, Renville	44.4	31.2	78.8	29.4	66.1
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	48.3	32.3	77.9	23.1	77.3
CHB - LeSueur, Waseca	45.7	25.3	84.3	23.6	66.2
CHB - Meeker, McLeod, Sibley	48.1	27.2	81.8	23.2	63.7
CHB - Mahnommen, Norman, Polk	44.8	33.5	77.1	28.2	71.5
CHB - Morrison, Todd, Wadena	50.9	37.2	83.7	23.4	63.5

Source: 2008-2012 American Community Survey (ACS), US Census [www.census.gov](http://www.census.gov)

ACS Series: Education - S1501, Poverty - S1701, Housing - B25008, Single Parent - B09002,

Housing Units - B25034

Education and Poverty - for data by county subdivision go to:

[MDH Climate Change](#)

**Demographics Table 7: MinnesotaCare Average Monthly Enrollment  
By State and County, 2012**

State/County/CHB	All Families and Children	Adults with No Kids	Total
<b>State of Minnesota</b>	<b>85,811</b>	<b>40,097</b>	<b>126,146</b>
Aitkin	523	318	847
Anoka	5,499	2,519	8,040
Becker	852	362	1,217
Beltrami	1,243	434	1,680
Benton	621	342	965
Big Stone	108	61	169
Blue Earth	729	434	1,165
Brown	287	159	446
Carlton	604	349	955
Carver	911	349	1,262
Cass	1,060	463	1,525
Chippewa	216	120	337
Chisago	1,129	481	1,613
Clay	679	320	1,000
Clearwater	288	144	432
Cook	144	72	216
Cottonwood	185	115	302
Crow Wing	2,049	915	2,968
Dakota	5,696	2,138	7,845
Dodge	268	133	400
Douglas	797	378	1,178
Faribault	188	136	325
Fillmore	473	159	633
Freeborn	543	304	849
Goodhue	527	278	805
Grant	209	74	283
Hennepin	14,392	7,443	21,874
Houston	259	132	392
Hubbard	734	340	1,077
Isanti	967	402	1,371
Itasca	1,064	555	1,622
Jackson	147	69	217
Kanabec	480	207	689
Kandiyohi	762	377	1,141
Kittson	184	53	237
Koochiching	304	189	494
Lac Qui Parle	102	63	165
Lake	266	135	402
Lake of the Woods	138	101	240
Le Sueur	388	144	533
Lincoln	91	48	139
Lyon	296	178	476
McLeod	577	263	845



**Demographics Table 7: MinnesotaCare Average Monthly Enrollment  
By State and County, 2012**

State/County/CHB	All Families and Children	Adults with No Kids	Total
<b>State of Minnesota</b>	<b>85,811</b>	<b>40,097</b>	<b>126,146</b>
Mahnomen	91	41	133
Marshall	193	76	270
Martin	317	200	520
Meeker	432	197	630
Mille Lacs	833	371	1,204
Morrison	930	358	1,288
Mower	494	327	823
Murray	153	57	211
Nicollet	287	185	473
Nobles	233	99	333
Norman	191	76	267
Olmsted	1,402	874	2,280
Otter Tail	1,582	551	2,141
Pennington	241	153	394
Pine	709	367	1,077
Pipestone	140	74	214
Polk	657	290	948
Pope	283	144	427
Ramsey	8,466	4,302	12,786
Red Lake	89	46	135
Redwood	354	128	483
Renville	245	122	369
Rice	824	349	1,175
Rock	182	60	242
Roseau	243	103	349
St. Louis	3,234	2,206	5,452
Scott	2,035	580	2,618
Sherburne	1,828	501	2,331
Sibley	283	130	414
Stearns	2,237	1,079	3,320
Steele	387	215	604
Stevens	135	67	202
Swift	169	104	272
Todd	816	286	1,103
Traverse	82	46	127
Wabasha	370	124	495
Wadena	412	162	575
Waseca	267	137	405
Washington	3,144	1,109	4,265
Watonwan	158	54	211
Wilkin	89	43	132
Winona	563	373	938
Wright	2,439	756	3,199
Yellow Medicine	223	76	299

**Demographics Table 7: MinnesotaCare Average Monthly Enrollment  
By State and County, 2012**

<b>State/County/CHB</b>	<b>All Families and Children</b>	<b>Adults with No Kids</b>	<b>Total</b>
<b>State of Minnesota</b>	<b>85,811</b>	<b>40,097</b>	<b>126,146</b>
CHB - Aitkin, Itasca, Koochiching	1,891	1,062	2,963
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	2,403	1,019	3,429
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	818	424	1,242
CHB - Brown, Nicollet	574	344	919
CHB - Carlton, Cook, Lake, St. Louis	4,248	2,762	7,025
CHB - Cottonwood, Jackson	332	184	519
CHB - Clay, Wilkin	768	363	1,132
CHB - Douglas, Grant, Pope, Stevens, Traverse	1,506	709	2,217
CHB - Dodge, Steele	655	348	1,004
CHB - Fillmore, Houston	732	291	1,025
CHB - Faribault, Martin	505	336	845
CHB - Isanti, Mille Lacs	1,800	773	2,575
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	950	431	1,385
CHB - Kanabec, Pine	1,189	574	1,766
CHB - Kandiyohi, Renville	1,007	499	1,510
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	1,216	545	1,765
CHB - LeSueur, Waseca	655	281	938
CHB - Meeker, McLeod, Sibley	1,292	590	1,889
CHB - Mahnomon, Norman, Polk	939	407	1,348
CHB - Morrison, Todd, Wadena	2,158	806	2,966

Source: Minnesota Department of Human Services

**Demographics Table 8 Minnesota Medical Assistance, Avg Monthly Enrollment  
By State and County, 2012**

State/County/CHB	All Families and Children	Adults with No Kids	Elderly	Disabled	Total
<b>State of Minnesota</b>	<b>469,465</b>	<b>82,976</b>	<b>57,283</b>	<b>123,254</b>	<b>732,977</b>
Aitkin	1,739	333	316	440	2,829
Anoka	27,259	4,345	1,998	6,110	39,712
Becker	4,297	687	558	914	6,456
Beltrami	7,889	1,269	635	1,496	11,289
Benton	3,520	681	435	916	5,553
Big Stone	429	48	133	153	763
Blue Earth	4,791	849	621	1,395	7,655
Brown	1,788	207	356	540	2,890
Carlton	3,121	687	515	831	5,154
Carver	3,406	436	457	971	5,270
Cass	4,163	657	422	809	6,052
Chippewa	1,170	127	231	280	1,807
Chisago	3,232	554	351	793	4,930
Clay	5,641	728	646	1,567	8,583
Clearwater	1,106	170	226	258	1,760
Cook	297	55	50	91	493
Cottonwood	1,295	158	212	321	1,986
Crow Wing	6,245	975	770	1,514	9,503
Dakota	24,071	3,309	2,374	6,599	36,354
Dodge	1,712	148	185	264	2,309
Douglas	2,806	464	491	764	4,526
Faribault	1,546	188	249	371	2,354
Fillmore	1,599	230	378	334	2,541
Freeborn	3,149	412	419	729	4,709
Goodhue	2,868	420	512	853	4,653
Grant	532	89	89	131	841
Hennepin	108,238	27,481	13,693	31,653	181,065
Houston	1,278	191	219	329	2,016
Hubbard	2,180	351	283	513	3,326
Isanti	3,625	542	280	612	5,058
Itasca	4,929	964	715	1,344	7,951
Jackson	883	75	142	199	1,299
Kanabec	1,931	334	213	416	2,894
Kandiyohi	5,468	587	518	969	7,541
Kittson	311	44	108	86	549
Koochiching	1,303	216	252	430	2,202
Lac Qui Parle	561	71	177	213	1,021
Lake	719	106	112	250	1,187
Lake of the Woods	351	50	58	106	564
Le Sueur	2,059	221	275	485	3,039
Lincoln	401	46	125	116	688
Lyon	2,493	309	336	616	3,753
McLeod	2,809	302	378	667	4,155

**Demographics Table 8 Minnesota Medical Assistance, Avg Monthly Enrollment  
By State and County, 2012**

State/County/CHB	All Families and Children	Adults with No Kids	Elderly	Disabled	Total
<b>State of Minnesota</b>	<b>469,465</b>	<b>82,976</b>	<b>57,283</b>	<b>123,254</b>	<b>732,977</b>
Mahnomen	1,444	251	159	218	2,073
Marshall	609	80	183	165	1,037
Martin	2,020	289	336	592	3,237
Meeker	1,827	267	318	467	2,879
Mille Lacs	2,807	409	336	661	4,211
Morrison	2,987	464	518	797	4,766
Mower	4,862	556	614	1,085	7,117
Murray	625	72	135	160	991
Nicollet	2,589	299	245	539	3,671
Nobles	2,938	219	305	447	3,908
Norman	837	75	158	192	1,261
Olmsted	11,915	1,813	1,429	2,768	17,925
Otter Tail	4,623	650	940	1,277	7,490
Pennington	1,345	171	226	314	2,055
Pine	3,336	568	404	703	5,010
Pipestone	1,015	108	184	207	1,515
Polk	3,498	472	617	943	5,530
Pope	854	189	211	218	1,472
Ramsey	70,032	11,469	6,673	18,619	106,793
Red Lake	409	42	78	69	597
Redwood	1,362	134	192	334	2,021
Renville	1,645	183	174	366	2,368
Rice	4,819	588	550	1,018	6,975
Rock	714	64	120	182	1,080
Roseau	984	117	213	257	1,571
St. Louis	17,815	4,598	2,825	6,932	32,170
Scott	6,500	759	690	1,484	9,432
Sherburne	6,046	668	409	1,127	8,250
Sibley	1,174	105	210	266	1,755
Stearns	12,413	1,977	1,293	3,082	18,765
Steele	3,867	428	387	775	5,457
Stevens	523	84	138	155	899
Swift	935	114	226	281	1,556
Todd	2,143	343	511	667	3,662
Traverse	330	35	107	77	550
Wabasha	1,336	185	260	355	2,135
Wadena	1,669	214	283	551	2,717
Waseca	1,738	257	201	404	2,600
Washington	10,547	1,584	1,114	2,761	16,006
Watonwan	1,196	88	164	249	1,696
Wilkin	657	97	132	181	1,067
Winona	3,119	730	556	1,117	5,521
Wright	7,268	962	778	1,535	10,543
Yellow Medicine	799	89	174	213	1,275

**Demographics Table 8 Minnesota Medical Assistance, Avg Monthly Enrollment  
By State and County, 2012**

<b>State/County/CHB</b>	<b>All Families and Children</b>	<b>Adults with No Kids</b>	<b>Elderly</b>	<b>Disabled</b>	<b>Total</b>
<b>State of Minnesota</b>	<b>469,465</b>	<b>82,976</b>	<b>57,283</b>	<b>123,254</b>	<b>732,977</b>
CHB - Aitkin, Itasca, Koochiching	7,971	1,513	1,283	2,214	12,982
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	11,526	1,840	1,202	2,373	16,939
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	3,894	449	941	1,140	6,422
CHB - Brown, Nicollet	4,377	506	601	1,079	6,561
CHB - Carlton, Cook, Lake, St. Louis	21,952	5,446	3,502	8,104	39,004
CHB - Cottonwood, Jackson	2,178	233	354	520	3,285
CHB - Clay, Wilkin	6,298	825	778	1,748	9,650
CHB - Douglas, Grant, Pope, Stevens, Traverse	5,045	861	1,036	1,345	8,288
CHB - Dodge, Steele	5,579	576	572	1,039	7,766
CHB - Fillmore, Houston	2,877	421	597	663	4,557
CHB - Faribault, Martin	3,566	477	585	963	5,591
CHB - Isanti, Mille Lacs	6,432	951	616	1,273	9,269
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	3,658	454	808	891	5,809
CHB - Kanabec, Pine	5,267	902	617	1,119	7,904
CHB - Kandiyohi, Renville	7,113	770	692	1,335	9,909
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	6,610	733	1,092	1,615	10,048
CHB - LeSueur, Waseca	3,797	478	476	889	5,639
CHB - Meeker, McLeod, Sibley	5,810	674	906	1,400	8,789
CHB - Mahnomon, Norman, Polk	5,779	798	934	1,353	8,864
CHB - Morrison, Todd, Wadena	6,799	1,021	1,312	2,015	11,145

Source: Minnesota Department of Human Services

**Demographics Table 9: Pre-Kindergarten to 12th Grade Enrollment  
by Race/Ethnicity,  
2012-13 School Year, October 1, 2012**

State/County/CHB	White	African American	American Indian	Asian	Hispanic	Total
<b>State of Minnesota</b>	<b>616,793</b>	<b>89,772</b>	<b>19,352</b>	<b>57,843</b>	<b>61,417</b>	<b>845,177</b>
Aitkin	1,822	31	113	9	20	1,995
Anoka	47,508	7,184	1,019	3,918	3,596	63,225
Becker	3,910	54	536	41	76	4,617
Beltrami	4,892	132	2,729	59	101	7,913
Benton	5,332	183	44	95	102	5,756
Big Stone	830	2	7	7	12	858
Blue Earth	8,783	850	45	255	399	10,332
Brown	3,047	25	6	33	360	3,471
Carlton	5,483	66	616	64	55	6,284
Carver	14,286	423	65	544	1,000	16,318
Cass	2,714	44	1,298	31	31	4,118
Chippewa	1,842	27	25	19	217	2,130
Chisago	7,241	84	64	117	112	7,618
Clay	8,097	295	290	110	515	9,307
Clearwater	1,081	22	324	11	18	1,456
Cook	464	8	117	5	12	606
Cottonwood	1,776	46	22	224	243	2,311
Crow Wing	9,152	163	149	77	69	9,610
Dakota	53,334	7,524	618	4,874	6,872	73,222
Dodge	3,662	44	18	31	300	4,055
Douglas	5,131	94	41	52	73	5,391
Faribault	1,618	21	11	11	201	1,862
Fillmore	2,381	21	0	16	17	2,435
Freeborn	3,281	124	9	81	616	4,111
Goodhue	5,966	206	153	128	305	6,758
Grant	1,011	15	7	7	20	1,060
Hennepin	86,980	38,994	2,879	15,873	16,683	161,409
Houston	4,503	221	51	73	74	4,922
Hubbard	2,076	49	145	18	55	2,343
Isanti	5,837	116	71	110	113	6,247
Itasca	5,599	92	847	52	60	6,650
Jackson	1,409	22	3	38	82	1,554
Kanabec	2,207	37	25	14	55	2,338
Kandiyohi	3,686	472	49	55	1,358	5,620
Kittson	655	5	2	7	20	689
Koochiching	1,705	33	120	7	11	1,876
Lac Qui Parle	1,182	23	8	49	50	1,312
Lake	1,353	10	12	8	17	1,400
Lake of the Woods	448	10	16	5	5	484
Le Sueur	3,766	47	22	30	432	4,297
Lincoln	930	10	2	5	21	968
Lyon	3,496	203	16	230	414	4,359
McLeod	4,745	65	15	57	451	5,333

**Demographics Table 9: Pre-Kindergarten to 12th Grade Enrollment  
by Race/Ethnicity,  
2012-13 School Year, October 1, 2012**

State/County/CHB	White	African American	American Indian	Asian	Hispanic	Total
<b>State of Minnesota</b>	<b>616,793</b>	<b>89,772</b>	<b>19,352</b>	<b>57,843</b>	<b>61,417</b>	<b>845,177</b>
Mahnomen	334	2	977	6	9	1,328
Marshall	1,201	21	6	8	94	1,330
Martin	2,847	48	8	27	165	3,095
Meeker	3,204	32	14	17	151	3,418
Mille Lacs	5,786	68	355	59	76	6,344
Morrison	5,036	48	50	39	95	5,268
Mower	4,264	396	15	192	1,158	6,025
Murray	973	13	7	12	33	1,038
Nicollet	2,062	144	6	39	213	2,464
Nobles	1,808	170	19	357	1,393	3,747
Norman	953	21	40	5	75	1,094
Olmsted	16,821	2,516	118	1,902	1,506	22,863
Otter Tail	6,761	237	79	80	387	7,544
Pennington	1,871	58	65	33	127	2,154
Pine	3,432	65	261	50	76	3,884
Pipestone	1,307	32	25	20	109	1,493
Polk	4,334	80	124	28	477	5,043
Pope	1,190	23	9	11	22	1,255
Ramsey	37,423	18,501	1,288	20,580	9,111	86,903
Red Lake	668	14	40	6	27	755
Redwood	1,651	28	313	19	87	2,098
Renville	1,452	11	10	13	320	1,806
Rice	6,584	555	32	177	1,299	8,647
Rock	1,465	14	14	17	51	1,561
Roseau	2,685	28	102	107	19	2,941
St. Louis	21,730	1,199	1,403	385	383	25,100
Scott	18,771	924	276	1,561	1,317	22,849
Sherburne	17,316	459	183	381	528	18,867
Sibley	1,723	22	13	29	416	2,203
Stearns	19,276	2,327	186	598	1,162	23,549
Steele	5,243	403	19	95	738	6,498
Stevens	1,334	26	21	21	78	1,480
Swift	1,385	20	4	6	88	1,503
Todd	2,894	38	27	34	378	3,371
Traverse	427	7	38	1	20	493
Wabasha	4,096	76	16	43	154	4,385
Wadena	2,755	43	23	15	23	2,859
Waseca	3,252	71	13	25	205	3,566
Washington	32,556	2,130	242	2,672	1,711	39,311
Watonwan	1,062	22	6	19	687	1,796
Wilkin	1,001	15	21	2	44	1,083
Winona	4,778	224	36	182	262	5,482
Wright	24,623	522	102	497	774	26,518
Yellow Medicine	1,238	22	137	23	126	1,546

**Demographics Table 9: Pre-Kindergarten to 12th Grade Enrollment  
by Race/Ethnicity,  
2012-13 School Year, October 1, 2012**

State/County/CHB	White	African American	American Indian	Asian	Hispanic	Total
<b>State of Minnesota</b>	<b>616,793</b>	<b>89,772</b>	<b>19,352</b>	<b>57,843</b>	<b>61,417</b>	<b>845,177</b>
CHB - Aitkin, Itasca, Koochiching	9,126	156	1,080	68	91	10,521
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	8,497	213	3,214	93	179	12,196
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	6,477	94	181	104	493	7,349
CHB - Brown, Nicollet	5,109	169	12	72	573	5,935
CHB - Carlton, Cook, Lake, St. Louis	29,030	1,283	2,148	462	467	33,390
CHB - Cottonwood, Jackson	3,185	68	25	262	325	3,865
CHB - Clay, Wilkin	9,098	310	311	112	559	10,390
CHB - Douglas, Grant, Pope, Stevens, Traverse	9,093	165	116	92	213	9,679
CHB - Dodge, Steele	8,905	447	37	126	1,038	10,553
CHB - Fillmore, Houston	6,884	242	51	89	91	7,357
CHB - Faribault, Martin	4,465	69	19	38	366	4,957
CHB - Isanti, Mille Lacs	11,623	184	426	169	189	12,591
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	7,080	126	215	161	287	7,869
CHB - Kanabec, Pine	5,639	102	286	64	131	6,222
CHB - Kandiyohi, Renville	5,138	483	59	68	1,678	7,426
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	9,822	300	377	303	715	11,517
CHB - LeSueur, Waseca	7,018	118	35	55	637	7,863
CHB - Meeker, McLeod, Sibley	9,672	119	42	103	1,018	10,954
CHB - Mahnomen, Norman, Polk	5,621	103	1,141	39	561	7,465
CHB - Morrison, Todd, Wadena	10,685	129	100	88	496	11,498

Source: Minnesota Department of Education - [www.education.state.mn.us/mde/Data/index.html](http://www.education.state.mn.us/mde/Data/index.html)

**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.



**Demographics Table 10: 2012 Child Subjects of Maltreatment Reports  
per 1,000 in the Child Population (0-17 years old)**

Note: Investigation is a unique count of children in Family Investigations or Facility Investigations

State/County/CHB	Child Pop. Age 0-17	Total		Family Assessment		Investigation - Alleged		Investigation - Determined	
		Unique Child	Rate per 1000	Unique Child	Rate per 1000	Unique Child	Rate per 1000	Unique Child	Rate per 1000
<b>Minnesota</b>	<b>1,276,148</b>	<b>23,406</b>	<b>18.3</b>	<b>16,857</b>	<b>13.2</b>	<b>7,246</b>	<b>5.7</b>	<b>4,288</b>	<b>3.4</b>
Aitkin	2,772	85	30.7	64	23.1	29	10.5	17	6.1
Anoka	84,229	995	11.8	700	8.3	314	3.7	173	2.1
Becker	8,029	206	25.7	72	9.0	138	17.2	94	11.7
Beltrami	11,537	228	19.8	132	11.4	100	8.7	62	5.4
Benton	9,490	148	15.6	90	9.5	64	6.7	48	5.1
Big Stone	1,073	35	32.6	16	14.9	19	17.7	9	8.4
Blue Earth	12,564	278	22.1	229	18.2	55	4.4	36	2.9
Brown	5,481	157	28.6	127	23.2	35	6.4	23	4.2
Carlton	8,148	221	27.1	176	21.6	67	8.2	32	3.9
Carver	26,943	335	12.4	237	8.8	106	3.9	69	2.6
Cass	5,992	152	25.4	129	21.5	23	3.8	10	1.7
Chippewa	2,763	34	12.3	27	9.8	7	2.5	6	2.2
Chisago	12,927	130	10.1	107	8.3	24	1.9	13	1.0
Clay	13,814	292	21.1	221	16.0	78	5.6	63	4.6
Clearwater	2,113	124	58.7	106	50.2	38	18.0	24	11.4
Cook	862	20	23.2	20	23.2	0	0.0	0	0.0
Cottonwood	2,708	48	17.7	43	15.9	5	1.8	3	1.1
Crow Wing	14,186	239	16.8	209	14.7	34	2.4	24	1.7
Dakota	103,033	1,548	15.0	1,019	9.9	565	5.5	230	2.2
Dodge	5,702	95	16.7	87	15.3	14	2.5	7	1.2
Douglas	7,710	203	26.3	123	16.0	86	11.2	46	6.0
Faribault (includes Martin County)	7,595	272	35.8	154	20.3	125	16.5	66	8.7
Fillmore	4,884	58	11.9	56	11.5	2	0.4	2	0.4
Freeborn	6,761	101	14.9	82	12.1	21	3.1	15	2.2
Goodhue	10,755	84	7.8	47	4.4	39	3.6	33	3.1
Grant	1,262	52	41.2	48	38.0	9	7.1	9	7.1
Hennepin	266,530	5,623	21.1	3,868	14.5	1,951	7.3	1,236	4.6
Houston	4,152	42	10.1	39	9.4	7	1.7	0	0.0
Hubbard	4,295	121	28.2	117	27.2	4	0.9	2	0.5
Isanti	9,584	174	18.2	142	14.8	35	3.7	28	2.9
Itasca	9,698	213	22.0	148	15.3	67	6.9	52	5.4
Jackson	2,293	48	20.9	34	14.8	17	7.4	10	4.4
Kanabec	3,610	105	29.1	98	27.1	14	3.9	7	1.9
Kandiyohi	9,983	304	30.5	174	17.4	138	13.8	58	5.8
Kittson	968	13	13.4	10	10.3	3	3.1	0	0.0
Koochiching	2,686	90	33.5	72	26.8	21	7.8	9	3.4
LacquiParle	1,509	23	15.2	20	13.3	7	4.6	7	4.6
Lake	2,027	65	32.1	53	26.1	13	6.4	12	5.9

**Demographics Table 10: 2012 Child Subjects of Maltreatment Reports  
per 1,000 in the Child Population (0-17 years old)**

Note: Investigation is a unique count of children in Family Investigations or Facility Investigations

State/County/CHB	Child Pop. Age 0-17	Total		Family Assessment		Investigation - Alleged		Investigation - Determined	
		Unique Child	Rate per 1000	Unique Child	Rate per 1000	Unique Child	Rate per 1000	Unique Child	Rate per 1000
<b>Minnesota</b>	<b>1,276,148</b>	<b>23,406</b>	<b>18.3</b>	<b>16,857</b>	<b>13.2</b>	<b>7,246</b>	<b>5.7</b>	<b>4,288</b>	<b>3.4</b>
Lake of the Woods	752	14	18.6	14	18.6	0	0.0	0	0.0
Le Sueur	6,866	88	12.8	61	8.9	27	3.9	17	2.5
Lincoln (SWHHS - Includes Lyon, Murray and Rock Counties)	11,770	177	15.0	165	14.0	14	1.2	7	0.6
Lyon (see Lincoln)									
McLeod	8,931	202	22.6	138	15.5	66	7.4	33	3.7
Mahnomen	1,661	11	6.6	10	6.0	1	0.6	0	0.0
Marshall	2,176	53	24.4	47	21.6	8	3.7	7	3.2
Martin (see Faribault)									
Meeker	5,698	33	5.8	20	3.5	13	2.3	9	1.6
MilleLacs	6,410	213	33.2	137	21.4	82	12.8	71	11.1
Morrison	7,904	120	15.2	79	10.0	41	5.2	33	4.2
Mower	9,951	174	17.5	150	15.1	29	2.9	18	1.8
Murray (see Lincoln)									
Nicollet	7,232	128	17.7	97	13.4	36	5.0	29	4.0
Nobles	5,602	69	12.3	60	10.7	10	1.8	8	1.4
Norman	1,550	54	34.8	36	23.2	18	11.6	10	6.5
Olmsted	36,681	573	15.6	529	14.4	48	1.3	14	0.4
Otter Tail	12,100	302	25.0	208	17.2	108	8.9	36	3.0
Pennington	3,313	24	7.2	18	5.4	9	2.7	7	2.1
Pine	6,251	207	33.1	131	21.0	87	13.9	34	5.4
Pipestone	2,285	19	8.3	14	6.1	5	2.2	3	1.3
Polk	7,331	240	32.7	207	28.2	44	6.0	18	2.5
Pope	2,283	69	30.2	52	22.8	18	7.9	11	4.8
Ramsey	121,219	1,793	14.8	1,110	9.2	715	5.9	527	4.3
Red Lake	986	4	4.1	4	4.1	0	0.0	0	0.0
Redwood	3,845	123	32.0	92	23.9	38	9.9	22	5.7
Renville	3,467	71	20.5	61	17.6	10	2.9	7	2.0
Rice	14,670	253	17.2	213	14.5	51	3.5	42	2.9
Rock (see Lincoln)									
Roseau	3,930	46	11.7	37	9.4	9	2.3	5	1.3
St. Louis	38,712	1,554	40.1	1,098	28.4	529	13.7	270	7.0
Scott	39,575	469	11.9	385	9.7	91	2.3	46	1.2
Sherburne	25,160	244	9.7	181	7.2	68	2.7	50	2.0
Sibley	3,728	72	19.3	61	16.4	13	3.5	4	1.1
Stearns	34,485	493	14.3	356	10.3	159	4.6	90	2.6

**Demographics Table 10: 2012 Child Subjects of Maltreatment Reports  
per 1,000 in the Child Population (0-17 years old)**

Note: Investigation is a unique count of children in Family Investigations or Facility Investigations

State/County/CHB	Child Pop. Age 0-17	Total		Family Assessment		Investigation - Alleged		Investigation - Determined	
		Unique Child	Rate per 1000	Unique Child	Rate per 1000	Unique Child	Rate per 1000	Unique Child	Rate per 1000
<b>Minnesota</b>	<b>1,276,148</b>	<b>23,406</b>	<b>18.3</b>	<b>16,857</b>	<b>13.2</b>	<b>7,246</b>	<b>5.7</b>	<b>4,288</b>	<b>3.4</b>
Steele	9,414	133	14.1	108	11.5	29	3.1	19	2.0
Stevens	2,035	51	25.1	46	22.6	6	2.9	4	2.0
Swift	2,098	88	41.9	66	31.5	32	15.3	18	8.6
Todd	5,913	122	20.6	98	16.6	26	4.4	14	2.4
Traverse	731	35	47.9	35	47.9	2	2.7	2	2.7
Wabasha	4,974	77	15.5	69	13.9	9	1.8	4	0.8
Wadena	3,256	163	50.1	132	40.5	38	11.7	15	4.6
Waseca	4,493	59	13.1	28	6.2	31	6.9	23	5.1
Washington	62,552	591	9.4	377	6.0	223	3.6	109	1.7
Watonwan	2,793	57	20.4	44	15.8	13	4.7	5	1.8
Wilkin	1,591	26	16.3	21	13.2	5	3.1	3	1.9
Winona	9,552	299	31.3	256	26.8	57	6.0	20	2.1
Wright	37,201	430	11.6	331	8.9	109	2.9	71	1.9
Yellow Medicine	2,353	66	28.0	58	24.6	8	3.4	2	0.8
Leech Lake Band	1,975	185	93.7	162	82.0	23	11.6	7	3.5
White Earth Band	1,981	171	86.3	159	80.3	14	7.1	9	4.5
CHB - Aitkin, Itasca, Koochiching	15,156	388	25.6	284	18.7	117	7.7	78	5.1
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	18,697	487	26.0	369	19.7	142	7.6	88	4.7
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	9,796	246	25.1	187	19.1	73	7.5	42	4.3
CHB - Brown, Nicollet	12,713	285	22.4	224	17.6	71	5.6	52	4.1
CHB - Carlton, Cook, Lake, St. Louis	49,749	1,860	37.4	1,347	27.1	609	12.2	314	6.3
CHB - Cottonwood, Jackson	5,001	96	19.2	77	15.4	22	4.4	13	2.6
CHB - Clay, Wilkin	15,405	318	20.6	242	15.7	83	5.4	66	4.3
CHB - Douglas, Grant, Pope, Stevens, Traverse	14,021	410	29.2	304	21.7	121	8.6	72	5.1
CHB - Dodge, Steele	15,116	228	15.1	195	12.9	43	2.8	26	1.7

**Demographics Table 10: 2012 Child Subjects of Maltreatment Reports per 1,000 in the Child Population (0-17 years old)**

Note: Investigation is a unique count of children in Family Investigations or Facility Investigations

State/County/CHB	Child Pop. Age 0-17	Total		Family Assessment		Investigation - Alleged		Investigation - Determined	
		Unique Child	Rate per 1000	Unique Child	Rate per 1000	Unique Child	Rate per 1000	Unique Child	Rate per 1000
<b>Minnesota</b>	<b>1,276,148</b>	<b>23,406</b>	<b>18.3</b>	<b>16,857</b>	<b>13.2</b>	<b>7,246</b>	<b>5.7</b>	<b>4,288</b>	<b>3.4</b>
CHB - Fillmore, Houston	9,036	100	11.1	95	10.5	9	1.0	2	0.2
CHB - Faribault, Martin	7,595	272	35.8	154	20.3	125	16.5	66	8.7
CHB - Isanti, Mille Lacs	15,994	387	24.2	279	17.4	117	7.3	99	6.2
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	11,373	140	12.3	116	10.2	29	2.5	19	1.7
CHB - Kanabec, Pine	9,861	312	31.6	229	23.2	101	10.2	41	4.2
CHB - Kandiyohi, Renville	13,450	375	27.9	235	17.5	148	11.0	65	4.8
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	17,900	319	17.8	271	15.1	57	3.2	32	1.8
CHB - LeSueur, Waseca	11,359	147	12.9	89	7.8	58	5.1	40	3.5
CHB - Meeker, McLeod, Sibley	18,357	307	16.7	219	11.9	92	5.0	46	2.5
CHB - Mahnomen, Norman, Polk	10,542	305	28.9	253	24.0	63	6.0	28	2.7
CHB - Morrison, Todd, Wadena	17,073	405	23.7	309	18.1	105	6.2	62	3.6

\*These numbers represent the 2010 U.S. Census for children residing on the Leech Lake and White Earth reservations and who indicated "American Indian" alone or as one of two or more races. The Leech Lake reservation has land in Cass, Itasca,

Beltrami and Hubbard counties. The White Earth reservation overlaps Mahnomen, Becker and Clearwater counties.

Source: Minnesota Department of Human Services  
Children and Family Services  
2012 Minnesota's Child Welfare Report

Reports on MN DHS website  
[www.dhs.state.mn.us](http://www.dhs.state.mn.us)

under Publications, Children  
Child protection statistical reports

PDF Link:

<https://edocs.dhs.state.mn.us/lfserver/Public/DHS-5408E-ENG>

**Demographics Table 11: Children in Out-of-home Care per per 1,000 in the Child Population (0-17 years old), 2012**

State/County/CHB	Child Population Age 0-17	Unique Children	Children per 1,000
<b>Minnesota</b>	<b>1,276,148</b>	<b>11,453</b>	<b>9.0</b>
Aitkin	2,772	45	16.2
Anoka	84,229	440	5.2
Becker	8,029	171	21.3
Beltrami	11,537	469	40.7
Benton	9,490	81	8.5
Big Stone	1,073	16	14.9
Blue Earth	12,564	141	11.2
Brown	5,481	28	5.1
Carlton	8,148	145	17.8
Carver	26,943	128	4.8
Cass	5,992	68	11.3
Chippewa	2,763	8	2.9
Chisago	12,927	56	4.3
Clay	13,814	193	14.0
Clearwater	2,113	21	9.9
Cook	862	19	22.0
Cottonwood	2,708	34	12.6
Crow Wing	14,186	227	16.0
Dakota	103,033	329	3.2
Dodge	5,702	35	6.1
Douglas	7,710	55	7.1
Faribault (includes Martin County)	7,595	116	15.3
Fillmore	4,884	19	3.9
Freeborn	6,761	77	11.4
Goodhue	10,755	52	4.8
Grant	1,262	19	15.1
Hennepin	266,530	2,398	9.0
Houston	4,152	27	6.5
Hubbard	4,295	63	14.7
Isanti	9,584	67	7.0
Itasca	9,698	158	16.3
Jackson	2,293	41	17.9
Kanabec	3,610	31	8.6
Kandiyohi	9,983	114	11.4
Kittson	968	20	20.7
Koochiching	2,686	48	17.9
LacquiParle	1,509	13	8.6
Lake	2,027	21	10.4
Lake of the Woods	752	0	0.0
Le Sueur	6,866	20	2.9
Lincoln (SWHHS - includes Lyon, Murray and Rock Counties)	11,770	193	16.4
Lyon (see Lincoln)			
McLeod	8,931	64	7.2
Mahnomen	1,661	12	7.2
Marshall	2,176	14	6.4
Martin (see Faribault)			

**Demographics Table 11: Children in Out-of-home Care per per 1,000 in the Child Population (0-17 years old), 2012**

State/County/CHB	Child Population Age 0-17	Unique Children	Children per 1,000
<b>Minnesota</b>	<b>1,276,148</b>	<b>11,453</b>	<b>9.0</b>
Meeker	5,698	56	9.8
MilleLacs	6,410	62	9.7
Morrison	7,904	66	8.4
Mower	9,951	109	11.0
Murray (see Lincoln)			
Nicollet	7,232	58	8.0
Nobles	5,602	61	10.9
Norman	1,550	16	10.3
Olmsted	36,681	194	5.3
Otter Tail	12,100	80	6.6
Pennington	3,313	45	13.6
Pine	6,251	92	14.7
Pipestone	2,285	30	13.1
Polk	7,331	95	13.0
Pope	2,283	29	12.7
Ramsey	121,219	1,644	13.6
Red Lake	986	5	5.1
Redwood	3,845	65	16.9
Renville	3,467	27	7.8
Rice	14,670	84	5.7
Rock			
Roseau	3,930	19	4.8
St. Louis	38,712	760	19.6
Scott	39,575	107	2.7
Sherburne	25,160	72	2.9
Sibley	3,728	13	3.5
Stearns	34,485	290	8.4
Steele	9,414	56	5.9
Stevens	2,035	8	3.9
Swift	2,098	37	17.6
Todd	5,913	54	9.1
Traverse	731	7	9.6
Wabasha	4,974	42	8.4
Wadena	3,256	40	12.3
Waseca	4,493	39	8.7
Washington	62,552	184	2.9
Watsonwan	2,793	24	8.6
Wilkin	1,591	7	4.4
Winona	9,552	79	8.3
Wright	37,201	157	4.2
Yellow Medicine	2,353	27	11.5
Leech Lake Band	1,975	134	67.8
White Earth Band	1,981	183	92.4

**Demographics Table 11: Children in Out-of-home Care per per 1,000 in the Child Population (0-17 years old), 2012**

State/County/CHB	Child Population Age 0-17	Unique Children	Children per 1,000
<b>Minnesota</b>	<b>1,276,148</b>	<b>11,453</b>	<b>9.0</b>
CHB - Aitkin, Itasca, Koochiching	15,156	251	16.6
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	18,697	553	29.6
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	9,796	101	10.3
CHB - Brown, Nicollet	12,713	86	6.8
CHB - Carlton, Cook, Lake, St. Louis	49,749	945	19.0
CHB - Cottonwood, Jackson	5,001	75	15.0
CHB - Clay, Wilkin	15,405	200	13.0
CHB - Douglas, Grant, Pope, Stevens, Traverse	14,021	118	8.4
CHB - Dodge, Steele	15,116	91	6.0
CHB - Fillmore, Houston	9,036	46	5.1
CHB - Faribault, Martin	7,595	116	15.3
CHB - Isanti, Mille Lacs	15,994	129	8.1
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	11,373	103	9.1
CHB - Kanabec, Pine	9,861	123	12.5
CHB - Kandiyohi, Renville	13,450	141	10.5
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	17,900	288	16.1
CHB - LeSueur, Waseca	11,359	59	5.2
CHB - Meeker, McLeod, Sibley	18,357	133	7.2
CHB - Mahnommen, Norman, Polk	10,542	123	11.7
CHB - Morrison, Todd, Wadena	17,073	160	9.4

\*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.

Source: Minnesota Department of Human Services  
Children and Family Services  
2012 Minnesota's Child Welfare Report

Reports on MN DHS website

[www.dhs.state.mn.us](http://www.dhs.state.mn.us)

under Publications, Children

Child protection statistical reports

PDF Link:

<https://edocs.dhs.state.mn.us/lfserver/Public/DHS-5408E-ENG>

## Section B: Natality

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**Nativity Table 1: Selected Minnesota Natality Statistics  
By State, County and Community Health Board (CHB), 2012**

State/County/CHB	Number of Births	Fertility Rate	Birth Rate	Number of Deaths	Death Rate	Natural Rate of Increase
<b>State of Minnesota</b>	<b>68,783</b>	<b>65.7</b>	<b>12.8</b>	<b>40,020</b>	<b>7.4</b>	<b>5.4</b>
Aitkin	121	63.8	7.6	192	12.1	-4.5
Anoka	4,035	61.4	12.0	1,758	5.2	6.8
Becker	445	85.1	13.5	336	10.2	3.3
Beltrami	725	81.6	16.0	410	9.0	7.0
Benton	581	73.3	14.9	324	8.3	6.6
Big Stone	62	91.0	12.0	69	13.4	-1.4
Blue Earth	740	47.4	11.4	463	7.1	4.3
Brown	253	60.8	10.0	291	11.4	-1.4
Carlton	363	62.9	10.3	367	10.4	-0.1
Carver	1,145	63.4	12.2	431	4.6	7.6
Cass	342	85.6	12.1	288	10.2	1.9
Chippewa	160	81.4	13.2	148	12.2	1.0
Chisago	576	61.1	10.8	342	6.4	4.4
Clay	807	58.1	13.4	467	7.8	5.6
Clearwater	97	72.8	11.1	115	13.2	-2.1
Cook	41	55.8	7.9	41	7.9	0.0
Cottonwood	162	91.9	14.0	127	11.0	3.0
Crow Wing	720	70.7	11.5	631	10.0	1.5
Dakota	5,264	65.8	13.0	2,215	5.5	7.5
Dodge	234	62.4	11.6	146	7.2	4.4
Douglas	402	68.1	11.0	408	11.2	-0.2
Faribault	141	67.0	9.9	199	14.0	-4.1
Fillmore	236	71.6	11.3	223	10.7	0.6
Freeborn	366	75.4	11.8	339	10.9	0.9
Goodhue	511	66.7	11.0	474	10.2	0.8
Grant	58	65.8	9.8	72	12.1	-2.3
Hennepin	16,345	64.9	13.8	7,899	6.7	7.1
Houston	195	65.3	10.4	158	8.4	2.0
Hubbard	203	70.4	10.0	193	9.5	0.5
Isanti	434	61.2	11.3	313	8.2	3.1
Itasca	476	69.2	10.5	523	11.6	-1.1
Jackson	122	76.3	11.9	99	9.6	2.3
Kanabec	134	51.6	8.4	135	8.4	0.0
Kandiyohi	548	75.1	12.9	398	9.4	3.5
Kittson	45	74.6	10.0	71	15.8	-5.8
Koochiching	88	44.9	6.7	146	11.1	-4.4
Lac Qui Parle	66	69.2	9.3	95	13.4	-4.1
Lake	102	65.9	9.4	132	12.2	-2.8
Lake of the Woods	29	54.0	7.3	42	10.6	-3.3
Le Sueur	285	59.5	10.3	213	7.7	2.6
Lincoln	62	73.9	10.7	76	13.1	-2.4
Lyon	347	69.3	13.6	202	7.9	5.7
McLeod	423	66.9	11.7	304	8.4	3.3
Mahnomen	89	97.4	16.1	61	11.0	5.1
Marshall	107	74.2	11.3	73	7.7	3.6
Martin	214	68.7	10.5	233	11.4	-0.9
Meeker	266	73.6	11.5	225	9.8	1.7
Mille Lacs	363	82.4	14.1	278	10.8	3.3

**Nativity Table 1: Selected Minnesota Natality Statistics  
By State, County and Community Health Board (CHB), 2012**

State/County/CHB	Number of Births	Fertility Rate	Birth Rate	Number of Deaths	Death Rate	Natural Rate of Increase
<b>State of Minnesota</b>	<b>68,783</b>	<b>65.7</b>	<b>12.8</b>	<b>40,020</b>	<b>7.4</b>	<b>5.4</b>
Morrison	377	67.4	11.4	386	11.7	-0.3
Mower	494	73.2	12.5	382	9.7	2.8
Murray	96	75.8	11.2	119	13.9	-2.7
Nicollet	365	51.7	11.1	211	6.4	4.7
Nobles	336	92.4	15.6	193	9.0	6.6
Norman	75	75.7	11.3	98	14.8	-3.5
Olmsted	2,080	71.9	14.1	934	6.4	7.7
Otter Tail	641	77.1	11.2	679	11.9	-0.7
Pennington	186	72.1	13.2	149	10.6	2.6
Pine	272	62.0	9.3	267	9.1	0.2
Pipestone	115	78.1	12.3	116	12.4	-0.1
Polk	427	78.5	13.6	347	11.0	2.6
Pope	135	83.2	12.4	132	12.1	0.3
Ramsey	7,769	69.2	14.9	3,840	7.4	7.5
Red Lake	67	108.4	16.4	45	11.0	5.4
Redwood	174	71.2	11.0	200	12.6	-1.6
Renville	191	81.4	12.4	213	13.9	-1.5
Rice	744	57.0	11.5	479	7.4	4.1
Rock	119	78.0	12.5	122	12.8	-0.3
Roseau	175	68.1	11.3	120	7.8	3.5
St. Louis	2,084	56.6	10.4	2,157	10.8	-0.4
Scott	2,005	71.6	14.8	545	4.0	10.8
Sherburne	1,182	66.2	13.2	448	5.0	8.2
Sibley	181	71.9	12.0	150	9.9	2.1
Stearns	1,864	58.2	12.3	961	6.3	6.0
Steele	451	70.0	12.4	296	8.1	4.3
Stevens	107	53.0	11.1	82	8.5	2.6
Swift	101	69.1	10.5	95	9.9	0.6
Todd	333	87.2	13.6	197	8.0	5.6
Traverse	24	51.0	7.0	59	17.1	-10.1
Wabasha	230	66.0	10.7	166	7.7	3.0
Wadena	165	77.1	12.0	185	13.4	-1.4
Waseca	224	56.6	11.6	166	8.6	3.0
Washington	2,793	60.9	11.4	1,342	5.5	5.9
Watonwan	152	82.5	13.6	121	10.8	2.8
Wilkin	71	66.4	10.8	87	13.2	-2.4
Winona	469	38.7	9.1	388	7.5	1.6
Wright	1,831	73.2	14.4	669	5.3	9.1
Yellow Medicine	145	93.6	14.3	119	11.7	2.6

**Nativity Table 1: Selected Minnesota Natality Statistics  
By State, County and Community Health Board (CHB), 2012**

State/County/CHB	Number of Births	Fertility Rate	Birth Rate	Number of Deaths	Death Rate	Natural Rate of Increase
<b>State of Minnesota</b>	<b>68,783</b>	<b>65.7</b>	<b>12.8</b>	<b>40,020</b>	<b>7.4</b>	<b>5.4</b>
CHB - Aitkin, Itasca, Koochiching	685	63.8	9.2	861	11.6	-2.4
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	1,054	77.3	13.4	760	9.7	3.7
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	534	80.8	12.1	526	11.9	0.2
CHB - Brown, Nicollet	618	55.1	10.6	502	8.6	2.0
CHB - Carlton, Cook, Lake, St. Louis	2,590	57.7	10.3	2,697	10.7	-0.4
CHB - Cottonwood, Jackson	284	84.5	13.0	226	10.3	2.7
CHB - Clay, Wilkin	878	58.7	13.2	554	8.3	4.9
CHB - Douglas, Grant, Pope, Stevens, Traverse	726	66.6	10.9	753	11.3	-0.4
CHB - Dodge, Steele	685	67.2	12.1	442	7.8	4.3
CHB - Fillmore, Houston	431	68.6	10.9	381	9.6	1.3
CHB - Faribault, Martin	355	68.0	10.2	432	12.4	-2.2
CHB - Isanti, Mille Lacs	797	69.3	12.5	591	9.2	3.3
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	580	74.2	12.2	458	9.6	2.6
CHB - Kanabec, Pine	406	58.1	9.0	402	8.9	0.1
CHB - Kandiyohi, Renville	739	76.7	12.8	611	10.6	2.2
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	913	72.7	12.2	835	11.2	1.0
CHB - LeSueur, Waseca	509	58.2	10.8	379	8.1	2.7
CHB - Meeker, McLeod, Sibley	870	69.9	11.7	679	9.1	2.6
CHB - Mahnomen, Norman, Polk	591	80.5	13.6	506	11.6	2.0
CHB - Morrison, Todd, Wadena	875	75.7	12.3	768	10.8	1.5

**Source:** Minnesota Department of Health, Center for Health Statistics and the US Census.

**Fertility Rate:** The number of live births per 1,000 women in the population of age 15 - 44 years.

**Birth Rate:** The number of live births per 1,000 population.

**Death Rate:** The number of deaths per 1,000 population

**Natural Rate of Increase:** The difference in the birth rate and death rate.

**Nativity Table 2: Prematurity and Low Birth Weight of Singleton Births in Minnesota  
By State, County and Community Health Board (CHB), 2012**

State/County/CHB	Number Preterm Births	Percent Preterm Births	Number Low Birth Weight	Percent Low Birth Weight	Percent Very Low Birth Weight 2010-2012	Percent Small for Gestational Age
<b>State of Minnesota</b>	<b>5,287</b>	<b>8.4</b>	<b>3,297</b>	<b>5.0</b>	<b>1.1</b>	<b>4.1</b>
Aitkin	14	12.5	12	10.3	0.8	4.3
Anoka	319	8.5	201	5.2	1.2	4.1
Becker	29	8.1	18	4.2	0.3	5.4
Beltrami	74	11.7	43	6.1	1.2	3.4
Benton	59	10.6	23	4.1	0.7	2.4
Big Stone	4	7.0	4	7.0	1.1	1.6
Blue Earth	60	8.6	36	5.0	1.5	2.9
Brown	19	7.8	10	4.0	0.4	2.8
Carlton	31	9.2	13	3.7	0.5	3.5
Carver	89	8.5	39	3.6	1.0	3.3
Cass	29	9.8	19	5.8	1.1	1.9
Chippewa	11	7.5	2	1.3	0.6	5.4
Chisago	43	8.4	27	4.9	1.3	3.0
Clay	39	7.0	40	5.2	1.5	3.2
Clearwater	10	12.3	6	6.3	2.2	2.4
Cook	3	7.7	4	10.3	0.0	4.9
Cottonwood	16	11.0	3	2.0	0.9	5.8
Crow Wing	47	7.0	20	2.9	0.7	3.0
Dakota	384	7.8	245	4.8	1.1	3.9
Dodge	25	11.2	13	5.7	0.8	5.7
Douglas	25	6.6	19	5.0	1.6	4.3
Faribault	14	10.2	7	5.0	1.4	1.5
Fillmore	8	3.6	7	3.0	0.5	2.2
Freeborn	37	10.8	17	4.7	1.0	3.5
Goodhue	38	8.0	24	4.8	0.8	3.7
Grant	3	5.6	3	5.4	1.1	1.8
Hennepin	1,303	8.6	852	5.4	1.3	4.8
Houston	9	5.5	9	4.9	1.3	2.9
Hubbard	14	8.1	13	6.5	1.1	2.9
Isanti	41	9.9	20	4.7	1.1	3.1
Itasca	30	7.1	18	4.0	1.2	3.2
Jackson	10	9.2	7	6.3	0.0	4.2
Kanabec	9	6.9	4	3.0	0.2	2.3
Kandiyohi	39	7.3	21	3.9	0.7	4.3
Kittson	3	8.1	2	4.7	0.0	5.1
Koochiching	7	11.1	3	3.6	1.5	3.0
Lac Qui Parle	1	1.7	1	1.7	1.4	4.6
Lake	9	9.5	5	5.2	1.5	1.0
Lake of the Woods	0	0.0	1	3.4	0.0	0.0
Le Sueur	17	6.1	9	3.2	0.5	3.2
Lincoln	5	8.3	2	3.3	0.0	1.6
Lyon	24	7.3	13	3.9	0.6	4.2
McLeod	29	7.2	20	4.8	1.1	3.2
Mahnomen	9	14.8	5	6.1	0.9	10.6
Marshall	8	8.4	6	5.7	1.0	2.1
Martin	19	10.7	16	7.5	0.8	4.5
Meeker	21	8.4	9	3.5	0.6	5.0
Mille Lacs	38	11.3	28	7.8	0.7	4.2
Morrison	26	7.1	16	4.4	0.9	4.3
Mower	39	8.6	26	5.6	1.6	3.2

**Nativity Table 2: Prematurity and Low Birth Weight of Singleton Births in Minnesota  
By State, County and Community Health Board (CHB), 2012**

State/County/CHB	Number Preterm Births	Percent Preterm Births	Number Low Birth Weight	Percent Low Birth Weight	Percent Very Low Birth Weight 2010-2012	Percent Small for Gestational Age
Murray	11	13.1	4	4.3	1.5	5.7
Nicollet	19	5.5	10	2.8	0.9	1.7
Nobles	26	8.7	11	3.4	0.9	4.2
Norman	5	8.9	2	2.9	0.0	5.0
Olmsted	155	8.0	106	5.3	1.1	4.6
Otter Tail	32	5.5	32	5.2	0.7	4.7
Pennington	15	9.0	12	6.5	0.9	3.0
Pine	35	14.6	15	5.7	0.8	3.6
Pipestone	9	8.6	1	0.9	1.4	4.6
Polk	29	7.7	22	5.3	1.3	2.6
Pope	9	7.3	7	5.3	1.0	1.6
Ramsey	609	8.7	433	5.8	1.4	5.5
Red Lake	5	8.1	1	1.5	0.6	3.2
Redwood	19	11.4	10	5.7	0.0	3.6
Renville	18	10.3	13	7.1	2.1	5.1
Rice	68	9.8	45	6.2	1.6	3.2
Rock	14	12.5	9	7.8	0.0	4.3
Roseau	9	5.6	8	4.7	0.5	1.8
St. Louis	171	8.6	106	5.2	1.1	3.5
Scott	127	6.8	78	4.1	1.0	2.8
Sherburne	84	7.8	51	4.6	1.3	2.4
Sibley	10	5.9	4	2.2	1.3	2.4
Stearns	175	9.9	98	5.5	0.9	3.6
Steele	39	9.2	20	4.6	0.8	3.7
Stevens	9	8.4	2	1.9	0.3	0.9
Swift	3	3.1	0	0.0	0.6	0.0
Todd	24	7.8	12	3.7	0.2	2.9
Traverse	1	4.2	2	8.3	1.1	0.0
Wabasha	19	9.0	10	4.5	1.1	3.7
Wadena	19	12.8	10	6.3	0.8	3.3
Waseca	14	6.7	9	4.2	1.1	4.6
Washington	177	6.9	98	3.7	0.7	3.5
Watsonwan	12	8.5	4	2.7	0.7	3.5
Wilkin	5	8.3	3	4.6	0.0	4.5
Winona	21	5.0	16	3.5	0.9	3.0
Wright	140	8.4	68	3.9	1.1	2.9
Yellow Medicine	9	7.1	4	3.0	0.3	3.7
CHB - Aitkin, Itasca, Koochiching	51	8.5	33	5.0	1.2	3.4
CHB - Beltrami,	98	10.8	63	6.1	1.3	3.1
CHB - Big Stone,	28	5.8	11	2.2	0.7	3.3
CHB - Brown, Nicollet	38	6.5	20	3.3	0.7	2.1
CHB - Carlton, Cook, Lake, St. Louis	214	8.7	128	5.1	1.0	3.4

**Nativity Table 3: Minnesota Number of Infant Deaths\*\* by State and County,  
By State, County and Community Health Board (CHB), 1992-2011 (Birth Year)**

State/County/CHB	Birth Year			
	1992-1996	1997-2001	2002-2006	2007-2011
<b>State of Minnesota</b>	<b>2,186</b>	<b>1,888</b>	<b>1,747</b>	<b>1,785</b>
Aitkin	6	4	3	1
Anoka	131	109	98	100
Becker	7	15	9	16
Beltrami	31	23	23	35
Benton	8	16	23	11
Big Stone	2	1	1	2
Blue Earth	28	16	9	18
Brown	9	5	6	5
Carlton	12	12	7	12
Carver	26	28	13	28
Cass	11	12	12	13
Chippewa	6	6	0	4
Chisago	11	14	17	19
Clay	20	26	23	24
Clearwater	4	4	4	2
Cook	1	4	0	2
Cottonwood	5	5	3	3
Crow Wing	28	17	22	14
Dakota	122	116	138	88
Dodge	3	10	9	6
Douglas	8	4	13	10
Faribault	9	5	3	3
Fillmore	5	11	8	3
Freeborn	14	12	10	10
Goodhue	24	15	13	13
Grant	1	0	0	1
Hennepin	647	481	421	437
Houston	7	8	5	6
Hubbard	5	5	6	5
Isanti	11	9	13	8
Itasca	17	12	20	9
Jackson	1	1	3	2
Kanabec	6	7	3	2
Kandiyohi	26	9	9	15
Kittson	3	2	0	0
Koochiching	2	10	3	1
Lac Qui Parle	2	1	4	2
Lake	2	5	5	3
Lake of the Woods	0	1	2	2
Le Sueur	9	4	5	4
Lincoln	1	1	1	0
Lyon	8	11	10	13
McLeod	13	20	10	6
Mahnomen	6	4	2	7
Marshall	1	5	4	4
Martin	4	6	5	4
Meeker	4	5	7	7
Mille Lacs	2	8	11	13
Morrison	12	13	14	13

**Nativity Table 3: Minnesota Number of Infant Deaths\*\* by State and County,  
By State, County and Community Health Board (CHB), 1992-2011 (Birth Year)**

State/County/CHB	Birth Year			
	1992-1996	1997-2001	2002-2006	2007-2011
Mower	17	15	8	16
Murray	3	1	5	0
Nicollet	15	5	11	14
Nobles	6	6	11	8
Norman	3	1	1	0
Olmsted	52	48	50	77
Otter Tail	18	17	11	7
Pennington	9	6	2	5
Pine	13	7	9	16
Pipestone	3	5	1	3
Polk	11	9	13	10
Pope	0	4	0	6
Ramsey	285	283	217	243
Red Lake	1	1	3	0
Redwood	2	5	2	3
Renville	14	2	4	3
Rice	16	21	12	13
Rock	6	5	1	1
Roseau	7	9	6	4
St. Louis	78	61	55	47
Scott	40	22	35	46
Sherburne	25	20	29	33
Sibley	5	3	1	3
Stearns	51	46	54	44
Steele	16	14	10	8
Stevens	5	2	5	2
Swift	1	2	4	2
Todd	9	8	7	10
Traverse	0	2	0	2
Wabasha	10	11	4	7
Wadena	10	1	8	4
Waseca	6	4	6	7
Washington	63	69	58	69
Watonwan	6	3	9	7
Wilkin	2	5	4	0
Winona	14	17	18	13
Wright	34	28	41	44
Yellow Medicine	8	2	2	2
CHB - Aitkin, Itasca, Koochiching	25	26	26	11
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	40	33	35	44
CHB - Big Stone, Chippewa, Lac qui	19	12	11	12
CHB - Brown, Nicollet	24	10	17	19
CHB - Carlton, Cook, Lake, St. Louis	93	82	67	64
CHB - Cottonwood, Jackson	6	6	6	5
CHB - Clay, Wilkin	22	31	27	24
CHB - Douglas, Grant, Pope, Stevens, Traverse	14	12	18	21
CHB - Dodge, Steele	19	24	19	14
CHB - Fillmore, Houston	12	19	13	9
CHB - Faribault, Martin	13	11	8	7

**Natality Table 3: Minnesota Number of Infant Deaths\*\* by State and County,  
By State, County and Community Health Board (CHB), 1992-2011 (Birth Year)**

State/County/CHB	Birth Year			
	1992-1996	1997-2001	2002-2006	2007-2011
CHB - Isanti, Mille Lacs	13	17	24	21
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	21	23	15	13
CHB - Kanabec, Pine	19	14	12	18
CHB - Kandiyohi, Renville	40	11	13	18
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	23	28	20	20
CHB - LeSueur, Waseca	15	8	11	11
CHB - Meeker, McLeod, Sibley	22	28	18	16
CHB - Mahnomen, Norman, Polk	20	14	16	17
CHB - Morrison, Todd, Wadena	31	22	29	27

**Source:** Minnesota Department of Health, Center for Health Statistics



**Nativity Table 4: Prenatal Care in Minnesota  
By State, County and Community Health Board (CHB), 2012**

State/County/CHB	Percent of Prenatal Care Received in 1st Trimester	Percent Adequacy of Prenatal Care, GINDEX		
		Adequate or Better	Intermediate	Inadequate or None
<b>State of Minnesota</b>	<b>83.9</b>	<b>78.2</b>	<b>17.9</b>	<b>3.9</b>
Aitkin	88.3	79.8	16.7	3.5
Anoka	86.1	81.1	16.1	2.8
Becker	76.3	67.8	25.0	7.2
Beltrami	74.5	68.1	21.2	10.7
Benton	88.1	83.9	13.1	3.0
Big Stone	85.4	75.0	22.9	2.1
Blue Earth	87.0	79.8	17.6	2.5
Brown	93.7	86.1	12.7	1.2
Carlton	85.7	77.5	19.0	3.5
Carver	88.6	83.7	14.7	1.7
Cass	75.1	65.7	24.2	10.1
Chippewa	86.7	79.7	17.6	2.7
Chisago	87.3	83.4	14.2	2.4
Clay	61.8	51.6	32.3	16.1
Clearwater	75.9	70.5	20.5	9.0
Cook	83.8	67.6	24.3	8.1
Cottonwood	79.9	77.6	18.7	3.7
Crow Wing	84.1	79.4	16.6	4.0
Dakota	84.8	80.2	16.6	3.2
Dodge	83.4	75.6	20.4	4.0
Douglas	91.5	84.6	14.4	1.0
Faribault	88.6	81.3	16.4	2.2
Fillmore	76.1	64.5	21.0	14.5
Freeborn	91.3	92.3	6.5	1.2
Goodhue	88.0	81.0	16.1	2.9
Grant	87.9	91.1	7.1	1.8
Hennepin	83.5	78.7	16.9	4.4
Houston	86.9	80.4	17.4	2.2
Hubbard	77.7	63.1	24.4	12.5
Isanti	85.6	85.1	12.8	2.1
Itasca	78.7	66.4	27.4	6.2
Jackson	91.8	90.3	8.6	1.1
Kanabec	85.8	82.4	16.8	0.8
Kandiyohi	82.8	70.7	25.6	3.7
Kittson	85.7	88.2	11.8	0.0
Koochiching	79.5	79.7	17.2	3.1
Lac Qui Parle	87.0	75.9	24.1	0.0
Lake	85.1	81.2	17.8	1.0
Lake of the Woods	65.5	66.7	25.9	7.4
Le Sueur	88.3	80.0	18.2	1.8
Lincoln	100.0	93.8	6.3	0.0
Lyon	89.9	72.8	25.5	1.7
McLeod	87.3	84.5	13.8	1.8
Mahnomen	53.4	39.7	32.8	27.6
Marshall	88.0	72.3	25.5	2.1
Martin	90.0	82.7	16.1	1.2
Meeker	83.7	81.0	17.4	1.6
Mille Lacs	77.9	75.0	17.6	7.4
Morrison	89.3	84.1	13.7	2.2
Mower	72.1	65.6	29.6	4.8

**Nativity Table 4: Prenatal Care in Minnesota  
By State, County and Community Health Board (CHB), 2012**

State/County/CHB	Percent of Prenatal Care Received in 1st Trimester	Percent Adequacy of Prenatal Care, GINDEX		
		Adequate or Better	Intermediate	Inadequate or None
Murray	84.9	84.8	13.6	1.5
Nicollet	86.7	82.3	17.1	0.6
Nobles	77.1	80.2	15.9	3.9
Norman	90.0	70.0	30.0	0.0
Olmsted	87.0	73.5	22.9	3.6
Otter Tail	84.9	81.1	14.9	3.9
Pennington	93.9	88.6	9.4	2.0
Pine	85.4	77.3	19.4	3.2
Pipestone	78.9	79.2	13.9	6.9
Polk	71.9	55.8	34.0	10.3
Pope	85.7	80.5	18.7	0.8
Ramsey	75.7	68.3	25.6	6.1
Red Lake	85.2	84.6	13.5	1.9
Redwood	84.5	75.0	21.9	3.1
Renville	85.3	74.0	21.5	4.5
Rice	79.7	77.3	18.7	4.0
Rock	75.5	80.0	12.0	8.0
Roseau	83.0	79.6	17.8	2.6
St. Louis	87.7	81.4	15.7	2.9
Scott	87.6	83.7	13.9	2.4
Sherburne	87.9	82.4	16.1	1.5
Sibley	84.0	80.2	15.7	4.1
Stearns	88.2	84.6	13.2	2.3
Steele	89.1	80.5	16.2	3.3
Stevens	88.7	86.8	11.3	1.9
Swift	88.8	78.1	20.8	1.0
Todd	78.0	71.8	17.5	10.7
Traverse	69.2	69.2	30.8	0.0
Wabasha	88.5	81.5	14.8	3.7
Wadena	87.5	72.0	21.3	6.7
Waseca	85.2	81.1	15.2	3.7
Washington	87.3	82.9	14.2	2.9
Watonwan	84.2	71.5	25.7	2.8
Wilkin	90.7	90.5	7.1	2.4
Winona	87.8	83.6	12.9	3.5
Wright	88.8	83.0	14.6	2.4
Yellow Medicine	83.2	78.2	16.1	5.6
CHB - Aitkin, Itasca, Koochiching	80.5	70.3	24.4	5.4
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	75.0	67.4	21.9	10.8
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	86.1	78.1	19.1	2.8
CHB - Brown, Nicollet	89.6	83.9	15.3	0.8
CHB - Carlton, Cook, Lake, St. Louis	87.3	80.7	16.3	3.0

**Nativity Table 5: Cesarean Births in Minnesota  
By State, County and Community Health Board (CHB), 2012**

<b>State/County/CHB</b>	<b>Cesarean Births - Percent</b>	<b>First Time Cesarean Births - Percent</b>	<b>Repeat Cesarean - Percent</b>
<b>State of Minnesota</b>	<b>27.0</b>	<b>17.3</b>	<b>9.6</b>
Aitkin	29.8	18.2	11.6
Anoka	26.9	18.3	8.6
Becker	27.6	16.0	11.7
Beltrami	34.8	16.1	18.6
Benton	24.8	13.4	11.4
Big Stone	25.8	14.5	11.3
Blue Earth	26.7	15.7	11.0
Brown	38.3	22.1	16.2
Carlton	30.6	20.9	9.6
Carver	28.7	18.1	10.7
Cass	23.1	10.8	12.3
Chippewa	29.4	17.5	11.9
Chisago	28.7	16.3	12.3
Clay	25.9	15.9	10.0
Clearwater	35.1	18.6	16.5
Cook	26.8	17.1	9.8
Cottonwood	27.2	19.1	8.0
Crow Wing	23.2	14.4	8.8
Dakota	28.6	20.7	8.0
Dodge	26.5	13.7	12.8
Douglas	23.6	14.4	9.2
Faribault	34.0	22.7	11.3
Fillmore	21.4	11.1	10.3
Freeborn	36.6	20.8	15.8
Goodhue	29.7	15.9	13.9
Grant	17.2	10.3	6.9
Hennepin	25.1	17.1	8.1
Houston	25.1	19.5	5.6
Hubbard	31.0	14.8	16.3
Isanti	27.6	17.3	10.4
Itasca	28.8	21.2	7.6
Jackson	36.9	27.0	9.8
Kanabec	34.3	23.9	10.4
Kandiyohi	23.9	15.3	8.6
Kittson	37.8	17.8	20.0
Koochiching	43.2	35.2	8.0
Lac Qui Parle	30.3	16.7	13.6
Lake	28.4	16.7	11.8
Lake of the Woods	37.9	13.8	24.1
Le Sueur	29.5	20.4	9.1
Lincoln	27.4	17.7	9.7
Lyon	28.8	27.1	1.7
McLeod	29.8	19.4	10.4
Mahnomen	28.1	9.0	19.1
Marshall	28.0	15.9	12.1
Martin	24.3	17.3	7.0
Meeker	27.1	18.4	8.6
Mille Lacs	26.2	16.5	9.6
Morrison	27.6	14.6	13.0
Mower	34.2	19.2	15.0

**Nativity Table 5: Cesarean Births in Minnesota  
By State, County and Community Health Board (CHB), 2012**

<b>State/County/CHB</b>	<b>Cesarean Births - Percent</b>	<b>First Time Cesarean Births - Percent</b>	<b>Repeat Cesarean - Percent</b>
<b>State of Minnesota</b>	<b>27.0</b>	<b>17.3</b>	<b>9.6</b>
Murray	34.4	25.0	9.4
Nicollet	28.2	17.3	11.0
Nobles	28.3	18.8	9.5
Norman	30.7	18.7	12.0
Olmsted	23.8	13.9	9.9
Otter Tail	24.6	14.8	9.8
Pennington	30.6	17.2	13.4
Pine	33.1	20.6	12.5
Pipestone	29.6	20.0	9.6
Polk	29.0	15.7	13.3
Pope	28.1	14.1	14.1
Ramsey	22.9	14.3	8.6
Red Lake	34.3	20.9	13.4
Redwood	20.7	12.6	8.0
Renville	32.5	19.4	13.1
Rice	27.3	17.9	9.4
Rock	36.1	18.5	17.6
Roseau	40.0	16.6	23.4
St. Louis	31.3	20.4	10.9
Scott	28.6	19.1	9.5
Sherburne	31.6	21.8	9.8
Sibley	29.8	15.5	14.4
Stearns	27.6	16.0	11.6
Steele	34.4	19.5	14.9
Stevens	17.8	8.4	9.3
Swift	30.7	16.8	13.9
Todd	19.6	10.5	9.0
Traverse	29.2	12.5	16.7
Wabasha	24.3	16.1	8.3
Wadena	24.2	11.5	12.7
Waseca	26.8	17.4	9.4
Washington	28.2	17.4	10.9
Watonwan	29.6	18.4	11.2
Wilkin	29.6	18.3	11.3
Winona	22.0	14.5	7.5
Wright	31.0	20.4	10.6
Yellow Medicine	37.9	30.3	7.6
CHB - Aitkin, Itasca,	30.8	22.5	8.3
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	34.2	16.0	18.1
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	31.6	20.4	11.2
CHB - Brown, Nicollet	32.4	19.3	13.1
CHB - Carlton, Cook, Lake, St. Louis	31.0	20.3	10.7
CHB - Cottonwood, Jackson	31.3	22.5	8.8

**Nativity Table 6:  
By State, County and Community Health Board (CHB), 2012**

State/County/CHB	Number Pregnancies	Rate Pregnancies	Number Abortions	Rate Abortions	Percent of Women with 4 or More Births	Percent of Women with Live Births w/in 1 Year
<b>State of Minnesota</b>	<b>78,903</b>	<b>75.4</b>	<b>9,755</b>	<b>9.3</b>	<b>5.7</b>	<b>1.5</b>
Aitkin	137	72.2	15	**	6.1	2.5
Anoka	4,665	71.0	614	9.3	4.6	0.9
Becker	452	86.4	*	*	10.4	0.0
Beltrami	778	87.6	48	5.4	6.9	1.5
Benton	627	79.1	44	5.6	4.9	2.1
Big Stone	63	92.5	*	*	6.9	1.6
Blue Earth	875	56.0	134	8.6	4.5	1.4
Brown	271	65.1	16	**	5.4	1.6
Carlton	407	70.5	42	7.3	3.4	0.8
Carver	1,235	68.4	86	4.8	3.6	1.0
Cass	374	93.6	27	6.8	8.6	1.8
Chippewa	174	88.5	13	**	1.9	0.6
Chisago	626	66.4	50	5.3	3.1	1.6
Clay	822	59.2	15	**	6.6	1.1
Clearwater	100	75.1	*	*	12.8	1.0
Cook	48	65.3	7	**	2.5	2.4
Cottonwood	171	97.0	7	**	7.3	3.1
Crow Wing	783	76.9	59	5.8	5.9	1.1
Dakota	6,003	75.0	722	9.0	3.3	1.4
Dodge	249	66.4	15	**	5.4	1.3
Douglas	421	71.3	17	**	2.3	1.7
Faribault	148	70.3	6	**	2.9	1.4
Fillmore	248	75.2	12	**	11.3	2.1
Freeborn	401	82.6	33	6.8	7.6	1.6
Goodhue	556	72.5	44	5.7	3.2	2.2
Grant	60	68.1	*	*	5.5	0.0
Hennepin	20,201	80.2	3,740	14.9	5.6	1.4
Houston	206	69.0	11	**	6.6	3.1
Hubbard	208	72.2	*	*	8.6	0.5
Isanti	486	68.5	52	7.3	4.1	2.5
Itasca	522	75.8	44	6.4	5.8	2.1
Jackson	128	80.1	*	*	7.0	0.8
Kanabec	136	52.4	*	*	3.9	1.5
Kandiyohi	599	82.1	48	6.6	6.6	1.8
Kittson	45	74.6	*	*	2.3	0.0
Koochiching	100	51.0	11	**	7.4	1.1
Lac Qui Parle	70	73.4	*	*	6.5	4.5
Lake	115	74.3	13	**	2.0	2.0
Lake of the Woods	29	54.0	*	*	7.4	0.0
Le Sueur	310	64.7	25	5.2	5.2	1.1
Lincoln	63	75.1	*	*	0.0	1.6
Lyon	373	74.5	19	**	5.8	2.9
McLeod	455	71.9	31	4.9	14.1	1.2
Mahnomen	92	100.7	*	*	3.9	0.0
Marshall	109	75.6	*	*	6.5	0.0
Martin	229	73.6	15	**	4.5	1.4
Meeker	281	77.8	14	**	13.2	1.9
Mille Lacs	392	88.9	27	6.1	9.0	1.9
Morrison	404	72.2	25	4.5	4.1	1.1
Mower	547	81.0	49	7.3	6.2	2.8
Murray	101	79.7	*	*	3.2	1.0

**Nativity Table 6:  
By State, County and Community Health Board (CHB), 2012**

State/County/CHB	Number Pregnancies	Rate Pregnancies	Number Abortions	Rate Abortions	Percent of Women with 4 or More Births	Percent of Women with Live Births w/in 1 Year
<b>State of Minnesota</b>	<b>78,903</b>	<b>75.4</b>	<b>9,755</b>	<b>9.3</b>	<b>5.7</b>	<b>1.5</b>
Nicollet	390	55.2	22	3.1	4.0	0.3
Nobles	340	93.5	*	*	7.3	1.2
Norman	75	75.7	*	*	8.7	0.0
Olmsted	2,306	79.7	219	7.6	5.7	2.3
Otter Tail	649	78.0	7	**	5.3	0.6
Pennington	196	76.0	9	**	1.6	0.0
Pine	299	68.1	26	5.9	5.4	1.8
Pipestone	116	78.8	*	*	6.5	1.7
Polk	431	79.3	*	*	8.4	1.4
Pope	142	87.5	6	**	5.5	0.0
Ramsey	9,556	85.1	1,729	15.4	8.5	1.7
Red Lake	70	113.3	*	*	3.1	0.0
Redwood	181	74.0	7	**	8.8	1.7
Renville	205	87.4	14	**	4.4	1.6
Rice	824	63.1	71	5.4	8.2	1.3
Rock	121	79.3	*	*	8.2	2.5
Roseau	180	70.1	*	*	2.9	0.6
St. Louis	2,417	65.6	321	8.7	5.5	1.2
Scott	2,215	79.1	207	7.4	3.8	1.2
Sherburne	1,299	72.7	109	6.1	7.1	1.5
Sibley	195	77.5	13	**	7.7	0.6
Stearns	2,074	64.8	200	6.2	6.3	2.6
Steele	478	74.2	26	4.0	5.1	1.1
Stevens	110	54.5	*	*	3.9	0.0
Swift	105	71.8	*	*	5.2	3.0
Todd	344	90.1	10	**	16.1	2.1
Traverse	26	55.2	*	*	9.1	0.0
Wabasha	253	72.6	20	5.7	4.5	3.5
Wadena	168	78.5	*	*	10.9	1.2
Waseca	234	59.2	10	**	3.7	2.2
Washington	3,142	68.6	335	7.3	3.0	1.7
Watonwan	162	87.9	9	**	6.3	3.3
Wilkin	72	67.3	*	*	6.0	1.4
Winona	518	42.8	46	3.8	5.4	1.5
Wright	1,962	78.4	125	5.0	7.7	1.1
Yellow Medicine	150	96.8	*	*	3.6	1.4
CHB - Aitkin, Itasca,	759	70.7	70	6.5	6.1	2.0
CHB - Beltrami,	1,115	81.8	55	4.0	7.8	1.2
CHB - Big Stone,	562	85.0	24	3.6	4.1	1.9
CHB - Brown, Nicollet	661	58.9	38	3.4	4.6	0.8
CHB - Carlton, Cook, Lake,	2,987	66.6	383	8.5	5.0	1.2
CHB - Cottonwood,	299	89.0	12	**	7.2	2.1
CHB - Clay, Wilkin	894	59.8	16	**	6.6	1.1
CHB - Douglas, Grant, Pope, Stevens, Traverse	759	69.7	27	2.5	3.6	1.0
CHB - Dodge, Steele	727	71.3	41	4.0	5.2	1.2
CHB - Fillmore, Houston	454	72.3	23	3.7	9.1	2.6
CHB - Faribault, Martin	377	72.2	21	4.0	4.1	1.4

**Nativity Table 6:  
By State, County and Community Health Board (CHB), 2012**

State/County/CHB	Number Pregnancies	Rate Pregnancies	Number Abortions	Rate Abortions	Percent of Women with 4 or More Births	Percent of Women with Live Births w/in 1 Year
<b>State of Minnesota</b>	<b>78,903</b>	<b>75.4</b>	<b>9,755</b>	<b>9.3</b>	<b>5.7</b>	<b>1.5</b>
CHB - Isanti, Mille Lacs	878	76.3	79	6.9	6.3	2.3
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	600	76.8	17	**	3.6	0.2
CHB - Kanabec, Pine	435	62.3	28	4.0	4.9	1.7
CHB - Kandiyohi, Renville	804	83.4	62	6.4	6.0	1.8
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	955	76.1	35	2.8	6.0	2.2
CHB - LeSueur, Waseca	544	62.2	35	4.0	4.5	1.6
CHB - Meeker, McLeod, Sibley	931	74.7	58	4.7	11.4	1.3
CHB - Mahnomon, Norman, Polk	598	81.4	*	*	7.6	1.0
CHB - Morrison, Todd, Wadena	916	79.3	38	3.3	9.7	1.5

**Source:** Minnesota Department of Health, Center for Health Statistics

\*Number not reported if number of events is less than 6.

\*\*Rate not calculated for less than 20 events

**Pregnancy Rate:** The number of pregnancies per 1,000 women in the population of age 15 through 44 years.

**Abortion Rate:** The number of abortions per 1,000 women in the population of age 15 through 44 years.

**Four or More Births:** Births to women with four or more previous live births

**Nativity Table 7: Minnesota Teen Birth and Pregnancy Rates  
By State, County and Community Health Board (CHB), 2010-2012**

State/County/CHB	Teen Birth Rates (TBR)			Teen Pregnancy Rates (TPR)		
	TBR 15-17 Years	TBR 18-19 Years	TBR 15-19 Years	TPR 15-17 Years	TPR 18-19 Years	TPR 15-19 Years
<b>State of Minnesota</b>	<b>9.1</b>	<b>36.1</b>	<b>20.1</b>	<b>12.6</b>	<b>47.8</b>	<b>27.0</b>
Aitkin	*	53.0	25.2	*	63.1	32.0
Anoka	5.9	32.0	14.9	10.2	48.3	23.4
Becker	11.0	76.4	33.0	11.0	79.5	34.1
Beltrami	28.7	70.5	50.0	31.5	75.8	54.0
Benton	*	54.0	26.3	11.9	60.3	30.2
Big Stone	*	*	*	*	*	*
Blue Earth	8.0	12.1	10.8	12.2	17.3	15.7
Brown	*	32.5	18.0	*	41.2	22.7
Carlton	10.1	57.4	26.3	12.5	70.3	32.3
Carver	3.8	17.7	8.2	5.5	27.3	12.5
Cass	18.3	94.3	45.9	21.6	106.9	52.5
Chippewa	*	92.6	44.0	*	94.9	45.8
Chisago	5.6	39.1	16.6	7.8	43.5	19.4
Clay	10.5	14.3	13.0	10.5	15.4	13.7
Clearwater	*	79.8	32.1	*	79.8	33.4
Cook	*	*	*	*	*	*
Cottonwood	*	77.5	42.0	*	82.5	45.5
Crow Wing	8.0	69.6	30.1	9.4	82.8	35.8
Dakota	4.7	30.6	13.3	8.2	44.8	20.3
Dodge	*	42.2	18.8	*	53.9	26.3
Douglas	*	43.3	17.6	*	50.8	22.5
Faribault	*	53.0	27.3	*	62.2	31.1
Fillmore	*	*	14.9	*	33.7	17.5
Freeborn	16.2	57.0	31.3	19.7	61.0	35.0
Goodhue	7.6	44.5	20.0	11.3	56.0	26.3
Grant	*	*	*	*	*	*
Hennepin	10.9	35.9	21.1	16.7	55.2	32.4
Houston	*	*	*	*	*	11.5
Hubbard	*	52.0	28.1	16.9	55.4	29.8
Isanti	*	53.1	23.3	9.9	63.6	28.5
Itasca	8.7	56.9	25.5	13.3	66.9	31.9
Jackson	*	*	*	*	*	*
Kanabec	*	50.1	23.5	*	53.9	26.2
Kandiyohi	17.9	66.6	37.0	19.2	78.0	42.2
Kittson	*	*	*	*	*	*
Koochiching	*	56.9	25.4	*	63.5	28.7
Lac Qui Parle	*	*	*	*	*	*
Lake	*	78.6	35.4	*	84.9	37.7
Lake of the Woods	*	*	*	*	*	*
Le Sueur	*	42.8	20.5	12.6	53.8	26.3
Lincoln	*	*	*	*	*	*
Lyon	*	27.4	20.1	*	30.8	21.8
McLeod	*	58.1	22.6	*	67.8	26.6
Mahnomen	*	176.2	95.5	*	181.0	101.1
Marshall	*	*	*	*	*	*
Martin	*	56.8	26.4	*	66.2	31.8
Meeker	*	33.1	16.9	*	40.3	20.7
Mille Lacs	15.8	79.3	38.5	19.7	89.9	44.8
Morrison	*	41.8	18.9	*	47.9	21.7
Mower	10.5	70.1	32.1	14.3	79.1	37.7
Murray	*	*	26.8	*	*	26.8
Nicollet	*	16.5	13.2	11.7	18.8	16.0



**Nativity Table 7: Minnesota Teen Birth and Pregnancy Rates  
By State, County and Community Health Board (CHB), 2010-2012**

State/County/CHB	Teen Birth Rates (TBR)			Teen Pregnancy Rates (TPR)		
	TBR 15-17 Years	TBR 18-19 Years	TBR 15-19 Years	TPR 15-17 Years	TPR 18-19 Years	TPR 15-19 Years
Nobles	28.9	101.9	55.1	28.9	104.5	56.0
Norman	*	*	*	*	*	*
Olmsted	7.9	35.9	17.7	10.8	51.8	25.0
Otter Tail	6.5	51.1	22.4	6.5	51.7	22.6
Pennington	*	51.3	28.0	*	53.4	28.8
Pine	*	65.9	27.7	*	77.9	33.0
Pipestone	*	*	22.1	*	*	24.2
Polk	14.2	45.2	27.1	14.2	46.6	27.7
Pope	*	*	*	*	*	*
Ramsey	15.7	45.1	29.4	21.7	62.2	40.7
Red Lake	*	*	*	*	*	*
Redwood	*	58.4	27.4	*	70.0	32.6
Renville	*	90.3	38.5	*	96.8	40.6
Rice	11.0	21.2	16.7	13.5	26.6	20.9
Rock	*	*	*	*	*	*
Roseau	*	65.8	22.8	*	70.0	24.0
St. Louis	8.6	25.6	17.8	12.5	34.6	24.4
Scott	6.0	26.5	12.3	8.6	39.4	18.0
Sherburne	4.7	41.4	16.5	7.5	51.3	21.6
Sibley	*	49.0	19.9	*	51.2	21.3
Stearns	8.7	19.9	15.0	10.9	25.7	19.3
Steele	9.3	64.2	27.4	11.4	72.7	31.6
Stevens	*	*	*	*	*	*
Swift	*	*	*	*	*	24.7
Todd	*	64.6	26.9	*	72.0	30.2
Traverse	*	*	*	*	*	*
Wabasha	*	33.2	15.7	*	45.2	23.1
Wadena	*	80.0	36.0	*	82.1	38.3
Waseca	*	59.3	24.9	*	61.1	26.2
Washington	4.1	22.7	10.0	6.9	35.8	16.2
Watonwan	*	104.7	47.0	*	109.9	51.4
Wilkin	*	*	*	*	*	*
Winona	*	7.0	7.1	8.7	10.4	9.9
Wright	5.4	35.8	15.0	7.4	44.7	19.1
Yellow Medicine	*	64.2	30.6	*	70.3	32.7
CHB - Aitkin, Itasca,	8.8	56.2	25.4	12.9	65.5	31.3
CHB - Beltrami, Clearwater, Hubbard,	21.7	68.0	42.3	24.0	72.4	45.5
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	9.1	63.4	28.6	9.9	66.8	30.3
CHB - Brown, Nicollet	7.3	21.3	15.0	9.9	25.6	18.4
CHB - Carlton, Cook, Lake, St. Louis	8.8	29.4	19.3	12.2	38.8	25.7
CHB - Cottonwood, Jackson	16.4	61.3	32.1	17.9	64.1	34.0
CHB - Clay, Wilkin	10.0	15.3	13.3	10.0	16.3	13.9
CHB - Douglas, Grant, Pope, Stevens, Traverse	*	26.8	14.5	8.0	30.3	17.8
CHB - Dodge, Steele	8.6	56.0	24.2	12.1	65.7	29.6
CHB - Fillmore, Houston	*	28.0	12.7	*	30.3	14.5
CHB - Faribault, Martin	12.4	55.2	26.8	14.7	64.6	31.5
CHB - Isanti, Mille Lacs	10.6	63.3	29.1	13.6	73.8	34.7

**Nativity Table 7: Minnesota Teen Birth and Pregnancy Rates  
By State, County and Community Health Board (CHB), 2010-2012**

State/County/CHB	Teen Birth Rates (TBR)			Teen Pregnancy Rates (TPR)		
	TBR 15-17 Years	TBR 18-19 Years	TBR 15-19 Years	TPR 15-17 Years	TPR 18-19 Years	TPR 15-19 Years
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	*	53.8	22.2	7.1	55.9	23.1
CHB - Kanabec, Pine	8.5	59.9	26.1	10.4	68.7	30.4
CHB - Kandiyohi, Renville	16.5	72.0	37.4	17.4	82.3	41.8
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	9.9	39.1	21.6	10.4	43.4	23.6
CHB - LeSueur, Waseca	8.7	48.9	22.1	11.1	56.5	26.3
CHB - Meeker, McLeod, Sibley	6.4	48.7	20.4	7.9	56.1	23.8
CHB - Mahnomon, Norman, Polk	16.2	61.7	34.4	16.9	63.4	35.5
CHB - Morrison, Todd, Wadena	7.6	56.9	24.9	8.9	62.6	27.8

**Source:** Minnesota Department of Health, Center for Health Statistics and the US Census.

\*Rate not calculated for less than 20 events

**Teen Birth Rate:** The number of live births to a specific age group per 1,000 female population of the specific age group.

**Teen Pregnancy Rate:** The number of pregnancies to a specific age group per 1,000 female population of the specific age group.

**Nativity Table 8: Socio-Demographic Factors Related to Birth Outcomes in Minnesota  
By State, County and Community Health Board (CHB), 2012**

State/County/CHB	Percent - Births to Unmarried Mothers	Percent - No Father on Birth Certificate	Percent - Mothers Smoked during Pregnancy
<b>State of Minnesota</b>	<b>33.1</b>	<b>13.3</b>	<b>12.0</b>
Aitkin	38.0	14.0	25.0
Anoka	30.2	9.7	12.6
Becker	43.1	23.1	24.7
Beltrami	55.7	31.7	27.3
Benton	33.6	10.7	18.1
Big Stone	24.2	3.2	14.5
Blue Earth	29.2	10.9	14.5
Brown	31.2	6.7	17.8
Carlton	44.4	14.9	22.6
Carver	14.2	4.5	5.6
Cass	56.4	26.6	36.4
Chippewa	40.0	15.6	21.3
Chisago	30.0	9.7	15.0
Clay	28.4	6.9	11.3
Clearwater	36.1	19.6	22.7
Cook	29.3	22.0	20.5
Cottonwood	41.4	14.2	15.4
Crow Wing	43.6	14.9	24.8
Dakota	28.4	13.7	7.6
Dodge	34.2	14.1	14.1
Douglas	29.1	11.4	17.9
Faribault	33.3	14.2	15.6
Fillmore	26.3	12.7	13.5
Freeborn	44.8	13.4	17.2
Goodhue	33.1	12.9	17.3
Grant	25.9	6.9	10.3
Hennepin	33.4	15.2	7.3
Houston	19.5	9.7	14.4
Hubbard	37.9	21.2	25.7
Isanti	36.2	11.1	19.8
Itasca	39.3	21.0	22.4
Jackson	36.1	9.8	22.3
Kanabec	41.0	14.9	23.9
Kandiyohi	41.2	15.1	9.5
Kittson	28.9	6.7	15.6
Koochiching	40.9	23.9	24.7
Lac Qui Parle	27.3	13.6	18.2
Lake	28.4	13.7	11.8
Lake of the Woods	31.0	10.3	17.2
Le Sueur	28.8	12.3	16.1
Lincoln	17.7	4.8	12.9
Lyon	32.6	16.1	13.9
McLeod	29.3	7.8	13.7
Mahnomen	79.8	43.8	63.2
Marshall	23.4	6.5	16.0
Martin	35.5	14.0	21.5
Meeker	21.1	4.5	16.6
Mille Lacs	46.8	19.0	28.1
Morrison	34.5	9.5	23.1
Mower	39.7	13.2	21.3

**Nativity Table 8: Socio-Demographic Factors Related to Birth Outcomes in Minnesota  
By State, County and Community Health Board (CHB), 2012**

State/County/CHB	Percent - Births to Unmarried Mothers	Percent - No Father on Birth Certificate	Percent - Mothers Smoked during Pregnancy
Murray	28.1	10.4	19.8
Nicollet	33.2	12.6	13.2
Nobles	45.8	12.8	6.0
Norman	33.3	12.0	14.7
Olmsted	26.1	11.4	8.6
Otter Tail	32.0	14.4	14.9
Pennington	41.4	14.5	24.7
Pine	48.5	19.9	29.0
Pipestone	40.0	9.6	23.5
Polk	34.4	10.8	15.7
Pope	25.2	8.1	14.9
Ramsey	43.3	17.3	10.0
Red Lake	35.8	11.9	16.4
Redwood	34.5	12.6	24.1
Renville	42.9	14.1	20.4
Rice	36.9	11.6	15.7
Rock	26.9	4.2	13.6
Roseau	37.1	7.4	17.1
St. Louis	39.4	18.0	21.9
Scott	20.6	8.4	7.2
Sherburne	25.4	7.4	11.7
Sibley	36.5	12.2	12.7
Stearns	31.3	9.4	12.0
Steele	36.6	16.4	16.5
Stevens	23.4	6.5	7.5
Swift	27.7	6.9	18.8
Todd	32.7	9.6	16.9
Traverse	41.7	20.8	20.8
Wabasha	28.7	12.2	11.3
Wadena	34.5	15.2	21.8
Waseca	28.6	13.4	21.0
Washington	24.3	8.2	8.3
Watonwan	44.7	18.4	14.5
Wilkin	46.5	8.5	16.9
Winona	32.6	12.6	13.9
Wright	20.2	5.7	11.6
Yellow Medicine	28.3	9.7	15.9
CHB - Aitkin, Itasca, Koochiching	39.3	20.1	23.2
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	49.8	28.0	26.3
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	31.1	10.7	18.2
CHB - Brown, Nicollet	32.4	10.2	15.0
CHB - Carlton, Cook, Lake, St. Louis	39.5	17.5	21.6

**Nativity Table 9: Educational Status of Mother  
By State, County and Community Health Board (CHB), 2012**

edited 10/09/14

State/County/CHB	Less than High school	High School graduate or GED completed	Some college credit but no degree
<b>State of Minnesota</b>	<b>11.0</b>	<b>17.2</b>	<b>19.9</b>
Aitkin	11.7	21.7	28.3
Anoka	8.0	14.9	23.3
Becker	11.3	24.7	24.9
Beltrami	10.6	48.0	2.2
Benton	5.5	20.5	21.2
Big Stone	16.1	19.4	17.7
Blue Earth	6.4	12.2	23.1
Brown	3.6	17.8	28.1
Carlton	8.8	14.9	27.8
Carver	4.0	10.3	16.8
Cass	11.4	39.2	19.5
Chippewa	9.5	26.6	22.8
Chisago	3.5	16.1	25.8
Clay	9.0	14.0	19.9
Clearwater	22.1	32.6	10.5
Cook	7.3	12.2	19.5
Cottonwood	22.5	30.0	9.4
Crow Wing	8.9	21.0	26.7
Dakota	7.9	16.1	19.2
Dodge	9.0	21.4	21.4
Douglas	5.5	15.4	21.4
Faribault	10.7	22.1	18.6
Fillmore	21.6	15.7	21.2
Freeborn	15.0	32.5	15.6
Goodhue	5.9	21.3	23.0
Grant	1.7	15.5	25.9
Hennepin	14.1	13.6	17.4
Houston	4.1	19.5	17.9
Hubbard	13.8	25.6	18.2
Isanti	6.3	22.1	28.2
Itasca	7.9	21.3	28.8
Jackson	6.6	23.8	26.2
Kanabec	14.3	25.6	33.8
Kandiyohi	20.7	22.7	12.6
Kittson	11.1	22.2	17.8
Koochiching	12.8	25.6	18.6
Lac Qui Parle	7.7	21.5	20.0
Lake	4.9	19.6	32.4
Lake of the Woods	7.1	28.6	17.9
Le Sueur	10.5	16.5	26.0
Lincoln	4.8	25.8	14.5
Lyon	13.3	17.6	16.8
McLeod	9.5	20.4	25.1
Mahnomen	25.3	37.9	20.7
Marshall	5.8	18.3	24.0
Martin	9.3	21.5	25.7
Meeker	5.7	20.9	24.0
Mille Lacs	10.5	30.4	25.4
Morrison	5.6	24.1	25.5

**Nativity Table 9: Educational Status of Mother  
By State, County and Community Health Board (CHB), 2012**

edited 10/09/14

State/County/CHB	Less than High school	High School graduate or GED completed	Some college credit but no degree
Mower	20.0	20.9	21.9
Murray	7.4	18.9	20.0
Nicollet	6.8	12.9	24.1
Nobles	44.6	17.3	12.5
Norman	12.2	23.0	20.3
Olmsted	9.0	12.5	16.1
Otter Tail	11.0	17.7	23.5
Pennington	6.5	23.2	28.6
Pine	10.9	28.2	29.3
Pipestone	16.5	20.9	24.3
Polk	12.5	24.3	17.0
Pope	9.6	11.1	25.2
Ramsey	16.5	20.1	19.0
Red Lake	3.0	23.9	31.3
Redwood	12.1	17.2	24.1
Renville	16.8	18.8	22.0
Rice	17.2	21.0	22.2
Rock	11.8	19.3	16.0
Roseau	4.6	26.9	28.0
St. Louis	7.7	18.2	26.5
Scott	6.1	12.7	16.3
Sherburne	4.6	15.8	25.3
Sibley	13.8	19.9	20.4
Stearns	11.6	17.7	19.4
Steele	11.7	21.0	22.3
Stevens	6.5	12.1	24.3
Swift	10.9	23.8	12.9
Todd	24.9	26.4	20.1
Traverse	4.2	25.0	25.0
Wabasha	10.0	18.7	21.7
Wadena	11.5	29.1	27.3
Waseca	9.4	19.6	24.1
Washington	3.5	13.6	17.6
Watonwan	25.0	19.1	26.3
Wilkin	8.6	20.0	17.1
Winona	8.0	17.7	21.8
Wright	4.6	14.7	21.7
Yellow Medicine	4.1	17.2	24.8
CHB - Aitkin, Itasca, Koochiching	9.2	21.9	27.4
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	12.2	41.6	6.6
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	8.9	22.0	20.5
CHB - Brown, Nicollet	5.5	14.9	25.7
CHB - Carlton, Cook, Lake, St. Louis	7.7	17.7	26.8

**Nativity Table 10: Race and Ethnicity of Mother in Minnesota  
By State, County and Community Health Board (CHB), 2012**

State/County/CHB	Race of Mother - Number					Hispanic (any race)
	White	African American	American Indian	Asian	Unknown / Other	
<b>State of Minnesota</b>	<b>52,171</b>	<b>7,049</b>	<b>1,346</b>	<b>5,383</b>	<b>2,834</b>	<b>4,825</b>
Aitkin	107	2	9	1	2	5
Anoka	3,256	348	25	280	126	194
Becker	352	5	74	3	11	9
Beltrami	416	4	292	5	8	12
Benton	531	34	5	10	1	12
Big Stone	61	0	0	0	1	1
Blue Earth	663	42	3	22	10	25
Brown	246	2	0	3	2	14
Carlton	317	3	41	2	0	6
Carver	1,048	29	3	37	28	57
Cass	238	1	101	0	2	5
Chippewa	140	0	3	8	9	20
Chisago	554	4	2	7	9	7
Clay	715	19	39	9	25	44
Clearwater	82	0	14	0	1	2
Cook	34	1	2	3	1	1
Cottonwood	134	1	0	10	17	23
Crow Wing	691	7	10	7	5	13
Dakota	4,050	518	22	379	295	483
Dodge	227	2	1	1	3	13
Douglas	395	2	0	3	2	6
Faribault	132	1	2	1	5	13
Fillmore	231	0	1	2	2	1
Freeborn	303	11	2	5	45	58
Goodhue	463	14	7	8	19	25
Grant	57	0	0	0	1	1
Hennepin	9,720	3,445	234	1,770	1,176	1,568
Houston	188	2	1	4	0	1
Hubbard	189	2	9	0	3	4
Isanti	416	1	5	7	5	8
Itasca	428	4	36	3	5	12
Jackson	118	0	0	4	0	4
Kanabec	131	0	1	1	1	1
Kandiyohi	478	64	1	3	2	106
Kittson	42	1	0	1	1	1
Koochiching	85	0	2	0	1	1
Lac Qui Parle	64	1	0	0	1	1
Lake	101	0	0	1	0	1
Lake of the Woods	28	0	0	1	0	0
Le Sueur	262	1	0	1	21	26
Lincoln	60	0	0	1	1	1
Lyon	267	17	2	21	40	45
McLeod	386	4	3	7	23	36
Mahnomen	26	0	61	0	2	4
Marshall	103	0	0	0	4	4
Martin	206	3	0	1	4	12
Meeker	258	1	0	3	4	7
Mille Lacs	324	0	35	1	3	6
Morrison	370	2	2	1	2	12
Mower	393	32	0	22	47	88

**Nativity Table 10: Race and Ethnicity of Mother in Minnesota  
By State, County and Community Health Board (CHB), 2012**

State/County/CHB	Race of Mother - Number					Hispanic (any race)
	White	African American	American Indian	Asian	Unknown / Other	
Murray	91	0	0	2	3	6
Nicollet	320	24	3	6	12	19
Nobles	271	23	1	34	7	140
Norman	64	1	2	3	5	7
Olmsted	1,695	201	0	169	15	98
Otter Tail	595	16	9	9	12	20
Pennington	180	3	3	0	0	7
Pine	252	3	11	2	4	5
Pipestone	93	1	6	2	13	14
Polk	368	11	13	6	29	31
Pope	130	3	0	0	2	3
Ramsey	4,014	1,461	76	1,868	350	686
Red Lake	62	1	2	1	1	2
Redwood	149	0	9	15	1	4
Renville	179	0	2	2	8	26
Rice	594	79	2	13	56	88
Rock	109	1	1	7	1	1
Roseau	163	1	3	7	1	2
St. Louis	1,892	60	86	31	15	37
Scott	1,684	84	17	167	53	101
Sherburne	1,131	20	6	19	6	30
Sibley	160	0	0	0	21	29
Stearns	1,611	166	10	34	43	95
Steele	374	30	2	4	41	46
Stevens	94	1	1	0	11	12
Swift	100	0	0	1	0	8
Todd	314	4	2	3	10	28
Traverse	19	0	5	0	0	0
Wabasha	223	2	0	1	4	12
Wadena	158	4	2	1	0	2
Waseca	209	7	0	1	7	10
Washington	2,275	173	6	268	71	118
Watonwan	119	1	1	5	26	56
Wilkin	66	0	4	0	1	2
Winona	444	9	1	13	2	18
Wright	1,752	26	4	29	20	55
Yellow Medicine	131	1	6	1	6	8
CHB - Aitkin, Itasca, Koochiching	620	6	47	4	8	18
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	715	6	315	6	12	18
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	496	2	9	10	17	38
CHB - Brown, Nicollet	566	26	3	9	14	33
CHB - Carlton, Cook, Lake, St. Louis	2,344	64	129	37	16	45



## Section C: Mortality

### Tables

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Mortality Table 1: Summary of Deaths to Minnesota Residents

Mortality Table 2: Number of Deaths by Age Group

Mortality Table 3: Age-Specific Death Rate

Mortality Table 4: Minnesota's 15 Leading Causes of Death by Age

Mortality Table 5: Premature Deaths and Overall Deaths

## **Mortality Introduction**

The mortality section of the Minnesota County Health Tables provides data on deaths to residents of Minnesota including number of deaths, crude death rates, age-adjusted death rates, age-specific death rates, the 15 leading causes of death and premature death rate by top 10 leading causes of death. All data are for presented for the most current year with the exception of the premature deaths; due to small numbers of deaths a 5-year grouping is provided. This introduction provides an overview of death (mortality) statistics, how deaths rates are calculated and how to use these statistics.

### **Crude Death Rate**

A crude death rate is a good measure of the overall magnitude of mortality 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 a crude death rate over time or to another county or Community Health Board (CHB) and be aware that differences in the crude rate may be due to an older populations.

A crude death rate is simply the number of deaths divided by the total population, often multiplied by some constant so that the result is not a fraction (for death rates 100,000 is the most commonly used multiplier).

Mortality Table 1 includes crude death rates for the state of Minnesota, its counties and community health boards.

### **Age-specific death 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 eight common age groupings. 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 45-54 does the death rate exceed that for ages 0-4. It can be immediately seen that the death rates are many times higher in the oldest age groups. Therefore, county or CHB with an older population will automatically have a higher overall death rate just because of the 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).

### **Premature Death Rate**

Almost 4 out of every 10 deaths to Minnesota residents occur to people under 75 years of age. Thus, it is also important to investigate deaths to younger Minnesotans. By examining premature deaths to younger persons, it may be possible to identify certain counties or CHBs were certain deaths that may be more prevalent among younger residents.

The premature death rate (PDR) 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. For more information on PDRs go to: Pennsylvania Department of Health, Tools of the Trade, Premature Mortality Rates

<http://www.portal.state.pa.us/portal/server.pt?open=514&objID=556449&mode=2>

Tables 1 and 5 of the Minnesota County Health Tables include premature deaths to those under age 75, as well as a premature death rate (age-adjusted).

### **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 5 are calculated using the direct method of age adjustment. For more information on age adjusting death rates go to: Centers for Disease Control and Prevention, *Healthy People 2000 Statistical Notes, Direct Standardization (Age-Adjusted Death Rates)*

<http://www.cdc.gov/nchs/data/statnt/statnt06rv.pdf>

### **Additional Resources for Minnesota Death Data**

Minnesota Vital Statistics Interactive Queries Website

A query system that includes deaths by county, age, cause, gender and race/ethnicity

<https://pqc.health.state.mn.us/mhsq/index.jsp>

Minnesota Vital Statistics State, County, and Community Health Board Trend Reports

Reports include the 5-year rates for the cancer heart disease, stroke, and unintentional injury

<http://www.health.state.mn.us/divs/chs/trends/index.html>

Minnesota Injury Data Access System (MIDAS)

A query system of injury and violence data for Minnesotans by county, injury type, gender, outcome (fatal/non-fatal)

<http://www.health.state.mn.us/injury/midas/ub92/>

CDC Wonder

WONDER online databases utilize a rich ad-hoc query system for the analysis of public health data

<http://wonder.cdc.gov/>

**Mortality Table 1: Summary of Deaths to Minnesota Residents  
by State and County, 2012**

State/County/CHB	Deaths	Crude Death Rate	Age Adjusted Death Rate	Premature Deaths (Under 75 years)	
				Deaths	Age Adj. Rate*
<b>State of Minnesota</b>	<b>40,020</b>	<b>744.0</b>	<b>696.8</b>	<b>14,907</b>	<b>248.4</b>
Aitkin	192	1,205.5	657.8	65	235.6
Anoka	1,758	522.6	612.1	884	236.4
Becker	336	1,018.2	788.9	123	302.9
Beltrami	410	903.6	859.0	183	378.7
Benton	324	833.7	799.6	111	277.4
Big Stone	69	1,336.2	707.1	25	342.9
Blue Earth	463	711.3	718.8	155	254.2
Brown	291	1,144.5	721.0	70	227.6
Carlton	367	1,038.3	861.5	137	325.0
Carver	431	459.9	602.0	158	169.6
Cass	288	1,015.6	712.0	138	344.2
Chippewa	148	1,219.6	780.6	46	303.8
Chisago	342	639.8	650.5	138	225.5
Clay	467	776.3	775.3	163	281.6
Clearwater	115	1,321.4	995.0	50	476.1
Cook	41	790.7	543.9	13	*
Cottonwood	127	1,095.1	642.1	31	223.5
Crow Wing	631	1,003.5	732.5	238	290.6
Dakota	2,215	546.8	623.5	914	209.7
Dodge	146	721.7	721.2	50	240.8
Douglas	408	1,120.4	734.1	123	252.0
Faribault	199	1,395.2	815.3	62	325.2
Fillmore	223	1,070.4	699.2	67	260.5
Freeborn	339	1,091.7	706.9	100	259.6
Goodhue	474	1,023.0	741.7	116	204.0
Grant	72	1,211.3	748.2	26	353.3
Hennepin	7,899	666.8	689.7	3,035	242.3
Houston	158	838.8	570.5	46	185.5
Hubbard	193	948.5	618.8	86	281.1
Isanti	313	818.3	805.7	126	283.9
Itasca	523	1,156.5	816.2	209	344.8
Jackson	99	962.9	628.3	32	260.0
Kanabec	135	843.5	668.2	53	252.0
Kandiyohi	398	939.1	715.9	122	246.2
Kittson	71	1,580.2	917.5	21	365.9
Koochiching	146	1,105.4	731.3	50	271.2
Lac Qui Parle	95	1,336.3	755.6	25	311.8
Lake	132	1,220.2	687.9	40	249.7
Lake of the Woods	42	1,057.1	672.8	12	*
Le Sueur	213	769.6	666.3	75	227.3
Lincoln	76	1,306.3	713.1	21	307.3
Lyon	202	790.8	676.7	60	222.8
McLeod	304	843.2	660.8	93	217.9
Mahnomen	61	1,101.9	904.6	29	440.4
Marshall	73	772.6	514.5	21	178.9

**Mortality Table 1: Summary of Deaths to Minnesota Residents  
by State and County, 2012**

State/County/CHB	Deaths	Crude Death Rate	Age Adjusted Death Rate	Premature Deaths (Under 75 years)	
				Deaths	Age Adj. Rate*
<b>State of Minnesota</b>	<b>40,020</b>	<b>744.0</b>	<b>696.8</b>	<b>14,907</b>	<b>248.4</b>
Martin	233	1,138.0	681.2	69	265.1
Meeker	225	975.7	725.4	62	218.8
Mille Lacs	278	1,080.0	843.0	105	329.9
Morrison	386	1,167.9	908.4	131	327.9
Mower	382	970.2	679.4	100	232.6
Murray	119	1,387.4	814.5	33	317.8
Nicollet	211	640.8	623.5	95	271.2
Nobles	193	898.2	702.1	56	242.0
Norman	98	1,477.2	882.0	30	351.8
Olmsted	934	635.1	603.2	335	208.9
Otter Tail	679	1,185.2	752.0	204	268.0
Pennington	149	1,058.7	858.1	51	315.5
Pine	267	913.8	728.3	127	341.1
Pipestone	116	1,241.3	757.7	32	283.9
Polk	347	1,104.5	848.8	120	334.9
Pope	132	1,211.9	750.9	35	260.6
Ramsey	3,840	738.2	731.0	1,508	276.9
Red Lake	45	1,101.1	800.4	18	*
Redwood	200	1,262.1	792.0	56	277.4
Renville	213	1,385.9	889.1	61	323.2
Rice	479	738.6	720.1	153	224.7
Rock	122	1,277.1	796.2	26	230.4
Roseau	120	775.4	676.5	42	239.5
St. Louis	2,157	1,076.8	851.7	807	335.3
Scott	545	403.3	594.5	241	187.9
Sherburne	448	500.8	667.5	209	238.8
Sibley	150	991.9	737.8	44	252.1
Stearns	961	633.9	619.6	354	223.7
Steele	296	814.9	682.5	108	265.3
Stevens	82	848.6	622.4	23	232.4
Swift	95	990.2	615.0	34	274.5
Todd	197	803.8	611.5	81	259.0
Traverse	59	1,709.7	855.2	16	*
Wabasha	166	773.0	580.1	53	192.4
Wadena	185	1,343.8	846.2	56	336.4
Waseca	166	862.9	686.9	39	177.3
Washington	1,342	549.8	611.8	554	202.2
Watonwan	121	1,081.6	722.7	35	269.0
Wilkin	87	1,321.2	881.5	12	*
Winona	388	751.5	689.9	128	235.0
Wright	669	525.4	649.7	269	208.5
Yellow Medicine	119	1,171.5	758.8	44	332.2
CHB - Aitkin, Itasca, Koochiching	861	1,157.9	763.6	324	306.7

**Mortality Table 1: Summary of Deaths to Minnesota Residents  
by State and County, 2012**

State/County/CHB	Deaths	Crude Death Rate	Age Adjusted Death Rate	Premature Deaths (Under 75 years)	
				Deaths	Age Adj. Rate*
<b>State of Minnesota</b>	<b>40,020</b>	<b>744.0</b>	<b>696.8</b>	<b>14,907</b>	<b>248.4</b>
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	760	969.4	792.6	331	352.6
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow	526	1,191.1	722.5	174	307.1
CHB - Brown, Nicollet	502	860.3	684.5	165	250.9
CHB - Carlton, Cook, Lake, St. Louis	2,697	1,071.6	835.9	997	325.5
CHB - Cottonwood, Jackson	226	1,033.0	637.4	63	241.0
CHB - Clay, Wilkin	554	830.1	793.9	175	265.0
CHB - Douglas, Grant, Pope, Stevens, Traverse	753	1,134.6	727.1	223	264.4
CHB - Dodge, Steele	442	781.6	694.2	158	257.7
CHB - Fillmore, Houston	381	960.4	639.0	113	224.5
CHB - Faribault, Martin	432	1,243.6	737.8	131	291.0
CHB - Isanti, Mille Lacs	591	923.6	819.2	231	301.6
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	458	962.6	730.1	153	269.6
CHB - Kanabec, Pine	402	888.9	706.7	180	309.3
CHB - Kandiyohi, Renville	611	1,058.1	766.4	183	266.5
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	835	1,118.1	744.4	228	258.2
CHB - LeSueur, Waseca	379	807.9	677.0	114	206.7
CHB - Meeker, McLeod, Sibley	679	914.6	697.4	199	225.2
CHB - Mahnommen, Norman, Polk	506	1,160.9	862.5	179	350.7
CHB - Morrison, Todd, Wadena	768	1,076.7	794.2	268	304.6

Source: Minnesota Department of Health, Center for Health Statistics

For more data on deaths in Minnesota go the Minnesota Vital Statistics Interactive Queries Website:

<https://pqc.health.state.mn.us/mhsq/index.jsp>

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

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

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.

For more information on these rates and age adjusting, see the introduction

\*Rates not calculated for fewer than 20 deaths.

**Mortality Table 2: Minnesota Number of Deaths by Age Group  
by State and County, 2012**

State/County/CHB	Age Group						
	0-4	5-14	15-24	25-44	45-64	65-74	75+
<b>State of Minnesota</b>	<b>402</b>	<b>81</b>	<b>387</b>	<b>1,375</b>	<b>6,758</b>	<b>5,904</b>	<b>25,113</b>
Aitkin	0	0	1	2	28	34	127
Anoka	25	7	21	79	429	323	874
Becker	2	1	6	13	50	51	213
Beltrami	9	1	8	21	76	68	227
Benton	8	0	2	12	46	43	213
Big Stone	1	0	0	1	9	14	44
Blue Earth	7	0	4	16	63	65	308
Brown	1	1	0	6	31	31	221
Carlton	1	0	3	14	59	60	230
Carver	4	0	6	15	77	56	273
Cass	2	0	2	12	64	58	150
Chippewa	0	1	1	2	25	17	102
Chisago	1	0	6	12	52	67	204
Clay	8	0	5	15	70	65	304
Clearwater	2	1	0	6	25	16	65
Cook	0	0	0	3	1	9	28
Cottonwood	2	0	1	3	11	14	96
Crow Wing	5	1	1	21	115	95	393
Dakota	35	4	36	77	407	355	1,301
Dodge	1	1	5	7	17	19	96
Douglas	3	1	0	7	51	61	285
Faribault	0	0	1	4	24	33	137
Fillmore	0	0	0	8	24	35	156
Freeborn	3	0	2	12	35	48	239
Goodhue	3	1	3	9	52	48	358
Grant	1	1	0	2	15	7	46
Hennepin	84	16	65	314	1,431	1,125	4,864
Houston	0	0	0	3	16	27	112
Hubbard	0	1	1	5	32	47	107
Isanti	5	0	1	10	50	60	187
Itasca	5	0	1	19	92	92	314
Jackson	0	0	2	3	14	13	67
Kanabec	1	2	0	4	22	24	82
Kandiyohi	0	1	2	13	45	61	276
Kittson	1	0	0	2	7	11	50
Koochiching	1	1	2	1	23	22	96
Lac Qui Parle	1	0	0	5	10	9	70
Lake	0	0	0	2	19	19	92
Lake of the Woods	0	0	0	0	5	7	30
Le Sueur	0	0	2	9	34	30	138
Lincoln	1	0	1	3	6	10	55
Lyon	2	0	1	3	28	26	142
McLeod	3	0	4	4	41	41	211
Mahnomen	0	0	2	1	12	14	32
Marshall	1	0	0	2	9	9	52
Martin	0	0	0	6	35	28	164
Meeker	3	2	1	3	27	26	163

**Mortality Table 2: Minnesota Number of Deaths by Age Group  
by State and County, 2012**

State/County/CHB	Age Group						
	0-4	5-14	15-24	25-44	45-64	65-74	75+
<b>State of Minnesota</b>	<b>402</b>	<b>81</b>	<b>387</b>	<b>1,375</b>	<b>6,758</b>	<b>5,904</b>	<b>25,113</b>
Mille Lacs	0	1	2	4	55	43	173
Morrison	1	0	5	11	62	52	255
Mower	4	0	2	11	50	33	282
Murray	1	2	2	3	8	17	86
Nicollet	4	2	3	6	45	35	116
Nobles	3	1	3	6	23	20	137
Norman	2	0	0	1	14	13	68
Olmsted	10	5	8	35	144	133	599
Otter Tail	7	0	4	16	89	88	475
Pennington	2	0	0	6	18	25	98
Pine	2	1	6	11	49	58	140
Pipestone	0	1	1	1	16	13	84
Polk	4	0	3	13	57	43	227
Pope	1	0	0	6	14	14	97
Ramsey	49	5	44	147	730	533	2,332
Red Lake	0	0	0	1	7	10	27
Redwood	0	0	3	1	27	25	144
Renville	3	0	2	4	28	24	152
Rice	5	2	2	16	70	58	326
Rock	0	0	1	2	12	11	96
Roseau	1	1	1	6	17	16	78
St. Louis	19	2	18	69	373	326	1,350
Scott	4	3	8	26	108	92	304
Sherburne	5	0	8	25	96	75	239
Sibley	0	1	1	5	22	15	106
Stearns	10	3	11	29	184	117	607
Steele	2	0	4	10	45	47	188
Stevens	1	0	0	1	8	13	59
Swift	0	0	0	2	14	18	61
Todd	1	1	2	7	30	40	116
Traverse	0	0	1	1	7	7	43
Wabasha	0	0	1	5	17	30	113
Wadena	0	1	3	4	26	22	129
Waseca	0	0	1	3	18	17	127
Washington	13	3	20	44	244	230	788
Watonwan	0	0	0	4	17	14	86
Wilkin	0	0	0	0	6	6	75
Winona	3	0	4	11	50	60	260
Wright	13	2	12	29	114	99	400
Yellow Medicine	0	0	1	0	24	19	75
CHB - Aitkin, Itasca, Koochiching	6	1	4	22	143	148	537
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	11	3	9	32	138	138	429
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow	2	1	2	10	82	77	352



**Mortality Table 2: Minnesota Number of Deaths by Age Group  
by State and County, 2012**

State/County/CHB	Age Group						
	0-4	5-14	15-24	25-44	45-64	65-74	75+
<b>State of Minnesota</b>	<b>402</b>	<b>81</b>	<b>387</b>	<b>1,375</b>	<b>6,758</b>	<b>5,904</b>	<b>25,113</b>
CHB - Brown, Nicollet	5	3	3	12	76	66	337
CHB - Carlton, Cook, Lake, St. Louis	20	2	21	88	452	414	1,700
CHB - Cottonwood, Jackson	2	0	3	6	25	27	163
CHB - Clay, Wilkin	8	0	5	15	76	71	379
CHB - Douglas, Grant, Pope, Stevens, Traverse	6	2	1	17	95	102	530
CHB - Dodge, Steele	3	1	9	17	62	66	284
CHB - Fillmore, Houston	0	0	0	11	40	62	268
CHB - Faribault, Martin	0	0	1	10	59	61	301
CHB - Isanti, Mille Lacs	5	1	3	14	105	103	360
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	5	1	1	17	58	71	305
CHB - Kanabec, Pine	3	3	6	15	71	82	222
CHB - Kandiyohi, Renville	3	1	4	17	73	85	428
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	4	3	9	13	97	102	607
CHB - LeSueur, Waseca	0	0	3	12	52	47	265
CHB - Meeker, McLeod, Sibley	6	3	6	12	90	82	480
CHB - Mahnomen, Norman, Polk	6	0	5	15	83	70	327
CHB - Morrison, Todd, Wadena	2	2	10	22	118	114	500

Source: Minnesota Department of Health, Center for Health Statistics

For more data on deaths in Minnesota go the Minnesota Vital Statistics Interactive Queries Website:

<https://pqc.health.state.mn.us/mhsq/index.jsp>

For more information on these rates and age adjusting, see the introduction.

**Mortality Table 3: Minnesota Age-Specific Death Rate per 100,000 population in that Age Group by State and County, 2012**

State/County/CHB	Age Group						
	0-4	5-14	15-24	25-44	45-64	65-74	75+
<b>State of Minnesota</b>	115.4	11.4	53.7	97.9	462.1	1,507.2	7,429.0
Aitkin	*	*	*	*	539.8	1,245.9	6,997.3
Anoka	116.0	*	49.4	86.4	442.6	1,443.8	6,225.5
Becker	*	*	*	*	521.9	1,507.1	8,052.9
Beltrami	*	*	*	203.7	673.7	2,030.5	7,959.3
Benton	*	*	*	*	478.0	1,713.8	8,651.5
Big Stone	*	*	*	*	*	*	6,035.7
Blue Earth	*	*	*	*	443.9	1,650.6	7,698.1
Brown	*	*	*	*	423.0	1,367.5	8,176.1
Carlton	*	*	*	*	573.2	2,063.3	8,890.6
Carver	*	*	*	*	287.9	1,149.0	7,163.5
Cass	*	*	*	*	733.9	1,457.3	6,095.1
Chippewa	*	*	*	*	718.8	*	7,900.9
Chisago	*	*	*	*	327.6	1,687.7	7,041.8
Clay	*	*	*	*	516.0	1,786.7	8,180.8
Clearwater	*	*	*	*	1,006.4	*	8,597.9
Cook	*	*	*	*	*	*	5,995.7
Cottonwood	*	*	*	*	*	*	6,936.4
Crow Wing	*	*	*	153.0	638.4	1,371.3	7,322.5
Dakota	129.9	*	72.2	69.6	354.9	1,364.6	6,856.4
Dodge	*	*	*	*	*	*	7,960.2
Douglas	*	*	*	*	501.4	1,533.1	7,987.7
Faribault	*	*	*	*	573.2	2,217.7	8,120.9
Fillmore	*	*	*	*	408.9	1,773.1	7,269.3
Freeborn	*	*	*	*	394.6	1,497.7	7,410.9
Goodhue	*	*	*	*	380.0	1,153.3	8,909.9
Grant	*	*	*	*	*	*	6,543.4
Hennepin	107.9	*	42.5	88.6	458.0	1,502.0	7,414.0
Houston	*	*	*	*	*	1,552.6	6,378.1
Hubbard	*	*	*	*	502.4	1,787.1	5,596.2
Isanti	*	*	*	*	463.8	2,019.5	8,645.4
Itasca	*	*	*	*	656.6	1,829.8	7,811.0
Jackson	*	*	*	*	*	*	6,102.0
Kanabec	*	*	*	*	451.4	1,454.6	6,896.6
Kandiyohi	*	*	*	*	383.8	1,708.7	7,783.4
Kittson	*	*	*	*	*	*	9,140.8
Koochiching	*	*	*	*	532.3	1,534.2	7,625.1
Lac Qui Parle	*	*	*	*	*	*	7,352.9
Lake	*	*	*	*	*	*	7,261.3
Lake of the Woods	*	*	*	*	*	*	8,241.8
Le Sueur	*	*	*	*	426.5	1,263.7	7,274.6
Lincoln	*	*	*	*	*	*	6,723.7
Lyon	*	*	*	*	438.5	1,520.5	7,521.2
McLeod	*	*	*	*	419.6	1,344.7	7,339.1
Mahnomen	*	*	*	*	*	*	7,692.3
Marshall	*	*	*	*	*	*	5,561.5
Martin	*	*	*	*	573.8	1,438.1	6,893.7
Meeker	*	*	*	*	405.0	1,260.9	8,393.4

**Mortality Table 3: Minnesota Age-Specific Death Rate per 100,000 population in that Age Group by State and County, 2012**

State/County/CHB	Age Group						
	0-4	5-14	15-24	25-44	45-64	65-74	75+
<b>State of Minnesota</b>	115.4	11.4	53.7	97.9	462.1	1,507.2	7,429.0
Mille Lacs	*	*	*	*	784.3	1,860.7	8,501.2
Morrison	*	*	*	*	651.3	1,802.4	9,619.0
Mower	*	*	*	*	491.4	1,098.5	7,403.5
Murray	*	*	*	*	*	*	8,229.7
Nicollet	*	*	*	*	544.5	1,519.8	5,838.0
Nobles	*	*	*	*	429.7	1,213.6	7,623.8
Norman	*	*	*	*	*	*	8,785.5
Olmsted	*	*	*	86.3	370.0	1,278.5	6,534.3
Otter Tail	*	*	*	*	509.4	1,343.3	8,019.6
Pennington	*	*	*	*	*	2,162.6	8,990.8
Pine	*	*	*	*	565.2	1,972.1	6,416.1
Pipestone	*	*	*	*	*	*	7,850.5
Polk	*	*	*	*	660.9	1,660.2	8,514.6
Pope	*	*	*	*	*	*	8,124.0
Ramsey	134.6	*	55.5	102.5	556.5	1,584.5	7,525.3
Red Lake	*	*	*	*	*	*	7,758.6
Redwood	*	*	*	*	618.3	1,619.2	8,525.8
Renville	*	*	*	*	613.5	1,678.3	9,376.9
Rice	*	*	*	*	424.6	1,279.5	8,209.5
Rock	*	*	*	*	*	*	9,375.0
Roseau	*	*	*	*	*	*	7,242.3
St. Louis	*	*	*	154.4	640.0	1,902.4	8,556.2
Scott	*	*	*	64.6	311.7	1,327.6	6,737.6
Sherburne	*	*	*	97.3	418.9	1,540.0	7,104.6
Sibley	*	*	*	*	515.1	*	8,048.6
Stearns	*	*	*	79.6	488.2	1,163.5	6,560.0
Steele	*	*	*	*	455.3	1,699.8	6,911.8
Stevens	*	*	*	*	*	*	6,462.2
Swift	*	*	*	*	*	*	5,642.9
Todd	*	*	*	*	418.9	1,617.5	5,840.9
Traverse	*	*	*	*	*	*	8,052.4
Wabasha	*	*	*	*	*	1,462.7	6,424.1
Wadena	*	*	*	*	708.6	1,555.9	8,447.9
Waseca	*	*	*	*	*	*	8,444.2
Washington	*	*	67.4	70.1	339.7	1,352.5	6,786.7
Watonwan	*	*	*	*	*	*	7,517.5
Wilkin	*	*	*	*	*	*	#####
Winona	*	*	*	*	395.7	1,569.5	7,536.2
Wright	*	*	*	80.7	354.8	1,270.7	7,311.3
Yellow Medicine	*	*	*	*	830.7	*	7,068.8
CHB - Aitkin, Itasca, Koochiching	*	*	*	151.9	608.0	1,610.3	7,569.8
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	*	*	*	191.2	639.7	1,880.4	7,291.0
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow	*	*	*	*	635.9	1,804.1	6,883.1

**Mortality Table 3: Minnesota Age-Specific Death Rate per 100,000 population in that Age Group by State and County, 2012**

State/County/CHB	Age Group						
	0-4	5-14	15-24	25-44	45-64	65-74	75+
<b>State of Minnesota</b>	115.4	11.4	53.7	97.9	462.1	1,507.2	7,429.0
CHB - Brown, Nicollet	*	*	*	*	487.4	1,444.2	7,185.5
CHB - Carlton, Cook, Lake, St. Louis	149.3	*	55.3	155.6	612.2	1,879.1	8,458.1
CHB - Cottonwood, Jackson	*	*	*	*	407.1	1,267.6	6,567.3
CHB - Clay, Wilkin	*	*	*	*	490.1	1,683.3	8,765.0
CHB - Douglas, Grant, Pope, Stevens, Traverse	*	*	*	*	517.9	1,474.0	7,667.8
CHB - Dodge, Steele	*	*	*	*	406.7	1,599.6	7,233.8
CHB - Fillmore, Houston	*	*	*	*	340.9	1,669.8	6,868.3
CHB - Faribault, Martin	*	*	*	*	573.5	1,775.8	7,402.9
CHB - Isanti, Mille Lacs	*	*	*	*	590.1	1,950.0	8,575.5
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	*	*	*	*	422.3	1,701.4	7,630.7
CHB - Kanabec, Pine	*	*	*	*	524.2	1,786.1	6,585.6
CHB - Kandiyohi, Renville	*	*	*	*	448.2	1,700.0	8,283.3
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	*	*	*	*	485.4	1,565.9	8,056.8
CHB - LeSueur, Waseca	*	*	*	*	391.4	1,232.3	7,791.8
CHB - Meeker, McLeod, Sibley	*	*	*	*	434.6	1,292.0	7,825.2
CHB - Mahnomon, Norman, Polk	*	*	*	*	695.1	1,857.8	8,480.3
CHB - Morrison, Todd, Wadena	*	*	*	141.7	579.9	1,683.4	8,111.6

**Mortality Table 2: Minnesota 10 Leading Causes of Death  
by State and County, 2012**

State/County/CHB	Number of Deaths									
	Cancer	Heart Disease	Unint. Injury	CLRD	Stroke	Alz. Disease	Dia-betes	Pneu and Influenza	Nephritis	Suicide
<b>State of Minnesota</b>	<b>9,434</b>	<b>7,471</b>	<b>2,356</b>	<b>2,117</b>	<b>2,064</b>	<b>1,440</b>	<b>1,166</b>	<b>675</b>	<b>667</b>	<b>660</b>
Aitkin	48	31	13	11	8	17	6	2	6	3
Anoka	494	262	124	96	81	48	43	18	23	52
Becker	82	52	20	22	14	6	12	1	10	5
Beltrami	85	73	36	23	24	18	20	9	4	8
Benton	69	65	7	14	19	20	10	9	3	4
Big Stone	15	20	2	6	3	2	4	0	5	0
Blue Earth	103	82	17	21	22	23	7	8	10	11
Brown	59	70	7	11	19	12	13	8	5	2
Carlton	77	71	20	18	29	9	19	5	3	5
Carver	118	69	29	11	24	10	10	8	6	14
Cass	75	57	22	18	11	2	11	4	5	3
Chippewa	38	23	9	11	14	7	1	1	1	2
Chisago	75	43	35	20	17	29	11	9	0	9
Clay	115	96	15	18	28	25	8	16	5	9
Clearwater	28	21	4	9	11	5	4	4	1	2
Cook	8	11	4	2	0	0	0	2	0	0
Cottonwood	24	36	9	6	5	1	6	2	5	1
Crow Wing	157	115	33	41	24	7	20	9	10	7
Dakota	556	367	149	119	108	88	71	31	29	45
Dodge	34	38	11	9	5	1	1	4	1	8
Douglas	101	96	14	8	28	10	6	13	1	6
Faribault	40	40	9	17	10	3	6	8	9	0
Fillmore	45	54	12	9	13	4	3	3	3	2
Freeborn	70	68	24	19	15	8	12	3	1	2
Goodhue	108	102	46	19	19	7	14	12	8	6
Grant	17	21	3	1	6	1	5	1	2	2
Hennepin	1,795	1,234	506	398	390	264	244	114	135	132
Houston	35	26	8	6	14	2	3	1	5	3
Hubbard	55	31	10	16	10	4	2	4	3	3
Isanti	80	55	12	17	15	6	6	5	9	3
Itasca	136	102	35	28	31	21	12	22	9	2
Jackson	22	36	4	5	3	2	2	2	0	2
Kanabec	28	25	10	7	8	1	3	1	6	3
Kandiyohi	89	78	22	14	23	15	12	6	9	6
Kittson	12	9	2	8	6	2	4	1	3	0
Koochiching	42	20	11	4	9	10	1	5	9	1
Lac Qui Parle	19	25	12	8	2	1	0	3	0	3
Lake	25	32	8	8	4	7	1	0	7	0
Lake of the Woods	6	12	1	4	2	1	1	4	1	1
Le Sueur	63	44	6	9	7	3	5	8	7	5
Lincoln	19	19	1	6	5	4	2	1	1	1
Lyon	39	53	13	14	15	6	10	5	4	1
McLeod	76	64	15	20	21	5	11	4	3	6
Mahnomen	18	11	3	6	3	1	3	0	0	1
Marshall	19	18	3	4	3	1	9	2	0	1
Martin	48	69	10	10	11	5	4	9	6	3

**Mortality Table 2: Minnesota 10 Leading Causes of Death  
by State and County, 2012**

State/County/CHB	Number of Deaths									
	Cancer	Heart Disease	Unint. Injury	CLRD	Stroke	Alz. Disease	Dia-betes	Pneu and Influenza	Nephritis	Suicide
<b>State of Minnesota</b>	<b>9,434</b>	<b>7,471</b>	<b>2,356</b>	<b>2,117</b>	<b>2,064</b>	<b>1,440</b>	<b>1,166</b>	<b>675</b>	<b>667</b>	<b>660</b>
Meeker	46	57	9	8	13	7	7	5	4	0
Mille Lacs	71	65	11	15	10	7	17	3	3	5
Morrison	88	73	21	22	22	21	15	5	8	8
Mower	86	75	29	19	22	12	10	6	4	6
Murray	25	36	6	7	7	2	2	2	3	4
Nicollet	50	28	7	6	8	10	9	2	6	7
Nobles	35	46	11	15	6	5	5	4	5	2
Norman	25	27	2	5	3	4	3	3	2	0
Olmsted	224	202	77	50	43	33	11	10	8	10
Otter Tail	135	154	33	37	37	56	17	17	12	6
Pennington	29	33	3	14	9	3	3	3	4	4
Pine	76	44	22	14	17	4	10	7	4	4
Pipestone	24	21	10	9	9	8	1	4	2	1
Polk	74	76	15	15	30	23	8	11	6	4
Pope	36	24	5	4	15	7	3	6	1	0
Ramsey	884	686	196	197	198	138	105	63	73	52
Red Lake	6	9	2	4	3	0	1	1	4	2
Redwood	50	48	8	7	12	5	6	6	2	3
Renville	37	43	10	13	14	6	7	0	2	4
Rice	111	95	22	29	29	13	15	10	7	6
Rock	15	28	7	9	10	19	3	0	2	1
Roseau	24	20	7	6	13	7	2	2	1	0
St. Louis	498	461	109	144	91	85	78	29	27	39
Scott	150	93	40	29	24	11	19	3	8	15
Sherburne	106	73	22	22	22	14	9	5	8	17
Sibley	40	30	16	7	7	2	8	2	3	2
Stearns	261	176	56	43	58	30	25	19	13	15
Steele	68	83	23	9	13	5	6	6	2	5
Stevens	21	22	6	1	7	2	0	3	0	0
Swift	26	20	7	4	4	5	2	2	3	0
Todd	49	40	10	6	8	4	6	5	8	4
Traverse	11	12	3	2	1	8	3	1	2	0
Wabasha	49	36	9	8	11	7	4	1	2	1
Wadena	39	40	7	15	9	9	10	3	0	2
Waseca	28	46	8	5	14	4	9	3	4	1
Washington	336	243	76	81	50	85	29	12	24	25
Watonwan	23	28	8	9	8	3	2	5	4	1
Wilkin	11	24	4	6	10	10	3	0	2	0
Winona	109	84	27	22	17	12	6	6	3	4
Wright	168	96	38	40	32	22	27	10	15	12
Yellow Medicine	23	28	5	8	9	8	2	2	2	2
CHB - Aitkin, Itasca, Koochiching	226	153	59	43	48	48	19	29	24	6
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	174	137	51	52	47	28	27	21	9	14

**Mortality Table 2: Minnesota 10 Leading Causes of Death  
by State and County, 2012**

State/County/CHB	Number of Deaths									
	Cancer	Heart Disease	Unint. Injury	CLRD	Stroke	Alz. Disease	Diabetes	Pneu and Influenza	Nephritis	Suicide
<b>State of Minnesota</b>	<b>9,434</b>	<b>7,471</b>	<b>2,356</b>	<b>2,117</b>	<b>2,064</b>	<b>1,440</b>	<b>1,166</b>	<b>675</b>	<b>667</b>	<b>660</b>
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow	121	116	35	37	32	23	9	8	11	7
CHB - Brown, Nicollet	109	98	14	17	27	22	22	10	11	9
CHB - Carlton, Cook, Lake, St. Louis	608	575	141	172	124	101	98	36	37	44
CHB - Cottonwood, Jackson	46	72	13	11	8	3	8	4	5	3
CHB - Clay, Wilkin	126	120	19	24	38	35	11	16	7	9
CHB - Douglas, Grant, Pope, Stevens, Traverse	186	175	31	16	57	28	17	24	6	8
CHB - Dodge, Steele	102	121	34	18	18	6	7	10	3	13
CHB - Fillmore, Houston	80	80	20	15	27	6	6	4	8	5
CHB - Faribault, Martin	88	109	19	27	21	8	10	17	15	3
CHB - Isanti, Mille Lacs	151	120	23	32	25	13	23	8	12	8
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	90	89	17	36	34	13	19	9	12	7
CHB - Kanabec, Pine	104	69	32	21	25	5	13	8	10	7
CHB - Kandiyohi, Renville	126	121	32	27	37	21	19	6	11	10
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	172	205	45	52	58	44	24	18	14	11
CHB - LeSueur, Waseca	91	90	14	14	21	7	14	11	11	6
CHB - Meeker, McLeod, Sibley	162	151	40	35	41	14	26	11	10	8
CHB - Mahnommen, Norman, Polk	117	114	20	26	36	28	14	14	8	5
CHB - Morrison, Todd, Wadena	176	153	38	43	39	34	31	13	16	14

Source: Minnesota Department of Health, Center for Health Statistics

For more data on deaths in Minnesota go the Minnesota Vital Statistics Interactive Queries Website:

<https://pqc.health.state.mn.us/mhsq/index.jsp>

These are the 10 leading causes of death for Minnesota in 2011, the causes may change from year to year and are not necessarily the 10 leading causes of death for each county or CHB.

**2011 Minnesota Major Causes of Death ICD-10 Codes**

Alzheimer's Disease	G30
Cancer [Malignant Neoplasms]	C00-C97
CLRD - Chronic Lower Respiratory Disease	J40-J47
Diabetes	E10-E14
Heart Disease	I00-I09, I11, I13, I20-I51
Nephritis	N00-N07, N17-N19, N25-N27
Pneumonia & Influenza	J10-J18
Stroke [Cerebrovascular Disease]	I60-I69
Suicide	X60-X84, Y87.0
Unintentional Injury	V01-X59, Y85-Y86

**Mortality Table 5: Minnesota Premature Deaths (Under age 75)  
by Number and Age Adjusted Death Rates  
by State and County, 2008-2012**

State/County/CHB	Number of Premature Deaths									
	Cancer	Cirrhosis	CLRD	Dia- betes	Heart Disease	Neph- ritis	Pneu and Influenza	Stroke	Suicide	Unint. Injury
<b>State of Minnesota</b>	<b>24,730</b>	<b>1,764</b>	<b>3,267</b>	<b>2,250</b>	<b>10,545</b>	<b>876</b>	<b>681</b>	<b>2,266</b>	<b>2,924</b>	<b>6,302</b>
Aitkin	129	10	27	12	67	4	3	17	7	39
Anoka	1,566	72	198	125	530	49	30	114	200	375
Becker	217	17	31	25	98	10	8	20	20	59
Beltrami	222	19	36	38	112	12	13	28	27	93
Benton	135	13	26	16	80	6	9	20	25	49
Big Stone	40	2	11	2	23	3	1	4	3	6
Blue Earth	240	16	37	19	106	13	10	23	32	55
Brown	145	6	14	14	55	4	4	9	13	34
Carlton	199	13	28	31	109	9	3	17	30	62
Carver	288	16	26	9	112	8	6	23	40	73
Cass	233	20	31	24	122	10	7	27	11	79
Chippewa	60	4	8	3	33	1	1	6	5	15
Chisago	226	15	36	21	91	6	8	23	36	71
Clay	232	18	28	20	127	13	8	14	32	65
Clearwater	61	3	9	6	39	1	3	7	3	13
Cook	25	3	3	3	12	2	1	2	1	8
Cottonwood	59	8	6	5	34	1	4	4	11	13
Crow Wing	418	24	55	34	189	10	9	39	33	81
Dakota	1,622	103	151	165	544	50	32	145	225	372
Dodge	89	2	9	2	40	0	2	2	25	19
Douglas	200	11	23	8	113	4	10	12	16	37
Faribault	90	6	11	8	48	2	3	6	6	23
Fillmore	104	7	11	5	48	2	4	8	11	35
Freeborn	194	11	24	14	94	3	6	14	18	43
Goodhue	237	14	41	25	98	6	5	18	34	71
Grant	35	2	9	5	21	1	1	2	6	9
Hennepin	4,968	427	602	514	1,852	223	98	507	565	1,290
Houston	88	7	10	11	33	1	5	8	10	25
Hubbard	138	11	28	7	57	10	6	14	16	28
Isanti	205	10	26	12	68	13	5	18	19	46
Itasca	334	15	45	20	191	11	13	31	32	87
Jackson	57	1	8	4	39	2	1	2	8	14
Kanabec	105	5	17	11	51	4	6	12	14	28
Kandiyohi	185	15	28	16	93	8	13	16	22	51
Kittson	41	0	3	3	14	2	0	0	2	5
Koochiching	82	7	8	11	51	3	3	11	9	24
Lac Qui Parle	39	2	4	0	31	1	1	3	7	16
Lake	73	6	12	2	39	5	2	2	8	15



**Mortality Table 5: Minnesota Premature Deaths (Under age 75)  
by Number and Age Adjusted Death Rates  
by State and County, 2008-2012**

State/County/CHB	Number of Premature Deaths									
	Cancer	Cirrhosis	CLRD	Dia- betes	Heart Disease	Neph- ritis	Pneu and Influenza	Stroke	Suicide	Unint. Injury
<b>State of Minnesota</b>	<b>24,730</b>	<b>1,764</b>	<b>3,267</b>	<b>2,250</b>	<b>10,545</b>	<b>876</b>	<b>681</b>	<b>2,266</b>	<b>2,924</b>	<b>6,302</b>
Lake of the Woods	23	2	5	1	15	2	1	2	1	8
Le Sueur	159	6	17	18	69	4	2	7	14	15
Lincoln	30	2	7	3	25	0	1	3	2	10
Lyon	108	6	18	11	58	3	7	13	10	27
McLeod	189	11	19	24	72	5	6	19	25	37
Mahnomen	46	3	11	5	22	0	4	3	3	16
Marshall	50	4	10	3	24	1	2	6	3	11
Martin	107	11	27	9	59	5	2	12	11	27
Meeker	116	9	20	10	44	2	1	11	14	32
Mille Lacs	182	14	20	23	83	5	12	13	17	61
Morrison	174	13	27	14	77	3	3	17	27	63
Mower	185	16	26	14	74	3	6	18	23	44
Murray	38	0	5	4	28	1	1	7	9	13
Nicollet	129	10	10	10	49	2	3	13	18	26
Nobles	72	5	13	10	32	2	2	10	9	29
Norman	42	5	9	8	25	4	2	1	5	12
Olmsted	610	50	64	21	248	10	10	48	73	136
Otter Tail	334	28	56	17	208	4	19	35	31	84
Pennington	64	4	15	7	44	2	5	2	9	25
Pine	184	16	42	15	93	10	5	22	20	62
Pipestone	56	3	9	2	18	1	2	5	4	15
Polk	186	10	35	17	106	7	14	17	16	63
Pope	74	2	8	2	22	3	2	7	5	19
Ramsey	2,353	184	318	245	1,014	119	67	243	257	552
Red Lake	23	0	3	7	19	1	1	3	4	6
Redwood	86	10	7	9	41	3	4	15	9	27
Renville	98	4	9	13	53	3	2	11	16	26
Rice	273	21	38	21	106	7	7	16	33	69
Rock	44	3	11	8	27	1	1	7	5	21
Roseau	64	7	6	7	50	3	2	7	9	17
St. Louis	1,240	139	250	129	640	40	40	104	142	291
Scott	446	26	45	30	138	13	5	36	57	120
Sherburne	347	16	39	18	134	6	10	24	62	90
Sibley	75	4	9	8	37	3	3	5	12	25
Stearns	578	42	72	56	228	11	19	48	93	157
Steele	160	11	11	13	88	3	4	9	21	46
Stevens	46	1	3	0	20	1	2	5	4	13
Swift	57	6	6	4	29	2	2	7	1	22

**Mortality Table 5: Minnesota Premature Deaths (Under age 75)  
by Number and Age Adjusted Death Rates  
by State and County, 2008-2012**

State/County/CHB	Number of Premature Deaths									
	Cancer	Cirrhosis	CLRD	Dia- betes	Heart Disease	Neph- ritis	Pneu and Influenza	Stroke	Suicide	Unint. Injury
<b>State of Minnesota</b>	<b>24,730</b>	<b>1,764</b>	<b>3,267</b>	<b>2,250</b>	<b>10,545</b>	<b>876</b>	<b>681</b>	<b>2,266</b>	<b>2,924</b>	<b>6,302</b>
Todd	140	11	20	10	59	4	3	12	15	47
Traverse	19	0	3	4	18	1	0	2	2	5
Wabasha	109	4	21	5	56	2	3	10	13	32
Wadena	103	1	19	9	50	4	3	7	6	14
Waseca	86	1	3	5	38	4	3	5	7	22
Washington	994	56	98	72	346	34	21	84	117	207
Watonwan	52	2	6	4	38	3	1	10	8	17
Wilkin	29	1	10	6	30	0	2	1	1	7
Winona	245	12	29	16	119	6	9	15	20	63
Wright	458	25	71	47	179	8	11	52	72	123
Yellow Medicine	66	5	7	6	23	1	0	9	5	17
CHB - Aitkin, Itasca, Koochiching	545	32	80	43	309	18	19	59	48	150
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	444	35	78	52	223	25	23	51	47	142
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow	262	19	36	15	139	8	5	29	21	76
CHB - Brown, Nicollet	274	16	24	24	104	6	7	22	31	60
CHB - Carlton, Cook, Lake, St. Louis	1,537	161	293	165	800	56	46	125	181	376
CHB - Cottonwood, Jackson	116	9	14	9	73	3	5	6	19	27
CHB - Clay, Wilkin	261	19	38	26	157	13	10	15	33	72
CHB - Douglas, Grant, Pope, Stevens, Traverse	374	16	46	19	194	10	15	28	33	83
CHB - Dodge, Steele	249	13	20	15	128	3	6	11	46	65
CHB - Fillmore, Houston	192	14	21	16	81	3	9	16	21	60
CHB - Faribault, Martin	197	17	38	17	107	7	5	18	17	50
CHB - Isanti, Mille Lacs	387	24	46	35	151	18	17	31	36	107
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	242	15	37	27	151	9	10	18	27	64

**Mortality Table 5: Minnesota Premature Deaths (Under age 75)  
by Number and Age Adjusted Death Rates  
by State and County, 2008-2012**

State/County/CHB	Number of Premature Deaths									
	Cancer	Cirrhosis	CLRD	Dia- betes	Heart Disease	Neph- ritis	Pneu and Influenza	Stroke	Suicide	Unint. Injury
<b>State of Minnesota</b>	<b>24,730</b>	<b>1,764</b>	<b>3,267</b>	<b>2,250</b>	<b>10,545</b>	<b>876</b>	<b>681</b>	<b>2,266</b>	<b>2,924</b>	<b>6,302</b>
CHB - Kanabec, Pine	289	21	59	26	144	14	11	34	34	90
CHB - Kandiyohi, Renville	283	19	37	29	146	11	15	27	38	77
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	362	24	57	37	197	9	16	50	39	113
CHB - LeSueur, Waseca	245	7	20	23	107	8	5	12	21	37
CHB - Meeker, McLeod, Sibley	380	24	48	42	153	10	10	35	51	94
CHB - Mahnomon, Norman, Polk	274	18	55	30	153	11	20	21	24	91
CHB - Morrison, Todd, Wadena	417	25	66	33	186	11	9	36	48	124

Source: Minnesota Department of Health, Center for Health Statistics

For more data on deaths in go the Minnesota Vital Statistics Interactive Queries Website:

<https://pqg.health.state.mn.us/mhsq/index.jsp>

**Major Causes of Death**

**ICD-10 Codes**

Cancer [Malignant Neoplasms]	C00-C97
Chronic Lower Respiratory Disease	J40-J47
Cirrhosis	K70, K73-K74
Diabetes	E10-E14
Heart Disease	I00-I09, I11, I13, I20-I51
Nephritis	N00-N07, N17-N19, N25-N27
Pneumonia & Influenza	J10-J18
Septicemia	A40-A41
Stroke [Cerebrovascular Disease]	I60-I69
Suicide	X60-X84, Y87.0
Unintentional Injury	V01-X59, Y85-Y86

Five years of data were used because of small numbers of deaths to those under age 75.

This table also limits the causes of death to the top 10 because of small numbers of deaths to those under age 75.

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

For more information on these rates and age adjusting, see the INTRO

\*Rates not calculated for fewer than 20 deaths.

**Mortality Table 5: Minnesota Premature Deaths (Under age 75)  
by Number and Age Adjusted Death Rates  
by State and County, 2008-2012**

State/County/CHB	Age Adjusted Premature Death Rates									
	Cancer	Cirrhosis	CLRD	Dia- betes	Heart Disease	Neph- ritis	Pneu and Influenza	Stroke	Suicide	Unint. Injury
<b>State of Minnesota</b>	<b>90.2</b>	<b>6.3</b>	<b>12.2</b>	<b>8.2</b>	<b>38.5</b>	<b>3.3</b>	<b>2.5</b>	<b>8.4</b>	<b>11.4</b>	<b>24.4</b>
Aitkin	94.4	*	18.0	*	49.7	*	*	*	*	47.1
Anoka	94.8	4.2	12.7	7.5	31.9	3.1	1.9	7.2	12.0	23.1
Becker	109.7	*	14.7	12.2	51.0	*	*	10.7	14.6	40.0
Beltrami	99.2	*	16.1	17.4	50.7	*	*	12.8	12.1	46.3
Benton	77.4	*	15.5	*	45.9	*	*	11.4	13.6	26.5
Big Stone	109.7	*	*	*	59.6	*	*	*	*	*
Blue Earth	89.0	*	14.3	*	38.7	*	*	8.4	11.2	19.3
Brown	96.1	*	*	*	37.4	*	*	*	*	27.2
Carlton	101.6	*	14.3	15.5	55.0	*	*	*	18.1	38.2
Carver	71.1	*	7.5	*	27.8	*	*	6.1	9.2	17.8
Cass	108.6	11.9	13.6	12.0	61.8	*	*	12.7	*	53.9
Chippewa	84.8	*	*	*	44.9	*	*	*	*	*
Chisago	83.2	*	13.8	7.8	33.6	*	*	9.1	14.2	28.3
Clay	89.9	*	11.0	7.6	48.8	*	*	*	11.7	24.1
Clearwater	112.5	*	*	*	73.9	*	*	*	*	*
Cook	59.1	*	*	*	*	*	*	*	*	*
Cottonwood	86.5	*	*	*	48.9	*	*	*	*	*
Crow Wing	104.4	6.7	13.0	8.3	48.1	*	*	9.8	11.6	25.0
Dakota	83.2	5.0	8.4	8.7	28.0	2.7	1.7	7.7	11.5	19.3
Dodge	90.8	*	*	*	41.2	*	*	*	27.0	*
Douglas	86.3	*	9.8	*	49.0	*	*	*	*	22.3
Faribault	97.4	*	*	*	51.0	*	*	*	*	29.9
Fillmore	84.0	*	*	*	39.4	*	*	*	*	34.2
Freeborn	98.3	*	12.0	*	47.6	*	*	*	*	29.4
Goodhue	88.1	*	15.3	9.6	37.3	*	*	*	15.1	32.6
Grant	88.2	*	*	*	58.6	*	*	*	*	*
Hennepin	88.0	7.1	11.2	9.1	32.2	4.1	1.7	9.1	9.8	22.5
Houston	80.5	*	*	*	29.9	*	*	*	*	26.8
Hubbard	96.1	*	18.0	*	40.8	*	*	*	*	30.7
Isanti	101.3	*	13.3	*	33.9	*	*	*	*	24.8
Itasca	109.7	*	14.2	6.7	64.0	*	*	11.1	14.9	40.3
Jackson	90.9	*	*	*	61.1	*	*	*	*	*
Kanabec	103.5	*	*	*	51.2	*	*	*	*	35.3
Kandiyohi	79.7	*	11.7	*	39.9	*	*	*	11.5	25.1
Kittson	135.7	*	*	*	*	*	*	*	*	*
Koochiching	88.9	*	*	*	55.4	*	*	*	*	38.4
Lac Qui Parle	84.2	*	*	*	68.5	*	*	*	*	*
Lake	93.6	*	*	*	51.0	*	*	*	*	*

**Mortality Table 5: Minnesota Premature Deaths (Under age 75)  
by Number and Age Adjusted Death Rates  
by State and County, 2008-2012**

State/County/CHB	Age Adjusted Premature Death Rates									
	Cancer	Cirrhosis	CLRD	Dia- betes	Heart Disease	Neph- ritis	Pneu and Influenza	Stroke	Suicide	Unint. Injury
<b>State of Minnesota</b>	<b>90.2</b>	<b>6.3</b>	<b>12.2</b>	<b>8.2</b>	<b>38.5</b>	<b>3.3</b>	<b>2.5</b>	<b>8.4</b>	<b>11.4</b>	<b>24.4</b>
Lake of the Woods	72.2	*	*	*	*	*	*	*	*	*
Le Sueur	100.5	*	*	*	44.7	*	*	*	*	*
Lincoln	76.8	*	*	*	65.1	*	*	*	*	*
Lyon	87.1	*	*	*	47.6	*	*	*	*	23.3
McLeod	95.3	*	*	12.0	35.9	*	*	*	14.5	21.0
Mahnomen	151.4	*	*	*	73.6	*	*	*	*	*
Marshall	84.9	*	*	*	41.3	*	*	*	*	*
Martin	82.0	*	22.2	*	46.1	*	*	*	*	24.8
Meeker	86.5	*	14.5	*	33.1	*	*	*	*	28.5
Mille Lacs	123.8	*	12.9	16.1	56.6	*	*	*	*	50.0
Morrison	92.3	*	14.2	*	40.6	*	*	*	16.6	40.1
Mower	89.9	*	12.5	*	36.1	*	*	*	13.0	25.9
Murray	66.0	*	*	*	54.7	*	*	*	*	*
Nicollet	79.5	*	*	*	30.2	*	*	*	*	16.3
Nobles	65.1	*	*	*	29.2	*	*	*	*	29.9
Norman	98.1	*	*	*	60.0	*	*	*	*	*
Olmsted	84.2	6.7	9.0	2.9	34.1	*	*	6.6	10.6	19.6
Otter Tail	88.0	8.2	13.4	*	54.5	*	*	9.7	12.5	32.1
Pennington	82.9	*	*	*	58.7	*	*	*	*	38.9
Pine	100.7	*	23.4	*	51.1	*	*	11.7	14.0	44.8
Pipestone	105.2	*	*	*	*	*	*	*	*	*
Polk	107.8	*	19.7	*	61.6	*	*	*	*	43.4
Pope	102.6	*	*	*	32.1	*	*	*	*	*
Ramsey	94.2	7.2	13.2	9.9	40.3	4.9	2.7	9.8	10.4	22.4
Red Lake	94.9	*	*	*	*	*	*	*	*	*
Redwood	90.9	*	*	*	42.8	*	*	*	*	37.9
Renville	108.5	*	*	*	56.1	*	*	*	*	36.7
Rice	88.0	6.9	12.6	7.0	34.3	*	*	*	10.8	22.7
Rock	81.7	*	*	*	50.5	*	*	*	*	46.2
Roseau	75.0	*	*	*	58.6	*	*	*	*	*
St. Louis	108.2	12.6	21.9	11.3	57.1	3.7	3.9	9.1	15.0	30.5
Scott	81.0	4.5	9.2	5.3	24.7	*	*	6.7	9.1	19.2
Sherburne	92.5	*	11.7	*	36.2	*	*	6.7	14.8	21.3
Sibley	89.4	*	*	*	43.9	*	*	*	*	34.1
Stearns	81.0	5.7	10.2	7.8	32.1	*	*	6.9	13.5	21.9
Steele	84.2	*	*	*	46.0	*	*	*	12.2	26.1
Stevens	102.4	*	*	*	43.7	*	*	*	*	*
Swift	96.8	*	*	*	49.0	*	*	*	*	44.2

**Mortality Table 5: Minnesota Premature Deaths (Under age 75)  
by Number and Age Adjusted Death Rates  
by State and County, 2008-2012**

State/County/CHB	Age Adjusted Premature Death Rates									
	Cancer	Cirrhosis	CLRD	Dia- betes	Heart Disease	Neph- ritis	Pneu and Influenza	Stroke	Suicide	Unint. Injury
<b>State of Minnesota</b>	<b>90.2</b>	<b>6.3</b>	<b>12.2</b>	<b>8.2</b>	<b>38.5</b>	<b>3.3</b>	<b>2.5</b>	<b>8.4</b>	<b>11.4</b>	<b>24.4</b>
Todd	93.6	*	12.8	*	41.1	*	*	*	*	40.5
Traverse	*	*	*	*	*	*	*	*	*	*
Wabasha	83.1	*	15.7	*	41.9	*	*	*	*	30.5
Wadena	122.4	*	*	*	66.3	*	*	*	*	*
Waseca	84.7	*	*	*	38.4	*	*	*	*	24.9
Washington	83.0	4.3	8.8	6.2	28.5	3.2	1.8	7.2	10.2	18.1
Watonwan	78.8	*	*	*	58.0	*	*	*	*	*
Wilkin	77.5	*	*	*	77.9	*	*	*	*	*
Winona	97.4	*	11.5	*	47.5	*	*	*	8.6	27.1
Wright	81.7	4.6	13.2	8.4	31.7	*	*	9.6	12.2	21.7
Yellow Medicine	106.3	*	*	*	38.1	*	*	*	*	*
CHB - Aitkin, Itasca, Koochiching	102.2	6.6	14.1	8.0	58.6	*	*	12.0	14.2	41.4
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	98.0	8.4	16.5	11.9	50.5	5.5	5.4	11.3	12.7	40.8
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow	95.1	*	12.5	*	50.4	*	*	10.2	10.0	36.9
CHB - Brown, Nicollet	87.7	*	7.6	7.4	33.6	*	*	6.9	11.5	21.3
CHB - Carlton, Cook, Lake, St. Louis	105.1	11.6	20.1	11.3	55.7	4.0	3.5	8.7	15.0	31.2
CHB - Cottonwood, Jackson	88.6	*	*	*	54.8	*	*	*	*	26.0
CHB - Clay, Wilkin	88.1	*	13.1	8.8	52.8	*	*	*	10.7	24.0
CHB - Douglas, Grant, Pope, Stevens, Traverse	91.1	*	10.8	*	48.4	*	*	7.1	10.9	27.8
CHB - Dodge, Steele	86.4	*	6.9	*	44.3	*	*	*	17.4	23.8
CHB - Fillmore, Houston	82.6	*	8.6	*	34.7	*	*	*	11.1	30.7
CHB - Faribault, Martin	88.4	*	17.6	*	48.2	*	*	*	*	26.8
CHB - Isanti, Mille Lacs	110.4	6.8	13.0	10.1	43.1	*	*	8.8	11.5	34.6
CHB - Kittson, Marshall, Pennington, Red Lake,	87.2	*	13.2	9.5	55.1	*	*	*	12.4	30.4

**Mortality Table 5: Minnesota Premature Deaths (Under age 75)  
by Number and Age Adjusted Death Rates  
by State and County, 2008-2012**

State/County/CHB	Age Adjusted Premature Death Rates									
	Cancer	Cirrhosis	CLRD	Diabetes	Heart Disease	Nephritis	Pneu and Influenza	Stroke	Suicide	Unint. Injury
<b>State of Minnesota</b>	<b>90.2</b>	<b>6.3</b>	<b>12.2</b>	<b>8.2</b>	<b>38.5</b>	<b>3.3</b>	<b>2.5</b>	<b>8.4</b>	<b>11.4</b>	<b>24.4</b>
CHB - Kanabec, Pine	101.7	7.5	21.0	9.0	51.1	*	*	11.6	14.8	41.5
CHB - Kandiyohi, Renville	87.6	*	11.0	8.9	44.6	*	*	8.1	15.1	27.9
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	85.9	5.8	13.4	9.2	47.4	*	*	11.7	12.3	32.2
CHB - LeSueur, Waseca	94.3	*	7.9	8.7	42.0	*	*	*	9.6	17.4
CHB - Meeker, McLeod, Sibley	91.3	5.7	11.3	10.0	36.6	*	*	8.5	14.3	25.9
CHB - Mahnomon, Norman, Polk	111.7	*	22.4	12.7	62.7	*	9.1	8.3	12.5	45.4
CHB - Morrison, Todd, Wadena	98.6	6.2	15.2	7.7	45.5	*	*	8.6	14.7	37.4

Source: Minnesota Department of Health, Center for Health Statistics

For more data on deaths in go the Minnesota Vital Statistics Interactive Queries Website:

<https://pqc.health.state.mn.us/mhsq/index.jsp>

**Major Causes of Death**

**ICD-10 Codes**

Cancer [Malignant Neoplasms]	C00-C97
Chronic Lower Respiratory Disease	J40-J47
Cirrhosis	K70, K73-K74
Diabetes	E10-E14
Heart Disease	I00-I09, I11, I13, I20-I51
Nephritis	N00-N07, N17-N19, N25-N27
Pneumonia & Influenza	J10-J18
Septicemia	A40-A41
Stroke [Cerebrovascular Disease]	I60-I69
Suicide	X60-X84, Y87.0
Unintentional Injury	V01-X59, Y85-Y86

Five years of data were used because of small numbers of deaths to those under age 75.

This table also limits the causes of death to the top 10 because of small numbers of deaths to those under age 75.

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

For more information on these rates and age adjusting, see the INTRO

\*Rates not calculated for fewer than 20 deaths.

## Section D: Morbidity and Utilization

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Table 2: Percent of children age 24-35 months up to date for individual vaccines and a series of those vaccines by county

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**Morbidity Table 2: Percent of children age 24-35 months up to date for individual vaccines and a series of those vaccines by county.**

Data October, 2012, for children with two or more non-influenza shots in MIIC.

Sixty days allowed for data to be in the registry.

County/CHB/State	Percent Saturation	Percent of Children 24 - 35 Months With Recommended Immunizations by V					
	(2+ shots in MIIC)	4+ DTaP	3+ polio	1+ MMR	Completed Hib	3+ Hep B	1+ varicella
<b>Minnesota</b>	<b>93.7</b>	<b>77.4</b>	<b>89.9</b>	<b>87.0</b>	<b>82.3</b>	<b>84.5</b>	<b>85.5</b>
Aitkin	93.3	79.8	93.5	88.7	87.9	90.3	87.9
Anoka	95.4	72.9	89.1	81.8	77.0	84.0	80.1
Becker	95.1	82.7	93.9	90.8	88.1	89.4	88.1
Beltrami	93.6	81.2	93.4	91.4	81.5	89.6	89.4
Benton	96.2	72.7	85.5	86.2	86.1	80.3	86.1
Big Stone	98.2	89.1	94.5	94.5	98.2	92.7	92.7
Blue Earth	98.0	90.8	96.4	92.2	93.6	94.2	92.6
Brown	97.4	90.2	95.6	93.6	91.5	93.6	91.9
Carlton	94.9	82.1	94.3	88.2	85.3	86.5	87.0
Carver	94.7	86.7	93.3	92.1	89.1	87.3	88.9
Cass	92.7	77.5	90.2	89.4	85.6	89.2	87.8
Chippewa	96.6	90.4	96.6	94.5	93.2	95.9	93.2
Chisago	93.4	42.3	85.1	59.1	44.4	81.0	58.4
Clay	96.3	85.3	94.8	93.5	89.2	90.6	92.8
Clearwater	87.5	83.7	92.4	92.4	83.7	87.0	88.0
Cook	94.0	76.6	74.5	78.7	83.0	70.2	72.3
Cottonwood	85.0	75.2	84.5	88.4	81.4	79.1	84.5
Crow Wing	94.6	80.3	92.0	89.7	85.4	90.6	84.8
Dakota	91.9	80.4	90.2	88.6	85.3	84.7	87.5
Dodge	96.2	87.4	95.3	94.9	88.1	92.5	93.7
Douglas	96.9	89.0	95.1	92.6	90.4	90.7	91.7
Faribault	94.2	81.1	89.2	87.8	87.8	90.5	85.1
Fillmore	80.6	80.6	89.0	86.1	78.9	88.6	86.1
Freeborn	95.5	84.5	95.0	88.2	92.0	93.7	87.0
Goodhue	95.2	83.5	91.7	91.2	88.0	56.1	88.5
Grant	95.1	89.6	98.7	94.8	96.1	97.4	93.5
Hennepin	92.3	76.3	87.6	87.1	81.8	80.5	85.6
Houston	88.5	83.6	96.5	89.1	88.6	90.0	86.6
Hubbard	92.6	81.6	94.2	90.6	83.9	87.4	87.9
Isanti	95.9	66.3	91.8	78.6	72.7	86.9	74.7
Itasca	95.0	86.2	96.3	93.1	86.7	94.7	92.2
Jackson	88.7	84.7	91.8	94.1	87.1	92.9	90.6
Kanabec	92.8	76.2	94.6	88.7	86.9	94.0	82.7
Kandiyohi	94.9	83.9	95.1	93.4	89.0	89.0	91.6
Kittson	93.2	85.4	95.1	92.7	87.8	92.7	92.7
Koochiching	90.4	82.8	91.0	92.6	57.4	91.8	90.2
Lac Qui Parle	96.3	93.5	100.0	97.4	96.1	98.7	96.1
Lake	92.4	75.0	89.8	86.1	84.3	83.3	84.3
Lake of the Woods	96.6	85.7	100.0	89.3	89.3	100.0	89.3
LeSueur	88.3	85.4	95.3	92.9	87.5	92.5	91.5
Lincoln	96.2	92.0	100.0	98.0	98.0	100.0	98.0
Lyon	97.4	84.7	93.0	92.5	87.6	88.7	91.7
Mahnomen	95.6	87.2	96.5	96.5	93.0	96.5	95.3
Marshall	97.5	85.5	92.3	92.3	88.0	85.5	91.5
Martin	94.1	82.0	88.3	83.9	74.6	84.4	81.5
McLeod	95.2	82.7	92.0	93.3	87.3	89.0	91.6

**Morbidity Table 2: Percent of children age 24-35 months up to date for individual vaccines and a series of those vaccines by county.**

Data October, 2012, for children with two or more non-influenza shots in MIIC.

Sixty days allowed for data to be in the registry.

County/CHB/State	Percent Saturation	Percent of Children 24 - 35 Months With Recommended Immunizations by V					
	(2+ shots in MIIC)	4+ DTaP	3+ polio	1+ MMR	Completed Hib	3+ Hep B	1+ varicella
Minnesota	93.7	77.4	89.9	87.0	82.3	84.5	85.5
Meeker	92.7	76.2	88.3	87.9	84.1	80.0	85.9
Mille Lacs	94.1	41.3	81.4	61.3	47.9	80.8	60.5
Morrison	95.7	85.2	93.8	93.8	90.4	92.1	91.1
Mower	97.3	76.7	89.3	84.5	82.9	83.1	84.5
Murray	90.2	84.8	94.6	91.3	87.0	91.3	88.0
Nicollet	97.6	92.5	95.5	94.3	95.5	93.3	95.5
Nobles	96.6	77.8	95.0	91.5	86.0	88.0	91.8
Norman	88.9	82.5	93.7	93.7	85.7	93.7	93.7
Olmsted	97.4	85.2	94.0	91.1	86.4	92.3	90.1
Otter Tail	94.9	79.4	93.7	91.3	87.2	88.6	87.8
Pennington	95.5	84.4	95.2	93.0	86.0	92.5	89.2
Pine	96.0	68.1	91.9	78.4	72.3	90.3	76.8
Pipestone	95.4	87.5	93.3	93.3	94.2	98.1	93.3
Polk	92.7	72.8	84.9	87.4	81.8	76.7	85.9
Pope	93.8	86.8	95.6	94.5	90.1	87.9	93.4
Ramsey	93.1	74.1	86.5	86.3	81.3	83.1	84.8
Red Lake	98.4	86.7	95.0	91.7	86.7	88.3	91.7
Redwood	94.1	88.4	96.8	95.2	93.7	92.1	94.2
Renville	97.2	82.2	93.7	91.4	84.5	87.4	90.8
Rice	95.1	80.5	92.2	87.5	85.4	89.7	86.3
Rock	97.1	89.4	95.5	92.4	90.9	95.5	95.5
Roseau	91.5	75.4	92.0	88.6	88.6	89.1	89.1
Scott	94.1	81.7	92.6	91.1	86.5	85.0	89.1
Sherburne	94.1	54.2	85.0	68.7	60.0	79.2	67.3
Sibley	92.8	86.3	91.2	91.8	89.0	87.4	89.0
St. Louis	95.4	81.1	92.2	88.8	82.9	86.8	87.0
Stearns	94.6	72.4	84.5	84.6	84.9	74.6	85.8
Steele	97.5	84.0	93.4	88.2	82.6	91.4	87.2
Stevens	96.7	84.7	96.6	91.5	86.4	93.2	89.8
Swift	94.4	87.3	95.1	94.1	90.2	92.2	92.2
Todd	84.8	74.7	89.6	87.2	83.0	84.4	81.0
Traverse	100.0	100.0	100.0	100.0	100.0	96.0	100.0
Wabasha	94.8	86.1	92.0	89.5	87.3	89.0	91.6
Wadena	90.9	78.2	90.5	84.4	81.6	84.9	79.3
Waseca	98.3	91.4	97.9	95.3	91.4	96.1	95.7
Washington	94.1	79.0	90.6	87.3	83.9	86.5	86.4
Watsonwan	98.7	86.2	96.7	91.4	86.8	92.8	90.1
Wilkin	95.0	86.8	96.1	92.1	90.8	97.4	90.8
Winona	94.8	80.6	92.8	87.8	80.6	86.9	87.4
Wright	93.6	59.2	88.2	74.6	64.2	80.7	72.6
Yellow Medicine	97.5	92.4	95.8	96.6	94.9	94.9	93.2

Source: Minnesota Immunization Information Connection (MIIC), MDH

PCV - pneumococcal conjugate vaccine

Minnesota Public Health Data Access: <https://apps.health.state.mn.us/mndata/immunization>

\*Coverage rates not provided for counties with less than 80% saturation, children born between July 2008 and June 2009

For information on definitions, sources of information, prevention and other information about these or other reportable diseases

**Morbidity Table 2: Percent of children age 24-35 months up to date for individual vaccines and a series of those vaccines by county.**

Data October, 2012, for children with two or more non-influenza shots in MIIC.

Sixty days allowed for data to be in the registry.

	Percent Saturation	Percent of Children 24 - 35 Months With Recommended Immunizations by V					
County/CHB/State	(2+ shots in MIIC)	4+ DTaP	3+ polio	1+ MMR	Completed Hib	3+ Hep B	1+ varicella
Minnesota	93.7	77.4	89.9	87.0	82.3	84.5	85.5

please contact the Infectious Disease Epidemiology Prevention and Control Division at 651/201-5414

accine Type	
PCV	Vaccine Series
79.0	62.3
83.1	68.5
72.0	56.4
90.5	74.5
89.6	66.8
80.3	62.5
90.9	87.3
94.2	84.9
90.8	82.0
86.2	66.8
89.0	73.9
83.2	68.0
90.4	85.6
41.6	33.0
92.4	78.9
90.2	66.3
74.5	51.1
83.7	69.0
85.7	66.8
78.2	60.6
91.7	80.6
90.7	77.9
89.9	73.6
86.1	70.9
92.2	76.9
60.8	42.2
94.8	85.7
79.2	59.7
88.6	74.6
87.4	65.0
75.2	53.0
90.6	76.6
85.9	77.6
89.3	64.3
89.2	78.5
92.7	80.5
87.7	46.7
97.4	90.9
88.0	60.2
85.7	75.0
87.5	73.9
98.0	92.0
87.1	78.8
94.2	82.6
91.5	76.1
82.0	58.5
87.7	73.9

Vaccine Type	
PCV	Vaccine Series
79.0	62.3
80.3	63.1
47.0	35.2
88.4	74.3
83.1	59.9
90.2	79.3
94.8	84.0
86.6	70.0
88.9	82.5
88.7	78.6
89.2	71.0
90.9	76.3
73.2	60.6
89.4	83.7
80.5	59.0
90.1	72.5
68.5	52.4
90.0	76.7
92.6	82.5
86.2	73.6
87.8	69.5
93.9	87.9
86.3	69.7
84.9	66.9
57.6	44.7
89.0	78.6
86.6	66.0
80.5	58.6
86.8	69.8
90.7	80.5
89.2	81.4
82.7	61.6
96.0	92.0
86.1	76.8
82.7	67.6
93.6	82.8
69.5	55.0
88.8	76.3
89.5	81.6
82.1	62.1
64.0	49.2
91.5	86.4

ases,

Vaccine Type	
PCV	Vaccine Series
79.0	62.3

**Morbidity Table 3: Number of Cases of Sexually Transmitted Diseases Reported in Minnesota  
By State and County, 2012**

County/CHB/State	Chlamydia <sup>1</sup>	Gonorrhea <sup>1</sup>	Primary/Secondary Syphilis	Syphilis - All Stages <sup>2</sup>	HIV <sup>3</sup>
<b>State of Minnesota</b>	<b>18,048</b>	<b>3,082</b>	<b>118</b>	<b>335</b>	<b>315</b>
Aitkin	20	2	0	0	0
Anoka	968	139	4	13	10
Becker	63	1	0	0	0
Beltrami	209	31	1	1	1
Benton	98	10	1	2	3
Big Stone	4	0	0	0	0
Blue Earth	262	11	0	3	0
Brown	35	2	0	0	0
Carlton	100	3	0	1	0
Carver	111	16	0	1	1
Cass	74	15	0	0	1
Chippewa	14	1	0	0	0
Chisago	101	10	0	2	1
Clay	190	14	0	0	4
Clearwater	16	2	0	0	0
Cook	6	0	0	0	0
Cottonwood	20	0	0	0	1
Crow Wing	123	4	0	0	1
Dakota	1,003	128	9	22	8
Dodge	59	2	0	0	0
Douglas	55	0	0	0	1
Faribault	20	1	0	0	0
Fillmore	30	1	0	0	0
Freeborn	101	3	0	0	2
Goodhue	112	8	0	1	0
Grant	6	0	0	0	0
Hennepin	5,829	1,545	76	188	180
Houston	28	1	0	0	0
Hubbard	15	2	0	0	0
Isanti	67	4	0	0	0
Itasca	128	11	0	0	1
Jackson	18	4	0	0	1
Kanabec	14	0	0	0	1
Kandiyohi	117	8	0	1	2
Kittson	1	0	0	0	0
Koochiching	20	0	0	0	0
Lac Qui Parle	3	5	0	0	0
Lake	26	2	0	0	1
Lake of the Woods	6	0	0	0	0
Le Sueur	41	3	0	0	0
Lincoln	6	0	0	0	0
Lyon	50	1	0	0	1
McLeod	62	1	0	0	1
Mahnomen	19	0	0	0	0

**Morbidity Table 3: Number of Cases of Sexually Transmitted Diseases Reported in Minnesota  
By State and County, 2012**

County/CHB/State	Chlamydia <sup>1</sup>	Gonorrhea <sup>1</sup>	Primary/Secondary Syphilis	Syphilis - All Stages <sup>2</sup>	HIV <sup>3</sup>
<b>State of Minnesota</b>	<b>18,048</b>	<b>3,082</b>	<b>118</b>	<b>335</b>	<b>315</b>
Aitkin	20	2	0	0	0
Marshall	10	0	0	0	0
Martin	25	1	0	0	0
Meeker	27	1	0	0	0
Mille Lacs	70	3	0	0	0
Morrison	53	3	0	0	0
Mower	90	13	0	1	1
Murray	7	0	0	0	0
Nicollet	75	1	0	1	0
Nobles	46	4	0	0	0
Norman	5	0	0	0	0
Olmsted	460	28	0	3	1
Otter Tail	73	3	0	0	1
Pennington	24	1	0	0	0
Pine	58	1	0	0	1
Pipestone	8	0	0	0	0
Polk	71	3	0	0	0
Pope	11	2	1	1	0
Ramsey	2,696	582	22	67	53
Red Lake	12	2	0	0	0
Redwood	16	1	0	0	0
Renville	24	5	0	0	0
Rice	120	4	0	4	0
Rock	12	0	0	0	0
Roseau	17	1	0	0	0
St. Louis	750	117	0	2	14
Scott	246	25	0	4	5
Sherburne	181	8	0	5	4
Sibley	20	2	0	0	0
Stearns	402	45	0	1	4
Steele	84	3	0	0	0
Stevens	7	0	0	0	0
Swift	8	0	0	0	0
Todd	20	0	0	0	0
Traverse	5	0	0	0	0
Wabasha	57	2	0	0	1
Wadena	8	0	0	0	0
Waseca	39	1	0	1	0
Washington	393	44	2	6	4
Watonwan	33	1	0	0	0
Wilkin	12	1	0	0	0
Winona	136	9	0	0	1
Wright	197	14	2	4	3
Yellow Medicine	15	5	0	0	0
CHB - Aitkin, Itasca, Koochiching	168	13	0	0	1



**Morbidity Table 3: Number of Cases of Sexually Transmitted Diseases Reported in Minnesota By State and County, 2012**

County/CHB/State	Chlamydia <sup>1</sup>	Gonorrhea <sup>1</sup>	Primary/Secondary Syphilis	Syphilis - All Stages <sup>2</sup>	HIV <sup>3</sup>
<b>State of Minnesota</b>	<b>18,048</b>	<b>3,082</b>	<b>118</b>	<b>335</b>	<b>315</b>
Aitkin	20	2	0	0	0
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	246	35	1	1	1
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	44	11	0	0	0
CHB - Brown, Nicollet	110	3	0	1	0
CHB - Carlton, Cook, Lake, St. Louis	882	122	0	3	15
CHB - Cottonwood, Jackson	38	4	0	0	2
CHB - Clay, Wilkin	202	15	0	0	4
CHB - Douglas, Grant, Pope, Stevens, Traverse	84	2	1	1	1
CHB - Dodge, Steele	143	5	0	0	0
CHB - Fillmore, Houston	58	2	0	0	0
CHB - Faribault, Martin	45	2	0	0	0
CHB - Isanti, Mille Lacs	137	7	0	0	0
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	64	4	0	0	0
CHB - Kanabec, Pine	72	1	0	0	2
CHB - Kandiyohi, Renville	141	13	0	1	2
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	99	2	0	0	1
CHB - LeSueur, Waseca	80	4	0	1	0
CHB - Meeker, McLeod, Sibley	109	4	0	0	1
CHB - Mahnomon, Norman, Polk	95	3	0	0	0
CHB - Morrison, Todd, Wadena	81	3	0	0	0

Source: Minnesota Department of Health, STD & HIV Surveillance Systems

<sup>1</sup> Data exclude cases diagnosed in federal or private correctional facilities;  
County data missing for 664 chlamydia cases and 97 gonorrhea cases and 7 syphilis cases

<sup>2</sup>Neurosyphilis, primary, secondary, early latent, late latent, congenital and other syphilis

<sup>3</sup> HIV infection includes all new cases of HIV infection (both HIV (non-AIDS) and AIDS at first diagnosis) among Minnesota residents in 2011.

<sup>^</sup> 4 cases are from an unknown county of residence.

HIV Surveillance Reports, MDH [www.health.state.mn.us/divs/idepc/diseases/hiv/hivstatistics.html](http://www.health.state.mn.us/divs/idepc/diseases/hiv/hivstatistics.html)

STD Surveillance Reports, MDH: [www.health.state.mn.us/divs/idepc/dtopics/stds/stdstatistics.html](http://www.health.state.mn.us/divs/idepc/dtopics/stds/stdstatistics.html)

For information on definitions, sources of information, prevention and other information about these or other reportable diseases, contact the Infectious Disease Epidemiology, Prevention and Control Division at 651/201-5414.

**Morbidity Table 4: Number of Cases of Other Selected Diseases Reported in Minnesota  
By State and County, 2012**

County/CHB/State	Campylo- bacteriosis	Giardiasis	Lyme Disease <sup>1</sup>	Human Anaplasmosis <sup>1</sup>	West Nile <sup>2</sup>	Salmo- nellosis	Shig- ellosis
<b>State of Minnesota</b>	<b>954</b>	<b>633</b>	<b>912</b>	<b>507</b>	<b>70</b>	<b>786</b>	<b>394</b>
Aitkin	2	1	7	18	0	1	1
Anoka	45	13	76	22	1	53	7
Becker	4	2	13	17	0	2	8
Beltrami	6	3	18	32	1	11	23
Benton	14	6	9	4	0	8	15
Big Stone	3	0	1	0	1	0	0
Blue Earth	7	7	1	1	0	7	1
Brown	3	3	1	0	4	9	0
Carlton	4	5	15	12	0	2	0
Carver	12	9	4	0	1	5	5
Cass	6	4	23	15	1	2	9
Chippewa	4	2	0	0	4	2	1
Chisago	7	5	15	4	0	9	2
Clay	2	6	2	3	4	1	1
Clearwater	0	1	0	9	0	0	2
Cook	0	2	0	0	0	0	0
Cottonwood	10	1	0	0	0	27	0
Crow Wing	6	3	35	51	0	7	4
Dakota	55	25	59	11	1	52	14
Dodge	7	2	1	0	0	0	0
Douglas	9	4	5	11	0	1	1
Faribault	2	3	0	0	0	1	0
Fillmore	6	0	5	0	0	2	0
Freeborn	5	6	0	0	0	4	5
Goodhue	19	4	13	2	0	9	2
Grant	2	1	1	0	2	0	0
Hennepin	214	138	95	41	8	185	76
Houston	9	0	19	13	0	1	0
Hubbard	4	2	15	18	0	2	0
Isanti	5	4	8	7	0	4	1
Itasca	2	7	29	24	0	3	2
Jackson	1	0	0	0	1	4	0
Kanabec	0	0	4	4	0	0	0
Kandiyohi	6	8	4	3	0	5	23
Kittson	0	0	0	0	0	0	0
Koochiching	0	3	0	1	0	1	0
Lac Qui Parle	2	0	0	0	2	3	0
Lake	1	1	8	0	0	0	0
Lake of the Woods	2	0	1	0	0	0	0
Le Sueur	4	0	0	1	1	5	0
Lincoln	2	0	0	0	2	5	0
Lyon	9	3	0	0	4	2	0
McLeod	9	4	3	1	0	1	0

**Morbidity Table 4: Number of Cases of Other Selected Diseases Reported in Minnesota  
By State and County, 2012**

County/CHB/State	Campylobacteriosis	Giardiasis	Lyme Disease <sup>1</sup>	Human Anaplasmosis <sup>1</sup>	West Nile <sup>2</sup>	Salmonellosis	Shigellosis
<b>State of Minnesota</b>	<b>954</b>	<b>633</b>	<b>912</b>	<b>507</b>	<b>70</b>	<b>786</b>	<b>394</b>
Mahnomen	1	0	3	3	0	1	10
Marshall	1	0	2	1	0	0	0
Martin	7	1	0	0	0	7	0
Meeker	8	4	2	1	0	2	0
Mille Lacs	14	1	9	3	0	2	5
Morrison	18	2	7	12	0	6	8
Mower	5	13	0	1	0	7	0
Murray	10	2	0	0	3	2	0
Nicollet	6	3	0	0	0	0	1
Nobles	8	5	0	0	0	11	0
Norman	1	0	1	1	0	1	0
Olmsted	25	13	11	10	1	37	0
Otter Tail	16	6	15	8	1	3	0
Pennington	0	0	1	2	0	0	4
Pine	3	1	17	16	0	3	0
Pipestone	4	2	0	0	1	1	0
Polk	3	5	7	2	1	3	0
Pope	4	0	0	0	1	1	0
Ramsey	79	145	75	30	2	83	122
Red Lake	0	0	0	0	0	0	0
Redwood	2	1	0	0	1	7	0
Renville	3	2	1	0	0	4	1
Rice	10	5	2	1	0	4	0
Rock	2	0	1	0	0	2	0
Roseau	0	0	5	0	0	3	0
St. Louis	24	13	54	17	2	13	0
Scott	25	8	13	2	1	19	2
Sherburne	17	6	32	4	0	10	1
Sibley	4	2	0	1	1	2	0
Stearns	34	26	23	14	2	17	5
Steele	10	0	1	1	0	6	1
Stevens	2	0	0	0	3	1	0
Swift	3	3	0	0	2	1	3
Todd	9	3	3	5	0	2	0
Traverse	1	1	0	0	2	1	0
Wabasha	5	0	3	0	0	8	0
Wadena	6	2	5	6	0	1	1
Waseca	3	7	0	1	1	3	0
Washington	29	9	88	26	1	39	18
Watonwan	2	1	1	0	0	7	0
Wilkin	0	0	1	0	0	1	0
Winona	14	2	27	9	0	4	1
Wright	16	8	12	4	0	15	5
Yellow Medicine	6	0	0	1	6	5	0

**Morbidity Table 4: Number of Cases of Other Selected Diseases Reported in Minnesota  
By State and County, 2012**

County/CHB/State	Campylobacteriosis	Giardiasis	Lyme Disease <sup>1</sup>	Human Anaplasmosis <sup>1</sup>	West Nile <sup>2</sup>	Salmonellosis	Shigellosis
<b>State of Minnesota</b>	<b>954</b>	<b>633</b>	<b>912</b>	<b>507</b>	<b>70</b>	<b>786</b>	<b>394</b>
CHB - Aitkin, Itasca, Koochiching	4	11	36	43	0	5	3
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	12	6	34	59	1	13	25
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	18	5	1	1	15	11	4
CHB - Brown, Nicollet	9	6	1	0	4	9	1
CHB - Carlton, Cook, Lake, St. Louis	29	21	77	29	2	15	0
CHB - Cottonwood, Jackson	11	1	0	0	1	31	0
CHB - Clay, Wilkin	2	6	3	3	4	2	1
CHB - Douglas, Grant, Pope, Stevens, Traverse	18	6	6	11	8	4	1
CHB - Dodge, Steele	17	2	2	1	0	6	1
CHB - Fillmore, Houston	15	0	24	13	0	3	0
CHB - Faribault, Martin	9	4	0	0	0	8	0
CHB - Isanti, Mille Lacs	19	5	17	10	0	6	6
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	1	0	8	3	0	3	4
CHB - Kanabec, Pine	3	1	21	20	0	3	0
CHB - Kandiyohi, Renville	9	10	5	3	0	9	24
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	29	8	1	0	11	19	0
CHB - LeSueur, Waseca	7	7	0	2	2	8	0
CHB - Meeker, McLeod, Sibley	21	10	5	3	1	5	0
CHB - Mahnommen, Norman, Polk	5	5	11	6	1	5	10
CHB - Morrison, Todd, Wadena	33	7	15	23	0	9	9

Source: Minnesota Department of Health, Acute Disease Epidemiology

<sup>1</sup>Lyme disease and human anaplasmosis are caused by bites from blacklegged ticks (deer ticks), which are found in wooded areas of north-central, eastern, and southeastern Minnesota and western Wisconsin. Most Minnesotans with Lyme disease or HA lived or traveled to these areas.

County of residence does not always indicate county of tick exposure.

<sup>2</sup>West Nile virus disease is caused by bites from Culex tarsalis mosquitoes. These mosquitoes can be found anywhere in Minnesota, but risk is greatest in agricultural areas of western and central Minnesota.

County of residence does not always indicate county of mosquito exposure.

For more information on tick- and mosquito-borne diseases, please refer to the MDH Vector-borne Diseases

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**Morbidity Table 5: Number and Rate of Children Under 18 Arrested for Serious Crimes  
2009-2011**

County/CHB/State	Number			Rate per 1,000 Children 10-17 yrs		
	2009	2010	2011	2009 Rate	2010 Rate	2011 Rate
<b>State of Minnesota</b>	<b>11,351</b>	<b>9,669</b>	<b>8,957</b>	<b>20.5</b>	<b>16.9</b>	<b>15.7</b>
Aitkin	5	4	3	*	*	*
Anoka	830	629	632	21.2	15.8	16.0
Becker	48	69	21	14.1	19.6	5.9
Beltrami	165	117	88	34.8	25.1	18.3
Benton	28	8	13	6.8	*	*
Big Stone	0	6	4	*	*	*
Blue Earth	303	245	206	63.4	47.8	40.1
Brown	18	13	13	*	*	*
Carlton	28	18	44	7.5	*	11.9
Carver	190	131	118	15.6	10.4	9.2
Cass	5	10	4	*	*	*
Chippewa	31	13	0	22.8	*	*
Chisago	98	109	37	15.7	16.3	5.6
Clay	39	56	39	7.0	9.5	6.7
Clearwater	10	10	16	*	*	*
Cook	0	1	4	*	*	*
Cottonwood	19	13	8	*	*	*
Crow Wing	121	72	101	19.8	11.5	16.3
Dakota	958	617	601	20.6	12.8	12.6
Dodge	6	7	8	*	*	*
Douglas	54	76	45	15.9	21.9	13.1
Faribault	6	28	8	*	18.0	*
Fillmore	2	4	0	*	*	*
Freeborn	43	44	56	14.2	14.4	18.5
Goodhue	46	45	44	9.0	8.9	8.8
Grant	0	4	3	*	*	*
Hennepin	3,257	2,874	2,949	30.1	25.5	26.1
Houston	7	2	13	*	*	*
Hubbard	42	30	23	23.2	14.8	11.6
Isanti	15	12	27	*	*	6.0
Itasca	4	0	0	*	*	*
Jackson	10	0	2	*	*	*
Kanabec	21	29	25	11.5	16.0	14.1
Kandiyohi	136	108	75	31.2	24.2	17.2
Kittson	0	0	0	*	*	*
Koochiching	14	6	0	*	*	*
Lac Qui Parle	0	5	0	*	*	*
Lake	10	5	1	*	*	*
Lake of the Woods	0	0	0	*	*	*
Le Sueur	28	15	9	8.8	*	*
Lincoln	0	0	0	*	*	*
Lyon	75	76	73	28.7	28.1	27.1
McLeod	75	100	35	18.1	23.9	8.6



**Morbidity Table 5: Number and Rate of Children Under 18 Arrested for Serious Crimes  
2009-2011**

County/CHB/State	Number			Rate per 1,000 Children 10-17 yrs		
	2009	2010	2011	2009 Rate	2010 Rate	2011 Rate
<b>State of Minnesota</b>	<b>11,351</b>	<b>9,669</b>	<b>8,957</b>	<b>20.5</b>	<b>16.9</b>	<b>15.7</b>
Mahnomen	2	0	1	*	*	*
Marshall	6	7	2	*	*	*
Martin	34	29	32	15.7	13.4	15.1
Meeker	11	16	12	*	*	*
Mille Lacs	21	24	43	7.1	8.1	14.7
Morrison	4	2	3	*	*	*
Mower	98	84	85	24.1	19.7	19.8
Murray	0	0	0	*	*	*
Nicollet	20	13	16	6.7	*	*
Nobles	87	30	31	38.1	12.9	13.5
Norman	0	0	0	*	*	*
Olmsted	403	336	254	27.5	21.9	16.5
Otter Tail	48	59	43	8.3	10.0	7.5
Pennington	15	6	31	*	*	21.4
Pine	144	34	19	51.3	11.2	*
Pipestone	2	3	0	*	*	*
Polk	32	36	70	9.6	10.5	21.1
Pope	0	3	1	*	*	*
Ramsey	1,596	1,492	1,402	32.9	29.0	27.5
Red Lake	1	0	1	*	*	*
Redwood	13	8	13	*	*	*
Renville	4	3	10	*	*	*
Rice	95	90	49	14.6	13.0	7.2
Rock	0	0	0	*	*	*
Roseau	15	1	15	*	*	*
St. Louis	396	324	264	22.7	18.1	15.1
Scott	195	153	149	12.0	9.0	8.6
Sherburne	87	108	66	7.7	9.4	5.7
Sibley	0	0	0	*	*	*
Stearns	457	433	426	31.0	27.9	27.8
Steele	70	85	38	16.2	19.7	8.9
Stevens	1	3	5	*	*	*
Swift	20	7	5	19.6	*	*
Todd	19	7	6	*	*	*
Traverse	5	3	0	*	*	*
Wabasha	12	17	2	*	*	*
Wadena	17	17	10	*	*	*
Waseca	18	17	17	*	*	*
Washington	309	279	264	10.8	9.2	8.7
Watonwan	32	15	10	25.4	*	*
Wilkin	11	9	2	*	*	*
Winona	90	63	40	20.8	13.7	8.9
Wright	213	239	166	14.3	15.1	10.4
Yellow Medicine	2	3	4	*	*	*

**Morbidity Table 5: Number and Rate of Children Under 18 Arrested for Serious Crimes  
2009-2011**

County/CHB/State	Number			Rate per 1,000 Children 10-17 yrs		
	2009	2010	2011	2009 Rate	2010 Rate	2011 Rate
<b>State of Minnesota</b>	<b>11,351</b>	<b>9,669</b>	<b>8,957</b>	<b>20.5</b>	<b>16.9</b>	<b>15.7</b>
CHB - Aitkin, Itasca, Koochiching	23	10	3	3.2	*	*
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	217	157	127	27.9	19.6	15.7
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	53	34	13	11.3	7.0	*
CHB - Brown, Nicollet	38	26	29	6.7	4.5	5.1
CHB - Carlton, Cook, Lake, St. Louis	434	348	313	19.2	15.1	13.9
CHB - Cottonwood, Jackson	29	13	10	12.1	*	*
CHB - Clay, Wilkin	50	65	41	8.0	9.7	6.1
CHB - Douglas, Grant, Pope, Stevens, Traverse	60	89	54	9.6	14.0	8.6
CHB - Dodge, Steele	76	92	46	11.1	13.1	6.6
CHB - Fillmore, Houston	9	6	13	*	*	*
CHB - Faribault, Martin	40	57	40	10.7	15.3	11.0
CHB - Isanti, Mille Lacs	36	36	70	4.7	4.8	9.4
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	37	14	49	7.0	*	9.1
CHB - Kanabec, Pine	165	63	44	35.6	13.0	9.3
CHB - Kandiyohi, Renville	140	111	85	22.9	17.8	14.1
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	90	87	86	11.4	10.6	10.6
CHB - LeSueur, Waseca	46	32	26	8.7	6.1	4.9
CHB - Meeker, McLeod, Sibley	86	116	47	10.2	13.5	5.6
CHB - Mahnomen, Norman, Polk	34	36	71	7.2	7.4	14.9
CHB - Morrison, Todd, Wadena	40	26	19	5.1	3.2	*

**Definitions:** Children under 18 arrested for Part I crimes: murder, rape, robbery, aggravated assault, burglary, larceny, vehicle theft and arson. Not all children arrested for serious crimes committed these crimes, and some children are not arrested for crimes that they actually committed.

The rate per 1,000 is the total number of children arrested for Part I crimes divided by the estimated number of children ages 10-17 multiplied by 1,000. These rates are useful for comparison purposes and trends, but may be low because of the inclusion of children in the younger age ranges and the inclusion of girls, both of whom have few arrests.

**Data Source:** Minnesota Bureau of Criminal Apprehension.

<http://www.bca.state.mn.us/bca.asp>

Data accessed from Kids Count, Data Center

<http://datacenter.kidscount.org>

Rates are not given 10 pr less events.

**Morbidity Table 9: Asthma Hospitalizations: Age-adjusted Rates per 10,000  
By State and County, 2009-2011**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	Rate <sup>1</sup>	
<b>Minnesota</b>	<b>15,929,989</b>	<b>10,958</b>	<b>6.8</b>	<b>6.6 - 6.9</b>
Aitkin	97,180	33	3.1	2.1 - 4.6
Anoka	1,987,238	692	3.7	3.4 - 3.9
Becker	195,378	51	2.4	1.7 - 3.1
Beltrami	267,864	79	2.7	2.1 - 3.4
Benton	231,080	142	6.1	5.1 - 7.1
Big Stone	31,584	6	1.7 (UR)	0.5 - 3.9
Blue Earth	383,924	79	2.2	1.7 - 2.8
Brown	155,034	39	1.9	1.3 - 2.6
Carlton	212,220	78	3.5	2.8 - 4.4
Carver	547,844	129	2.5	2.0 - 2.9
Cass	170,880	55	2.9	2.1 - 3.8
Chippewa	74,240	24	3.1	1.9 - 4.7
Chisago	322,658	105	3.2	2.6 - 3.8
Clay	354,306	74	2.1	1.6 - 2.7
Clearwater	52,228	17	2.7 (UR)	1.6 - 4.4
Cook	31,194	7	2.0 (UR)	0.7 - 4.4
Cottonwood	70,010	10	0.9 (UR)	0.4 - 1.8
Crow Wing	375,140	122	3	2.5 - 3.6
Dakota	2,394,928	687	2.9	2.6 - 3.1
Dodge	120,502	27	2.2	1.4 - 3.2
Douglas	216,514	46	2	1.5 - 2.7
Faribault	87,424	20	2.1 (UR)	1.3 - 3.4
Fillmore	125,326	24	1.6	1.0 - 2.4
Freeborn	187,480	49	2.3	1.7 - 3.1
Goodhue	276,870	82	2.5	2.0 - 3.1
Grant	36,058	9	2.4 (UR)	1.0 - 4.7
Hennepin	6,935,154	3,240	4.7	4.5 - 4.9
Houston	113,988	3	0.2 (UR)	0.0 - 0.6
Hubbard	122,240	20	1.3 (UR)	0.8 - 2.0
Isanti	227,816	79	3.5	2.7 - 4.3
Itasca	270,316	70	2.4	1.8 - 3.0
Jackson	61,488	14	2.1 (UR)	1.1 - 3.6
Kanabec	97,404	44	4.3	3.1 - 5.8
Kandiyohi	252,940	72	2.6	2.0 - 3.3
Kittson	27,256	1-5*	*	
Koochiching	79,600	10	1.1 (UR)	0.5 - 2.1
Lac Qui Parle	43,508	20	3.3 (UR)	1.8 - 5.4
Lake	65,124	12	2.1 (UR)	1.0 - 3.8
Lake of the Woods	24,190	6	2.1 (UR)	0.7 - 4.7
Le Sueur	166,178	39	2.2	1.6 - 3.1
Lincoln	35,216	15	4.3 (UR)	2.3 - 7.4
Lyon	155,032	46	3	2.2 - 4.1
McLeod	219,490	74	3	2.3 - 3.8

**Morbidity Table 9: Asthma Hospitalizations: Age-adjusted Rates per 10,000  
By State and County, 2009-2011**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	Rate <sup>1</sup>	
<b>Minnesota</b>	<b>15,929,989</b>	<b>10,958</b>	<b>6.8</b>	<b>6.6 - 6.9</b>
Mahnomen	32,452	15	3.8 (UR)	2.1 - 6.4
Marshall	56,796	16	2.8 (UR)	1.5 - 4.7
Martin	124,638	35	2.9	2.0 - 4.1
Meeker	139,726	30	2	1.3 - 2.9
Mille Lacs	156,406	81	4.9	3.9 - 6.1
Morrison	199,166	70	3.4	2.6 - 4.3
Mower	235,070	76	3	2.4 - 3.8
Murray	52,252	15	2.3 (UR)	1.2 - 4.1
Nicollet	196,186	35	1.9	1.3 - 2.6
Nobles	128,186	28	1.9	1.3 - 2.8
Norman	41,072	1-5*	*	
Olmsted	867,076	244	2.8	2.4 - 3.1
Otter Tail	343,776	90	2.6	2.1 - 3.3
Pennington	83,750	28	2.9	1.8 - 4.2
Pine	178,018	57	3.1	2.3 - 4.0
Pipestone	57,442	16	2.2 (UR)	1.2 - 3.7
Polk	188,958	67	3.2	2.5 - 4.2
Pope	65,846	24	2.9	1.8 - 4.5
Ramsey	3,059,852	1,335	4.5	4.3 - 4.8
Red Lake	24,648	8	3.5 (UR)	1.4 - 7.0
Redwood	96,084	39	3.4	2.3 - 4.7
Renville	94,124	43	4	2.8 - 5.5
Rice	384,820	150	4	3.4 - 4.7
Rock	57,906	19	2.2 (UR)	1.3 - 3.5
Roseau	94,010	14	1.4 (UR)	0.8 - 2.4
St. Louis	1,201,358	445	3.8	3.4 - 4.1
Scott	782,028	235	3.2	2.7 - 3.6
Sherburne	531,396	117	2.4	1.9 - 2.8
Sibley	91,070	18	1.8 (UR)	1.0 - 2.8
Stearns	903,362	372	4.2	3.8 - 4.7
Steele	219,588	54	2.4	1.8 - 3.2
Stevens	58,292	37	6.2	4.3 - 8.6
Swift	58,500	20	2.6 (UR)	1.5 - 4.2
Todd	149,140	14	0.8 (UR)	0.4 - 1.3
Traverse	21,362	1-5*	*	
Wabasha	130,020	31	2.1	1.4 - 3.0
Wadena	82,834	46	5.3	3.9 - 7.1
Waseca	114,096	35	2.9	2.0 - 4.1
Washington	1,430,200	305	2.2	1.9 - 2.4
Watonwan	67,166	11	1.3 (UR)	0.6 - 2.4
Wilkin	39,462	10	2.2 (UR)	1.0 - 4.0
Winona	308,522	32	1	0.7 - 1.4
Wright	748,914	155	2	1.7 - 2.4
Yellow Medicine	62,364	23	3.6	2.3 - 5.5

**Morbidity Table 9: Asthma Hospitalizations: Age-adjusted Rates per 10,000  
By State and County, 2009-2011**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	Rate <sup>1</sup>	
<b>Minnesota</b>	<b>15,929,989</b>	<b>10,958</b>	<b>6.8</b>	<b>6.6 - 6.9</b>
CHB - Aitkin, Itasca, Koochiching	447,096	113	2.3	1.8 - 2.7
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	466,522	122	2.2	1.8 - 2.6
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	270,196	93	3.0	2.4 - 3.8
CHB - Brown, Nicollet	351,220	74	1.9	1.5 - 2.4
CHB - Carlton, Cook, Lake, St. Louis	1,509,896	542	3.6	3.3 - 3.9
CHB - Cottonwood, Jackson	131,498	24	1.5	0.9 - 2.3
CHB - Clay, Wilkin	393,768	84	2.1	1.7 - 2.6
CHB - Douglas, Grant, Pope, Stevens, Traverse	398,072	120	2.7	2.2 - 3.3
CHB - Dodge, Steele	340,090	81	2.3	1.9 - 2.9
CHB - Fillmore, Houston	239,314	27	0.9	0.6 - 1.4
CHB - Faribault, Martin	212,062	55	2.6	1.9 - 3.4
CHB - Isanti, Mille Lacs	384,222	160	4.0	3.4 - 4.7
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	286,460	70	2.2	1.7 - 2.8
CHB - Kanabec, Pine	275,422	101	3.5	2.8 - 4.2
CHB - Kandiyohi, Renville	347,064	115	2.9	2.4 - 3.5
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	453,932	150	2.9	2.4 - 3.4
CHB - LeSueur, Waseca	280,274	74	2.5	2.0 - 3.2
CHB - Meeker, McLeod, Sibley	450,286	122	2.4	2.0 - 2.9
CHB - Mahnomon, Norman, Polk	262,482	87	3.0	2.4 - 3.7
CHB - Morrison, Todd, Wadena	431,140	130	2.8	2.3 - 3.3

Source: Minnesota Department of Health, Public Health Data Access Network

(extracted from Minnesota Hospital Discharge Data, which is maintained by the Minnesota Hospital Association)

<https://apps.health.state.mn.us/mndata/asthma>

<sup>1</sup>Age adjusted to the 2000 US Standard Population

For more information about age adjusted rates, confidence intervals and hospitalization data go to:

[https://apps.health.state.mn.us/mndata/asthma\\_metadata](https://apps.health.state.mn.us/mndata/asthma_metadata)

UR = Unstable Rate. Rates based on numerators less than or equal to 20 may be unstable and should be interpreted with caution.

\* To protect an individual's privacy, hospitalizations and ED visit counts from 1 to 5 are suppressed if the underlying population is less than or equal to 100,000.

These data include inpatient hospitalizations of Minnesota residents who were discharged from hospitals in Minnesota and the bordering states of North Dakota, South Dakota and Iowa from 2005 - 2010.

Minnesota residents who seek care at Wisconsin hospitals are not included in this analysis; therefore, hospitalization rates for counties bordering Wisconsin may be underestimated. These data do not include hospitalizations from Veterans Affairs or Indian Health Service hospitals.

A confidence interval for a rate is a measure of reliability. In this analysis, 95% confidence intervals were calculated. 95% confidence intervals is the interval within which the true value of the rate would be expected to fall 95 times out of 100. When the number of events is fewer than 100, the 95% confidence interval is calculated based on the inverse gamma distribution in this analysis. When the number of events is 100 or greater, the 95% confidence interval is calculated based on normal approximation.

**Morbidity Table 10: Heart Attack Hospitalizations: Age-adjusted Rates per 10,000  
for 35 years of age and older  
By State and County, 2009-2011**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	Rate <sup>1</sup>	
<b>Minnesota</b>	<b>8,420,125</b>	<b>24,901</b>	<b>27.7</b>	<b>27.3 -28.0</b>
Aitkin	67,498	202	26.6	19.6 - 26.6
Anoka	1,049,382	1,099	12.4	10.9 - 12.4
Becker	112,812	299	25.3	20.0 - 25.3
Beltrami	129,238	295	23.1	18.3 - 23.1
Benton	112,900	170	15.6	11.4 - 15.6
Big Stone	20,326	74	29.2	17.6 - 29.2
Blue Earth	167,922	311	17.9	14.2 - 17.9
Brown	90,338	200	19.4	14.5 - 19.4
Carlton	121,042	201	17.1	12.9 - 17.1
Carver	283,340	312	15	11.9 - 15.0
Cass	107,366	301	26.6	21.0 - 26.6
Chippewa	43,350	94	20.2	13.0 - 20.2
Chisago	178,360	344	22.3	18.0 - 22.3
Clay	162,702	254	15.7	12.2 - 15.7
Clearwater	30,238	58	21	12.2 - 21.0
Cook	21,314	30	17.7	8.2 - 17.7
Cottonwood	41,824	82	19	11.7 - 19.0
Crow Wing	218,004	598	24.3	20.6 - 24.3
Dakota	1,253,620	1,473	13.5	12.1 - 13.5
Dodge	62,752	66	13.1	7.9 - 13.1
Douglas	126,836	194	14	10.4 - 14.0
Faribault	53,572	134	22	15.3 - 22.0
Fillmore	73,396	106	12.1	8.1 - 12.1
Freeborn	112,906	276	21	16.4 - 21.0
Goodhue	160,574	295	17.1	13.5 - 17.1
Grant	22,242	53	23.9	13.1 - 23.9
Hennepin	3,551,278	4,163	11.8	11.1 - 11.8
Houston	68,234	1-5*	*	
Hubbard	76,968	123	15.7	10.9 - 15.7
Isanti	121,302	134	12.6	8.9 - 12.6
Itasca	165,630	466	25.3	20.9 - 25.3
Jackson	36,974	85	20.6	13.1 - 20.6
Kanabec	57,212	117	21.7	14.9 - 21.7
Kandiyohi	138,836	225	14.7	11.2 - 14.7
Kittson	17,704	36	19.0	9.4 - 19.0
Koochiching	50,514	129	25.3	17.6 - 25.3
Lac Qui Parle	28,280	54	17.1	9.7 - 17.1
Lake	42,240	90	20.2	12.9 - 20.2
Lake of the Woods	16,006	45	30.3	16.4 - 30.3
Le Sueur	92,782	130	15.8	11.1 - 15.8
Lincoln	21,810	42	21.3	10.6 - 21.3
Lyon	76,392	116	14.5	9.9 - 14.5
McLeod	121,242	227	18.5	14.2 - 18.5

**Morbidity Table 10: Heart Attack Hospitalizations: Age-adjusted Rates per 10,000  
for 35 years of age and older  
By State and County, 2009-2011**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	Rate <sup>1</sup>	
<b>Minnesota</b>	<b>8,420,125</b>	<b>24,901</b>	<b>27.7</b>	<b>27.3 -28.0</b>
Mahnomen	16,902	62	39.2	23.0 - 39.2
Marshall	34,088	62	17.8	10.5 - 17.8
Martin	76,004	220	24.3	18.4 - 24.3
Meeker	79,786	119	14.8	10.2 - 14.8
Mille Lacs	86,438	239	27.1	20.9 - 27.1
Morrison	111,824	175	15.5	11.4 - 15.5
Mower	128,606	257	17.1	13.2 - 17.1
Murray	32,658	48	15.4	8.3 - 15.4
Nicollet	95,880	157	17.7	12.8 - 17.7
Nobles	67,796	143	20.3	14.4 - 20.3
Norman	24,980	44	18.7	9.5 - 18.7
Olmsted	448,074	473	10.8	9.0 - 10.8
Otter Tail	212,536	495	19.2	15.9 - 19.2
Pennington	46,024	91	20.1	13.0 - 20.1
Pine	103,846	219	21.4	16.3 - 21.4
Pipestone	33,384	68	19.8	11.8 - 19.8
Polk	104,176	186	17	12.6 - 17.0
Pope	40,742	79	18.7	11.5 - 18.7
Ramsey	1,513,434	2,170	13.8	12.6 - 13.8
Red Lake	14,156	23	20.6	8.5 - 20.6
Redwood	55,930	97	15.5	10.1 - 15.5
Renville	56,632	119	19.5	13.4 - 19.5
Rice	192,864	275	14.7	11.6 - 14.7
Rock	33,236	79	23.4	14.5 - 23.4
Roseau	53,632	90	18.9	12.2 - 18.9
St. Louis	673,700	1,397	18.3	16.4 - 18.3
Scott	388,712	431	15.7	12.8 - 15.7
Sherburne	258,280	283	14.2	11.1 - 14.2
Sibley	51,350	92	18.5	12.1 - 18.5
Stearns	434,656	515	11.8	9.9 - 11.8
Steele	118,884	219	18.1	13.8 - 18.1
Stevens	28,516	72	24.2	14.7 - 24.2
Swift	35,440	70	18.6	11.1 - 18.6
Todd	85,356	89	11.4	7.3 - 11.4
Traverse	13,612	30	22.7	9.9 - 22.7
Wabasha	77,154	96	12.6	8.3 - 12.6
Wadena	48,754	105	19.7	13.2 - 19.7
Waseca	63,078	113	18.2	12.4 - 18.2
Washington	773,850	943	14.2	12.4 - 14.2
Watsonwan	38,116	59	14.9	8.5 - 14.9
Wilkin	23,516	42	19.2	10.0 - 19.2
Winona	148,686	162	10.8	7.8 - 10.8
Wright	371,144	401	13.2	10.8 - 13.2
Yellow Medicine	36,560	85	22.8	14.3 - 22.8

**Morbidity Table 10: Heart Attack Hospitalizations: Age-adjusted Rates per 10,000  
for 35 years of age and older  
By State and County, 2009-2011**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	Rate <sup>1</sup>	
<b>Minnesota</b>	<b>8,420,125</b>	<b>24,901</b>	<b>27.7</b>	<b>27.3 -28.0</b>
CHB - Aitkin, Itasca, Koochiching	283,642	797	22.7	21.0 - 24.3
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	252,450	521	18.1	16.5 - 19.7
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	163,956	377	16.8	15.0 - 18.6
CHB - Brown, Nicollet	186,218	357	16.1	14.4 - 17.8
CHB - Carlton, Cook, Lake, St. Louis	858,296	1,718	16.9	16.0 - 17.7
CHB - Cottonwood, Jackson	78,798	167	15.7	13.2 - 18.3
CHB - Clay, Wilkin	186,218	296	14.0	12.4 - 15.6
CHB - Douglas, Grant, Pope, Stevens, Traverse	231,948	428	14.1	12.7 - 15.5
CHB - Dodge, Steele	181,636	285	14.2	12.5 - 15.9
CHB - Fillmore, Houston	141,630	110	5.6	4.5 - 6.7
CHB - Faribault, Martin	129,576	354	20.3	18.0 - 22.5
CHB - Isanti, Mille Lacs	207,740	373	16.6	14.9 - 18.3
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	165,604	302	14.9	13.2 - 16.6
CHB - Kanabec, Pine	161,058	336	18.6	16.6 - 20.7
CHB - Kandiyohi, Renville	195,468	344	14.0	12.5 - 15.5
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	253,410	450	13.6	12.3 - 14.9
CHB - LeSueur, Waseca	155,860	243	14.4	12.5 - 16.2
CHB - Meeker, McLeod, Sibley	252,378	438	14.9	13.5 - 16.3
CHB - Mahnomen, Norman, Polk	146,058	292	16.4	14.4 - 18.3
CHB - Morrison, Todd, Wadena	245,934	369	12.5	11.2 - 13.8

Source: Minnesota Department of Health, Public Health Data Access Network  
(extracted from Minnesota Hospital Discharge Data, which is maintained by the Minnesota Hospital Association)  
<https://apps.health.state.mn.us/mndata/mci>

<sup>1</sup>Age adjusted to the 2000 US Standard Population, ages 35 and older

For more information about age adjusted rates, confidence intervals and hospitalization data go to:

[https://apps.health.state.mn.us/mndata/heart\\_metadata](https://apps.health.state.mn.us/mndata/heart_metadata)

UR = Unstable Rate. Rates based on numerators less than or equal to 20 may be unstable and should be interpreted with caution.

\* To protect an individual's privacy, hospitalizations and ED visit counts from 1 to 5 are suppressed if the underlying population is less than or equal to 100,000.

These data include inpatient hospitalizations of Minnesota residents who were discharged from hospitals in Minnesota and the bordering states of North Dakota, South Dakota and Iowa from 2005 - 2010.

Minnesota residents who seek care at Wisconsin hospitals are not included in this analysis; therefore, hospitalization rates for counties bordering Wisconsin may be underestimated. These data do not include hospitalizations from Veterans Affairs or Indian Health Service hospitals.

A confidence interval for a rate is a measure of reliability. In this analysis, 95% confidence intervals were calculated. 95% confidence intervals is the interval within which the true value of the rate would be expected to fall 95 times out of 100. When the number of events is fewer than 100, the 95% confidence interval is calculated based on the inverse gamma distribution in this analysis. When the number of events is 100 or greater, the 95% confidence interval is calculated based on normal approximation.



**Morbidity Table 11: COPD Hospitalizations: Age-adjusted Rates per 10,000  
for 45 years of age and older  
By State and County, 2009-2011**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	Rate <sup>1</sup>	
<b>Minnesota</b>	<b>6,376,428</b>	<b>19,650</b>	<b>32.8</b>	<b>32.3 - 33.2</b>
Aitkin	58,544	165	25.4	21.5 - 29.4
Anoka	759,890	959	16.1	15.0 - 17.2
Becker	91,578	151	15.9	13.4 - 18.5
Beltrami	102,296	169	17.2	14.5 - 19.8
Benton	83,090	275	35.5	31.3 - 39.8
Big Stone	17,428	15	6.8 (UR)	3.8 - 11.4
Blue Earth	129,384	219	17	14.7 - 19.3
Brown	74,188	92	10.8	8.6 - 13.3
Carlton	93,348	173	18.6	15.8 - 21.4
Carver	196,906	188	13.2	11.2 - 15.1
Cass	89,924	222	24.1	20.9 - 27.4
Chippewa	35,342	67	16	12.3 - 20.4
Chisago	129,870	208	18.6	16.0 - 21.2
Clay	123,440	152	12.8	10.7 - 14.8
Clearwater	24,546	101	38.7	31.1 - 46.3
Cook	17,852	23	11.6	7.2 - 17.6
Cottonwood	34,354	50	12.2	9.0 - 16.3
Crow Wing	176,538	438	23.3	21.1 - 25.5
Dakota	911,916	1,051	14.6	13.7 - 15.5
Dodge	46,046	75	18.7	14.7 - 23.5
Douglas	103,700	137	12	9.9 - 14.0
Faribault	44,868	97	19	15.3 - 23.2
Fillmore	59,444	73	10.1	7.8 - 12.8
Freeborn	91,926	175	17.4	14.8 - 20.0
Goodhue	127,830	193	15.1	12.9 - 17.2
Grant	18,628	47	23.7	17.2 - 31.8
Hennepin	2,623,104	3,062	13	12.5 - 13.4
Houston	55,352	1-5*	*	
Hubbard	64,048	120	18.1	14.9 - 21.4
Isanti	91,148	165	20	16.9 - 23.1
Itasca	136,352	298	21.1	18.6 - 23.5
Jackson	30,174	40	10	7.1 - 13.9
Kanabec	45,428	122	26.8	22.0 - 31.7
Kandiyohi	111,040	211	17.7	15.3 - 20.2
Kittson	14,868	40	21.1	14.9 - 29.1
Koochiching	41,522	84	19.6	15.6 - 24.3
Lac Qui Parle	24,146	46	16.2	11.7 - 21.8
Lake	35,706	42	10.4	7.5 - 14.2
Lake of the Woods	13,584	16	13 (UR)	7.4 - 21.3
Le Sueur	70,990	68	10	7.8 - 12.7
Lincoln	18,150	35	13	8.9 - 18.3
Lyon	59,456	129	21.6	17.8 - 25.5
McLeod	92,556	122	12.9	10.6 - 15.2

**Morbidity Table 11: COPD Hospitalizations: Age-adjusted Rates per 10,000  
for 45 years of age and older  
By State and County, 2009-2011**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	Rate <sup>1</sup>	
<b>Minnesota</b>	<b>6,376,428</b>	<b>19,650</b>	<b>32.8</b>	<b>32.3 - 33.2</b>
Mahnomen	13,628	25	17.8	11.5 - 26.4
Marshall	27,660	69	21.7	16.9 - 27.6
Martin	63,112	181	26.1	22.2 - 30.1
Meeker	63,636	107	16.8	13.6 - 20.0
Mille Lacs	67,140	244	35.5	31.0 - 40.0
Morrison	88,722	230	25.3	22.0 - 28.6
Mower	101,652	244	21.2	18.5 - 23.9
Murray	27,434	68	20.9	16.2 - 26.6
Nicollet	74,174	109	14.7	11.9 - 17.5
Nobles	52,826	76	13.9	10.9 - 17.5
Norman	20,650	32	13.3	9.0 - 19.0
Olmsted	338,722	464	14.5	13.1 - 15.8
Otter Tail	177,664	278	14.5	12.8 - 16.3
Pennington	36,088	91	24.9	20.0 - 30.7
Pine	81,274	200	24.8	21.3 - 28.3
Pipestone	27,100	44	13.8	9.9 - 18.7
Polk	83,320	178	19.9	16.9 - 22.8
Pope	33,768	77	19.4	15.2 - 24.3
Ramsey	1,147,388	1,799	16.4	15.6 - 17.2
Red Lake	11,562	21	17.2	10.6 - 26.4
Redwood	45,370	100	19.3	15.4 - 23.2
Renville	46,344	63	12.3	9.4 - 15.8
Rice	144,832	296	21.2	18.8 - 23.7
Rock	26,864	56	16.1	12.0 - 21.2
Roseau	41,190	80	21.8	17.2 - 27.2
St. Louis	544,092	1,244	22.7	21.4 - 24.0
Scott	255,254	283	15.7	13.8 - 17.6
Sherburne	174,834	184	13.2	11.3 - 15.2
Sibley	40,432	55	13.4	10.1 - 17.5
Stearns	330,740	694	21.7	20.1 - 23.4
Steele	90,442	119	13	10.6 - 15.4
Stevens	23,206	62	21.6	16.3 - 28.1
Swift	28,790	70	20.7	16.0 - 26.4
Todd	69,336	70	9.9	7.7 - 12.6
Traverse	11,516	1-5*	*	
Wabasha	61,204	76	11.6	9.1 - 14.6
Wadena	40,090	97	21.2	17.2 - 26.0
Waseca	48,838	61	13	9.9 - 16.8
Washington	568,208	592	13.4	12.3 - 14.5
Watsonwan	30,718	49	12.7	9.3 - 17.0
Wilkin	18,934	38	20.3	14.3 - 27.9
Winona	118,188	243	20.6	18.0 - 23.3
Wright	255,538	340	16.9	15.0 - 18.7
Yellow Medicine	29,876	118	34.4	28.0 - 40.8

**Morbidity Table 11: COPD Hospitalizations: Age-adjusted Rates per 10,000  
for 45 years of age and older  
By State and County, 2009-2011**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	Rate <sup>1</sup>	
<b>Minnesota</b>	<b>6,376,428</b>	<b>19,650</b>	<b>32.8</b>	<b>32.3 - 33.2</b>
CHB - Aitkin, Itasca, Koochiching	236,418	547	21.8	20.0 - 23.7
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	204,474	406	19.8	17.9 - 21.7
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	135,582	316	19.6	17.4 - 21.9
CHB - Brown, Nicollet	148,362	201	12.5	10.7 - 14.2
CHB - Carlton, Cook, Lake, St. Louis	690,998	1,482	21.1	20.0 - 22.2
CHB - Cottonwood, Jackson	64,528	90	11.2	8.9 - 13.9
CHB - Clay, Wilkin	142,374	190	13.9	11.9 - 15.9
CHB - Douglas, Grant, Pope, Stevens, Traverse	190,818	326	15.0	13.4 - 16.7
CHB - Dodge, Steele	136,488	194	14.9	12.7 - 17.0
CHB - Fillmore, Houston	114,796	78	5.9	4.7 - 7.4
CHB - Faribault, Martin	107,980	278	23.2	20.4 - 26.0
CHB - Isanti, Mille Lacs	158,288	409	26.9	24.2 - 29.5
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	131,368	301	22.0	19.4 - 24.5
CHB - Kanabec, Pine	126,702	322	25.5	22.7 - 28.3
CHB - Kandiyohi, Renville	157,384	274	16.1	14.2 - 18.1
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	204,374	432	18.3	16.5 - 20.1
CHB - LeSueur, Waseca	119,828	129	11.2	9.2 - 13.1
CHB - Meeker, McLeod, Sibley	196,624	284	14.3	12.6 - 16.0
CHB - Mahnomen, Norman, Polk	117,598	235	18.5	16.1 - 20.9
CHB - Morrison, Todd, Wadena	198,148	397	18.9	17.0 - 20.7

Source: Minnesota Department of Health, Public Health Data Access Network  
(extracted from Minnesota Hospital Discharge Data, which is maintained by the Minnesota Hospital Association)  
<https://apps.health.state.mn.us/mndata/copd>

<sup>1</sup> Age adjusted to the 2000 US Standard Population, ages 45 and older

For more information about age adjusted rates, confidence intervals and hospitalization data go to:

[https://apps.health.state.mn.us/mndata/copd\\_metadata](https://apps.health.state.mn.us/mndata/copd_metadata)

UR = Unstable Rate. Rates based on numerators less than or equal to 20 may be unstable and should be interpreted with caution.

\* To protect an individual's privacy, hospitalizations and ED visit counts from 1 to 5 are suppressed if the underlying population is less than or equal to 100,000.

These data include inpatient hospitalizations of Minnesota residents who were discharged from hospitals in Minnesota and the bordering states of North Dakota, South Dakota and Iowa from 2005 - 2010.

Minnesota residents who seek care at Wisconsin hospitals are not included in this analysis; therefore, hospitalization rates for counties bordering Wisconsin may be underestimated. These data do not include hospitalizations from Veterans Affairs or Indian Health Service hospitals.

A confidence interval for a rate is a measure of reliability. In this analysis, 95% confidence intervals were calculated. 95% confidence intervals is the interval within which the true value of the rate would be expected to fall 95 times out of 100. When the number of events is fewer than 100, the 95% confidence interval is calculated based on the inverse gamma distribution in this analysis. When the number of events is 100 or greater, the 95% confidence interval is calculated based on normal approximation.

**Morbidity Table 12: County-Level Estimates of Leisure Time Physical Inactivity, Diabetes Prevalence and Obesity Among Adults Aged ≥ 20 years, Minnesota 2010**

State/County	Leisure Time Physical Inactivity <sup>1</sup>			Diabetes Prevalence <sup>2</sup>			Obesity <sup>3</sup>	
	Percent	CI <sup>4</sup>		Percent	CI <sup>4</sup>		Percent	CI <sup>4</sup>
		Lower	Upper		Lower	Upper		Lower
Minnesota <sup>5</sup>	19.1	17.7	20.5	6.7	5.9	7.5	25.4	23.6
Aitkin	23.5	18.6	28.4	10.1	7.6	13.0	27.4	22.7
Anoka	22.4	20.2	24.8	8.3	7.2	9.6	30.7	28.2
Becker	23.7	19.7	28.1	8.2	6.3	10.4	27.9	23.6
Beltrami	23.8	20.2	27.6	8.3	6.6	10.1	28.3	24.6
Benton	22.0	17.3	27.2	9.0	6.8	11.7	29.1	23.8
Big Stone	23.6	17.1	30.9	8.7	6.3	11.7	28.4	22.0
Blue Earth	23.9	19.7	28.6	6.2	4.6	8.0	25.2	20.6
Brown	23.6	18.8	28.9	8.5	6.5	11.0	28.7	23.7
Carlton	20.9	16.8	25.7	8.1	6.2	10.4	27.9	23.2
Carver	17.1	13.9	20.4	6.7	5.2	8.5	24.7	21.0
Cass	21.3	17.5	25.3	10.2	8.1	12.8	28.4	24.0
Chippewa	30.5	23.9	37.8	9.0	6.7	11.7	31.1	25.3
Chisago	21.6	17.4	26.3	7.9	6.0	10.4	28.5	23.8
Clay	24.6	20.2	29.4	8.3	6.4	10.5	31.4	26.5
Clearwater	26.3	20.9	32.4	9.7	7.3	12.7	29.9	24.4
Cook	20.4	15.2	26.3	9.1	6.8	12.1	26.1	20.6
Cottonwood	25.5	19.4	32.4	9.2	6.8	12.3	28.6	22.8
Crow Wing	20.9	17.2	25.1	8.5	6.5	10.6	26.8	22.6
Dakota	17.1	15.5	18.7	6.4	5.5	7.3	25.4	23.4
Dodge	21.5	16.2	27.2	7.2	5.2	9.6	33.2	26.9
Douglas	21.7	17.2	26.8	8.3	6.3	10.7	26.9	22.1
Faribault	26.5	20.6	33.3	8.7	6.3	11.4	29.7	23.9
Fillmore	22.9	17.8	28.8	7.9	5.9	10.5	27.2	21.7
Freeborn	24.5	19.9	29.3	9.9	7.6	12.7	30.6	25.6
Goodhue	21.2	17.2	25.4	8.4	6.5	10.7	28.0	23.6
Grant	24.1	17.8	31.4	8.8	6.4	11.7	27.2	20.8
Hennepin	17.3	16.4	18.2	6.6	6.1	7.1	21.9	20.9
Houston	21.8	17.1	27.2	8.3	6.2	11.0	27.7	22.4
Hubbard	24.4	19.3	29.9	9.3	7.1	12.0	28.6	23.2
Isanti	18.8	14.4	23.8	8.3	6.3	10.8	27.7	22.5
Itasca	22.5	18.5	26.5	9.3	7.3	11.7	28.0	23.5
Jackson	23.3	17.3	30.1	8.2	6.0	10.9	29.8	22.8
Kanabec	23.9	17.7	30.5	8.0	5.9	10.8	26.4	21.0
Kandiyohi	23.6	19.3	28.0	7.6	5.8	9.6	29.1	24.6
Kittson	26.9	19.7	35.2	10.0	7.2	13.6	31.6	24.9
Koochiching	23.1	18.2	28.3	10.6	8.1	13.5	29.7	24.5
Lac qui Parle	27.5	20.5	34.9	10.1	7.5	13.3	29.2	23.2
Lake	25.1	18.9	32.1	9.5	7.0	12.6	29.5	23.3
Lake of the Woods	24.3	17.4	31.8	8.9	6.3	11.9	28.1	21.7
Le Sueur	22.2	17.5	27.3	7.4	5.6	9.5	30.3	25.4
Lincoln	24.6	18.4	31.4	8.5	6.1	11.4	27.5	21.7
Lyon	20.0	15.6	24.7	7.6	5.7	10.0	27.8	22.7
McLeod	19.1	15.1	23.7	7.8	5.8	10.1	31.9	26.9

**Morbidity Table 12: County-Level Estimates of Lesiure Time Physical Inactivity, Diabetes Prevalence and Obesity Among Adults Aged ≥ 20 years, Minnesota 2010**

State/County	Leisure Time Physical Inactivity <sup>1</sup>			Diabetes Prevalence <sup>2</sup>			Obesity <sup>3</sup>	
	Percent	CI <sup>4</sup>		Percent	CI <sup>4</sup>		Percent	CI <sup>4</sup>
		Lower	Upper		Lower	Upper		Lower
Mahnomen	30.2	23.8	37.1	11.1	8.3	14.3	30.6	24.4
Marshall	24.4	18.1	31.3	9.3	6.8	12.4	26.9	20.8
Martin	26.1	21.0	32.0	8.0	5.9	10.6	27.2	22.2
Meeker	24.1	19.2	29.5	11.3	8.8	14.3	29.6	24.6
Mille Lacs	24.4	19.6	30.0	8.3	6.3	10.9	28.8	23.3
Morrison	22.3	17.8	27.4	8.3	6.2	10.8	27.8	22.9
Mower	23.5	18.3	29.0	9.6	7.3	12.3	27.9	22.5
Murray	22.5	17.0	29.1	9.1	6.8	12.0	31.8	25.8
Nicollet	18.6	14.3	23.5	7.4	5.5	9.6	28.9	23.9
Nobles	26.5	20.7	32.5	8.5	6.4	11.0	27.7	22.1
Norman	29.4	23.2	36.6	10.2	7.7	13.4	32.8	26.7
Olmsted	20.2	17.4	23.3	7.3	5.9	8.9	23.8	20.6
Otter Tail	23.4	19.5	27.6	8.7	6.9	10.9	28.2	24.1
Pennington	22.9	17.9	28.7	9.5	7.0	12.4	27.6	22.2
Pine	23.3	18.6	28.7	7.4	5.6	9.6	28.4	23.4
Pipestone	21.7	16.5	28.2	8.8	6.5	11.7	28.9	23.0
Polk	26.6	21.9	31.7	8.4	6.5	10.6	30.0	25.1
Pope	27.4	20.7	35.5	8.6	6.1	11.6	28.1	21.8
Ramsey	17.6	16.3	18.8	7.2	6.5	8.0	24.6	23.1
Red Lake	22.4	16.2	29.3	8.1	5.8	10.9	30.3	23.6
Redwood	23.0	18.3	28.3	8.7	6.5	11.1	30.5	25.2
Renville	24.1	18.5	30.5	9.3	6.9	12.3	33.0	27.0
Rice	20.4	16.9	24.2	7.7	6.1	9.6	25.9	21.7
Rock	22.0	16.3	29.1	8.3	6.0	11.1	24.5	18.9
Roseau	24.7	19.1	31.0	8.0	5.9	10.7	34.2	27.9

**Morbidity Table 12: County-Level Estimates of Leisure Time Physical Inactivity, Diabetes Prevalence and Obesity Among Adults Aged ≥ 20 years, Minnesota 2010**

State/County	Leisure Time Physical Inactivity <sup>1</sup>			Diabetes Prevalence <sup>2</sup>			Obesity <sup>3</sup>	
	Percent	CI <sup>4</sup>		Percent	CI <sup>4</sup>		Percent	CI <sup>4</sup>
		Lower	Upper		Lower	Upper		Lower
St. Louis	19.1	16.9	21.3	8.3	7.1	9.7	27.3	24.8
Scott	18.8	15.7	22.0	6.2	4.9	7.7	24.0	20.7
Sherburne	24.3	20.5	28.4	6.8	5.3	8.7	30.5	26.4
Sibley	27.7	21.2	35.1	8.2	6.0	11.0	29.1	23.1
Stearns	19.3	16.6	22.3	7.4	6.0	8.9	27.7	24.2
Steele	21.0	16.8	25.6	6.7	5.1	8.7	26.6	22.0
Stevens	22.1	16.5	28.5	7.4	5.3	9.9	28.3	22.2
Swift	30.1	24.9	35.7	9.5	7.1	12.1	29.1	23.7
Todd	25.1	19.5	31.1	9.3	6.9	12.0	29.7	24.4
Traverse	26.6	19.8	34.4	9.7	6.9	12.8	29.0	22.3
Wabasha	22.1	16.7	28.0	7.9	5.7	10.4	26.9	21.4
Wadena	22.8	17.3	29.3	10.0	7.3	13.0	30.8	24.5
Waseca	25.5	19.7	31.8	8.9	6.6	11.7	31.0	25.1
Washington	17.4	15.1	19.7	7.0	5.8	8.2	24.3	21.8
Watonwan	24.5	18.5	31.2	9.3	6.9	12.2	30.8	24.5
Wilkin	26.9	19.7	34.6	8.6	6.1	11.7	30.2	23.3
Winona	19.9	16.0	24.1	7.5	5.8	9.7	27.3	22.6
Wright	17.4	14.5	20.4	5.7	4.4	7.2	26.5	22.9
Yellow Medicine	20.9	15.6	27.4	9.4	6.8	12.5	25.3	19.7

Source: CDC Behavioral Risk Factor Surveillance System via Diabetes Interactive Atlas

<http://www.cdc.gov/diabetes/atlas/>

The prevalence of diagnosed diabetes and selected risk factors by county was estimated using data from CDC's Behavioral Risk Factor Surveillance System (BRFSS), and data from the U.S. Census Bureau's Population Estimates Program. 2009, 2010 and 2011 data were used to improve the precision for the 2010 county-level estimates of diagnosed diabetes estimation techniques and selected risk factors. The county-level estimates were developed using modern small area analysis. For more information on the methodology, go to:

[http://www.cdc.gov/diabetes/atlas/countydata/County\\_Methods.html#countylevel estimates](http://www.cdc.gov/diabetes/atlas/countydata/County_Methods.html#countylevel estimates)

<sup>1</sup> Have you ever been told by a doctor that you have diabetes? Yes or No  
(Does NOT include women who only were diabetic during pregnancy)

<sup>2</sup> During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?

<sup>3</sup> BMI ≥ 30

<sup>4</sup> A confidence interval for a rate is a measure of reliability. In this analysis, 90% confidence intervals were calculated. 90% confidence intervals is the interval within which the true value of the rate would be expected to fall 90 times out of 100

<sup>5</sup> Direct estimates from CDC BRFSS Trends and Prevalence Data

<http://apps.nccd.cdc.gov/BRFSS/>

<b>Upper</b>
27.1
32.6
33.2
32.7
32.4
34.9
35.3
30.0
34.3
33.2
28.8
33.3
37.3
33.7
36.6
36.0
32.2
34.9
31.3
27.5
40.1
31.7
36.4
33.1
36.0
33.1
33.9
22.9
33.6
34.0
33.5
32.7
36.6
32.3
33.8
38.8
35.3
35.9
36.0
35.1
35.5
34.0
33.7
37.2

<b>Upper</b>
37.9
33.7
32.8
34.8
34.6
33.1
33.5
38.5
34.7
33.5
39.8
27.2
32.3
33.3
33.8
35.4
35.1
35.1
26.2
37.2
36.4
39.4
30.2
30.7
40.8



<b>Upper</b>
30.1
27.4
34.7
35.2
31.2
31.5
35.4
34.6
35.7
36.3
33.1
37.5
37.8
27.0
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37.7
32.3
30.3
31.7

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**Morbidity Table 14a: Number of Births and Number and Percent Tested  
for Elevated Blood Lead Levels (EBLL)  
By State and County, 2007-2009 (Birth Year)**

State/County/CHB	Number of Births			Number Tested			Percent Tested		
	2007	2008	2009	2007	2008	2009	2007	2008	2009
<b>Minnesota</b>	<b>73,675</b>	<b>72,382</b>	<b>70,615</b>	<b>57,687</b>	<b>57,635</b>	<b>57,383</b>	<b>78.3</b>	<b>79.6</b>	<b>81.3</b>
Aitkin	157	144	144	139	122	111	88.5	84.7	77.1
Anoka	4,543	4,378	4,288	3,686	3,698	3,637	81.1	84.5	84.8
Becker	429	477	442	288	307	283	67.1	64.4	64
Beltrami	734	768	683	281	357	356	38.3	46.5	52.1
Benton	615	623	554	577	597	552	93.8	95.8	99.6
Big Stone	68	54	72	48	42	57	70.6	77.8	79.2
Blue Earth	800	802	751	716	637	628	89.5	79.4	83.6
Brown	281	322	297	196	243	279	69.8	75.5	93.9
Carlton	413	419	414	390	421	382	94.4	100.5**	92.3
Carver	1,269	1,194	1,142	800	810	765	63	67.8	67
Cass	354	373	329	194	203	188	54.8	54.4	57.1
Chippewa	166	152	170	142	156	130	85.5	102.6**	76.5
Chisago	681	631	642	553	519	532	81.2	82.3	82.9
Clay	782	780	771	409	466	482	52.3	59.7	62.5
Clearwater	118	121	108	33	43	39	28	35.5	36.1
Cook	53	48	49	39	31	29	73.6	64.6	59.2
Cottonwood	136	129	133	54	66	70	39.7	51.2	52.6
Crow Wing	809	764	784	680	628	606	84.1	82.2	77.3
Dakota	5,592	5,570	5,453	4,090	4,273	4,641	73.1	76.7	85.1
Dodge	270	293	271	141	165	167	52.2	56.3	61.6
Douglas	413	427	424	339	342	376	82.1	80.1	88.7
Faribault	160	147	169	142	124	127	88.8	84.4	75.1
Fillmore	309	277	263	138	138	127	44.7	49.8	48.3
Freeborn	361	391	381	308	320	322	85.3	81.8	84.5
Goodhue	589	577	573	408	411	388	69.3	71.2	67.7
Grant	73	64	69	52	48	55	71.2	75	79.7
Hennepin	16,848	16,566	16,334	12,478	12,526	13,162	74.1	75.6	80.6
Houston	233	208	205	154	150	136	66.1	72.1	66.3
Hubbard	215	249	234	99	132	161	46	53	68.8
Isanti	514	529	473	495	469	437	96.3	88.7	92.4
Itasca	528	469	445	458	428	431	86.7	91.3	96.9
Jackson	131	99	104	74	64	77	56.5	64.6	74
Kanabec	212	179	168	171	142	135	80.7	79.3	80.4
Kandiyohi	625	594	560	582	602	487	93.1	101.3**	87
Kittson	43	38	45	16	27	15	37.2	71.1	33.3
Koochiching	122	126	119	90	111	113	73.8	88.1	95
Lac qui Parle	75	69	62	55	56	47	73.3	81.2	75.8
Lake	110	126	109	106	123	108	96.4	97.6	99.1
Lake of the Woods	47	30	42	19	12	12	40.4	40	28.6
Le Sueur	367	327	361	253	231	247	68.9	70.6	68.4
Lincoln	75	64	73	44	37	49	58.7	57.8	67.1
Lyon	366	376	378	353	412	378	96.4	109.6**	100

**Morbidity Table 14a: Number of Births and Number and Percent Tested  
for Elevated Blood Lead Levels (EBLL)  
By State and County, 2007-2009 (Birth Year)**

State/County/CHB	Number of Births			Number Tested			Percent Tested		
	2007	2008	2009	2007	2008	2009	2007	2008	2009
McLeod	505	473	494	421	387	387	83.4	81.8	78.3
Mahnomen	92	107	89	29	26	34	31.5	24.3	38.2
Marshall	123	105	105	74	57	53	60.2	54.3	50.5
Martin	287	206	229	234	170	183	81.5	82.5	79.9
Meeker	326	297	331	232	228	244	71.2	76.8	73.7
Mille Lacs	372	373	359	225	276	304	60.5	74	84.7
Morrison	442	472	431	365	397	404	82.6	84.1	93.7
Mower	549	633	572	375	462	394	68.3	73	68.9
Murray	103	83	90	81	65	71	78.6	78.3	78.9
Nicollet	419	416	399	349	372	356	83.3	89.4	89.2
Nobles	366	362	352	336	328	300	91.8	90.6	85.2
Norman	74	93	71	32	41	22	43.2	44.1	31
Olmsted	2,347	2,289	2,191	827	902	807	35.2	39.4	36.8
Otter Tail	666	619	642	351	326	361	52.7	52.7	56.2
Pennington	195	170	200	111	93	111	56.9	54.7	55.5
Pine	322	343	327	278	296	297	86.3	86.3	90.8
Pipestone	132	125	135	47	59	94	35.6	47.2	69.6
Polk	389	418	375	183	166	119	47	39.7	31.7
Pope	137	124	119	108	104	75	78.8	83.9	63
Ramsey	7,693	7,778	7,577	6,762	6,834	6,913	87.9	87.9	91.2
Red Lake	55	58	58	26	28	27	47.3	48.3	46.6
Redwood	212	197	198	169	194	167	79.7	98.5	84.3
Renville	160	195	180	189	206	161	118.1**	105.6**	89.4
Rice	796	794	748	702	693	697	88.2	87.3	93.2
Rock	147	128	116	96	95	82	65.3	74.2	70.7
Roseau	206	196	187	59	69	46	28.6	35.2	24.6
Saint Louis	2,107	2,165	2,146	1,989	2,002	2,018	94.4	92.5	94
Scott	2,179	2,062	1,968	1,432	1,424	1,515	65.7	69.1	77
Sherburne	1,388	1,286	1,286	1,088	1,015	1,075	78.4	78.9	83.6
Sibley	203	192	207	164	158	175	80.8	82.3	84.5
Stearns	1,998	1,961	1,992	1,797	1,771	1,721	89.9	90.3	86.4
Steele	549	568	509	492	514	461	89.6	90.5	90.6
Stevens	123	112	124	94	104	94	76.4	92.9	75.8
Swift	100	125	95	103	118	93	103.0**	94.4	97.9
Todd	356	315	322	259	213	231	72.8	67.6	71.7
Traverse	37	33	43	19	19	28	51.4	57.6	65.1
Wabasha	290	265	247	166	179	154	57.2	67.5	62.3
Wadena	187	189	189	97	116	123	51.9	61.4	65.1
Waseca	260	210	228	243	214	235	93.5	101.9**	103.1**
Washington	2,943	2,891	2,781	2,164	2,289	2,305	73.5	79.2	82.9
Watsonwan	183	144	160	145	100	141	79.2	69.4	88.1
Wilkin	88	69	71	37	45	53	42	65.2	74.6
Winona	562	544	520	399	384	366	71	70.6	70.4
Wright	2,183	2,095	1,943	1,596	1,524	1,449	73.1	72.7	74.6
Yellow Medicine	137	125	121	116	92	84	84.7	73.6	69.4

**Morbidity Table 14a: Number of Births and Number and Percent Tested for Elevated Blood Lead Levels (EBLL) By State and County, 2007-2009 (Birth Year)**

State/County/CHB	Number of Births			Number Tested			Percent Tested		
	2007	2008	2009	2007	2008	2009	2007	2008	2009
CHB - Aitkin, Itasca, Koochiching	807	739	708	687	661	655	85.1	89.4	92.5
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	1,114	1,168	1,067	432	544	568	38.8	46.6	53.2
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	546	525	520	464	464	411	85.0	88.4	79.0
CHB - Brown, Nicollet	700	738	696	545	615	635	77.9	83.3	91.2
CHB - Carlton, Cook, Lake, St. Louis	2,683	2,758	2,718	2,524	2,577	2,537	94.1	93.4	93.3
CHB - Cottonwood, Jackson	267	228	237	128	130	147	47.9	57.0	62.0
CHB - Clay, Wilkin	870	849	842	446	511	535	51.3	60.2	63.5
CHB - Douglas, Grant, Pope, Stevens, Traverse	783	760	779	612	617	628	78.2	81.2	80.6
CHB - Dodge, Steele	819	861	780	633	679	628	77.3	78.9	80.5
CHB - Fillmore, Houston	542	485	468	292	288	263	53.9	59.4	56.2
CHB - Faribault, Martin	447	353	398	376	294	310	84.1	83.3	77.9
CHB - Isanti, Mille Lacs	886	902	832	720	745	741	81.3	82.6	89.1
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	622	567	595	286	274	252	46.0	48.3	42.4
CHB - Kanabec, Pine	534	522	495	449	438	432	84.1	83.9	87.3
CHB - Kandiyohi, Renville	785	789	740	771	808	648	98.2	102.4**	87.6
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	1,035	973	990	790	862	841	76.3	88.6	84.9
CHB - LeSueur, Waseca	627	537	589	496	445	482	79.1	82.9	81.8
CHB - Meeker, McLeod, Sibley	1,034	962	1,032	817	773	806	79.0	80.4	78.1
CHB - Mahnomon, Norman, Polk	555	618	535	244	233	175	44.0	37.7	32.7
CHB - Morrison, Todd, Wadena	985	976	942	721	726	758	73.2	74.4	80.5

Source: Minnesota Department of Health, Public Health Data Access Network (extracted from Minnesota Hospital Discharge Data, which is maintained by the Minnesota Hospital Association) <https://apps.health.state.mn.us/mndata/lead>

<sup>1</sup>Age adjusted to the 2000 US Standard Population, ages 35 and older

For more information about age adjusted rates, confidence intervals and hospitalization data go to:

[https://apps.health.state.mn.us/mndata/lead\\_metadata](https://apps.health.state.mn.us/mndata/lead_metadata)

<sup>1</sup>EBLL - elevated blood lead levels which are levels greater than or equal to 10 micrograms of lead per deciliter of blood (µg/dL). Note: There is no safe level of blood lead exposure.

Results displayed by birth year, not year tested. Children are tested in Minnesota prior to 36 months of age which means that children born in 2008 are tested through the end of 2011. Lead testing is not universal or randomly sampled in Minnesota, so the data are not representative of all Minnesota children.

\*\*The percent of children tested can exceed 100%. Percent tested is calculated using the total number of children born to county residents in that birth year as the denominator rather than the total number of children who currently live in that county. It is possible that there were more children tested in that county than the resident births.

Lead poisoning is a medical condition that occurs when lead builds up in the body.

Elevated blood lead levels (EBLLs) in young children are associated with adverse health effects, including learning impairment, behavioral problems, and even death at very high levels.

Lead enters the bloodstream through inhalation or ingestion of paint dust, paint chips, or materials contaminated with lead. Children less than 6 years of age living in homes built before 1978 are most at risk for lead poisoning.

**Morbidity Table 14b: Number Tested and Number and Percent Tested with Elevated Blood Lead Levels (EBLL) By State and County, 2007-2009 (Birth Year)**

State/County/CHB	Number Tested			Number EBLL <sup>1</sup>			Percent EBLL <sup>1</sup>		
	2007	2008	2009	2007	2008	2009	2007	2008	2009
<b>Minnesota</b>	<b>57,687</b>	<b>57,635</b>	<b>57,383</b>	<b>233</b>	<b>216</b>	<b>186</b>	<b>0.40</b>	<b>0.37</b>	<b>0.32</b>
Aitkin	139	122	111	1	0	1	0.72	0.00	0.90
Anoka	3,686	3,698	3,637	1	2	4	0.03	0.05	0.11
Becker	288	307	283	1	0	2	0.35	0.00	0.71
Beltrami	281	357	356	0	1	0	0.00	0.28	0.00
Benton	577	597	552	1	0	1	0.17	0.00	0.18
Big Stone	48	42	57	0	0	0	0.00	0.00	0.00
Blue Earth	716	637	628	6	1	5	0.84	0.16	0.80
Brown	196	243	279	3	1	3	1.53	0.41	1.08
Carlton	390	421	382	1	0	0	0.26	0.00	0.00
Carver	800	810	765	5	1	0	0.63	0.12	0.00
Cass	194	203	188	0	0	0	0.00	0.00	0.00
Chippewa	142	156	130	0	1	1	0.00	0.64	0.77
Chisago	553	519	532	1	1	0	0.18	0.19	0.00
Clay	409	466	482	2	0	0	0.49	0.00	0.00
Clearwater	33	43	39	0	0	0	0.00	0.00	0.00
Cook	39	31	29	0	0	0	0.00	0.00	0.00
Cottonwood	54	66	70	2	1	2	3.70	1.52	2.86
Crow Wing	680	628	606	1	0	0	0.15	0.00	0.00
Dakota	4,090	4,273	4,641	3	4	8	0.07	0.09	0.17
Dodge	141	165	167	0	0	0	0.00	0.00	0.00
Douglas	339	342	376	0	1	0	0.00	0.29	0.00
Faribault	142	124	127	2	2	1	1.41	1.61	0.79
Fillmore	138	138	127	0	1	0	0.00	0.72	0.00
Freeborn	308	320	322	4	1	6	1.30	0.31	1.86
Goodhue	408	411	388	1	1	3	0.25	0.24	0.77
Grant	52	48	55	1	0	1	1.92	0.00	1.82
Hennepin	12,478	12,526	13,162	76	77	61	0.61	0.61	0.46
Houston	154	150	136	2	1	2	1.30	0.67	1.47
Hubbard	99	132	161	0	0	0	0.00	0.00	0.00
Isanti	495	469	437	2	0	0	0.40	0.00	0.00
Itasca	458	428	431	2	0	0	0.44	0.00	0.00
Jackson	74	64	77	1	0	0	1.35	0.00	0.00
Kanabec	171	142	135	0	1	0	0.00	0.70	0.00
Kandiyohi	582	602	487	2	0	3	0.34	0.00	0.62
Kittson	16	27	15	0	0	0	0.00	0.00	0.00
Koochiching	90	111	113	0	0	0	0.00	0.00	0.00
Lac qui Parle	55	56	47	2	1	1	3.64	1.79	2.13
Lake	106	123	108	0	0	0	0.00	0.00	0.00
Lake of the Woods	19	12	12	0	0	0	0.00	0.00	0.00
Le Sueur	253	231	247	0	0	0	0.00	0.00	0.00
Lincoln	44	37	49	0	1	0	0.00	2.70	0.00
Lyon	353	412	378	0	1	1	0.00	0.24	0.26

**Morbidity Table 14b: Number Tested and Number and Percent Tested with Elevated Blood Lead Levels (EBLL) By State and County, 2007-2009 (Birth Year)**

State/County/CHB	Number Tested			Number EBLL <sup>1</sup>			Percent EBLL <sup>1</sup>		
	2007	2008	2009	2007	2008	2009	2007	2008	2009
McLeod	421	387	387	1	0	0	0.24	0.00	0.00
Mahnomen	29	26	34	0	0	0	0.00	0.00	0.00
Marshall	74	57	53	0	0	0	0.00	0.00	0.00
Martin	234	170	183	0	2	0	0.00	1.18	0.00
Meeker	232	228	244	2	0	0	0.86	0.00	0.00
Mille Lacs	225	276	304	1	1	0	0.44	0.36	0.00
Morrison	365	397	404	1	1	0	0.27	0.25	0.00
Mower	375	462	394	6	5	3	1.60	1.08	0.76
Murray	81	65	71	0	1	0	0.00	1.54	0.00
Nicollet	349	372	356	0	3	1	0.00	0.81	0.28
Nobles	336	328	300	1	1	4	0.30	0.30	1.33
Norman	32	41	22	0	0	0	0.00	0.00	0.00
Olmsted	827	902	807	2	4	1	0.24	0.44	0.12
Otter Tail	351	326	361	0	0	1	0.00	0.00	0.28
Pennington	111	93	111	0	0	0	0.00	0.00	0.00
Pine	278	296	297	0	1	0	0.00	0.34	0.00
Pipestone	47	59	94	2	1	1	4.26	1.69	1.06
Polk	183	166	119	3	0	0	1.64	0.00	0.00
Pope	108	104	75	0	2	0	0.00	1.92	0.00
Ramsey	6,762	6,834	6,913	56	52	41	0.83	0.76	0.59
Red Lake	26	28	27	0	0	0	0.00	0.00	0.00
Redwood	169	194	167	0	0	0	0.00	0.00	0.00
Renville	189	206	161	2	2	1	1.06	0.97	0.62
Rice	702	693	697	2	1	3	0.28	0.14	0.43
Rock	96	95	82	0	0	0	0.00	0.00	0.00
Roseau	59	69	46	0	0	0	0.00	0.00	0.00
Saint Louis	1,989	2,002	2,018	4	11	4	0.20	0.55	0.20
Scott	1,432	1,424	1,515	0	2	1	0.00	0.14	0.07
Sherburne	1,088	1,015	1,075	3	0	0	0.28	0.00	0.00
Sibley	164	158	175	1	0	1	0.61	0.00	0.57
Stearns	1,797	1,771	1,721	3	1	2	0.17	0.06	0.12
Steele	492	514	461	2	2	2	0.41	0.39	0.43
Stevens	94	104	94	0	0	2	0.00	0.00	2.13
Swift	103	118	93	2	1	0	1.94	0.85	0.00
Todd	259	213	231	1	1	0	0.39	0.47	0.00
Traverse	19	19	28	0	0	1	0.00	0.00	3.57
Wabasha	166	179	154	2	1	0	1.20	0.56	0.00
Wadena	97	116	123	0	0	0	0.00	0.00	0.00
Waseca	243	214	235	1	1	2	0.41	0.47	0.85
Washington	2,164	2,289	2,305	4	5	5	0.18	0.22	0.22
Watonwan	145	100	141	0	2	0	0.00	2.00	0.00
Wilkin	37	45	53	0	1	0	0.00	2.22	0.00
Winona	399	384	366	3	7	2	0.75	1.82	0.55
Wright	1,596	1,524	1,449	1	1	1	0.06	0.07	0.07
Yellow Medicine	116	92	84	0	0	0	0.00	0.00	0.00

**Morbidity Table 14b: Number Tested and Number and Percent Tested with Elevated Blood Lead Levels (EBLL) By State and County, 2007-2009 (Birth Year)**

State/County/CHB	Number Tested			Number EBLL <sup>1</sup>			Percent EBLL <sup>1</sup>		
	2007	2008	2009	2007	2008	2009	2007	2008	2009
CHB - Aitkin, Itasca, Koochiching	687	661	655	3	0	1	0.15	0.02	0.00
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	432	544	568	0	1	0	0.00	0.00	0.00
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	464	464	411	4	3	2	0.43	0.09	0.02
CHB - Brown, Nicollet	545	615	635	3	4	4	0.73	0.12	0.02
CHB - Carlton, Cook, Lake, St. Louis	2,524	2,577	2,537	5	11	4	0.16	0.01	0.00
CHB - Cottonwood, Jackson	128	130	147	3	1	2	1.56	1.20	0.82
CHB - Clay, Wilkin	446	511	535	2	1	0	0.00	0.00	0.00
CHB - Douglas, Grant, Pope, Stevens, Traverse	612	617	628	1	3	4	0.65	0.11	0.02
CHB - Dodge, Steele	633	679	628	2	2	2	0.32	0.05	0.01
CHB - Fillmore, Houston	292	288	263	2	2	2	0.68	0.24	0.09
CHB - Faribault, Martin	376	294	310	2	4	1	0.27	0.09	0.03
CHB - Isanti, Mille Lacs	720	745	741	3	1	0	0.00	0.00	0.00
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	286	274	252	0	0	0	0.00	0.00	0.00
CHB - Kanabec, Pine	449	438	432	0	2	0	0.00	0.00	0.00
CHB - Kandiyohi, Renville	771	808	648	4	2	4	0.52	0.06	0.01
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	790	862	841	2	4	2	0.25	0.03	0.00
CHB - LeSueur, Waseca	496	445	482	1	1	2	0.40	0.09	0.02
CHB - Meeker, McLeod, Sibley	817	773	806	4	0	1	0.12	0.02	0.00
CHB - Mahnomon, Norman, Polk	244	233	175	3	0	0	0.00	0.00	0.00
CHB - Morrison, Todd, Wadena	721	726	758	2	2	0	0.00	0.00	0.00

Source: Minnesota Department of Health, Public Health Data Access Network (extracted from Minnesota Hospital Discharge Data, which is maintained by the Minnesota Hospital Association) <https://apps.health.state.mn.us/mndata/lead>

<sup>1</sup>Age adjusted to the 2000 US Standard Population, ages 35 and older

For more information about age adjusted rates, confidence intervals and hospitalization data go to: [https://apps.health.state.mn.us/mndata/lead\\_metadata](https://apps.health.state.mn.us/mndata/lead_metadata)

<sup>1</sup>EBLL - elevated blood lead levels which are levels greater than or equal to 10 micrograms of lead per deciliter of blood (µg/dL). Note: There is no safe level of blood lead exposure.

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Elevated blood lead levels (EBLLs) in young children are associated with adverse health effects, including learning impairment, behavioral problems, and even death at very high levels.

Lead enters the bloodstream through inhalation or ingestion of paint dust, paint chips, or materials contaminated with lead. Children less than 6 years of age living in homes built before 1978 are most at risk for lead poisoning.

**Morbidity Table 15: CO Hospitalizations and Emergency Department (ED) Visits:**

**Age adjusted rate per 100,000**

**By State and County, 2009-2011**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval	ED Visits	
		Number	AA Rate <sup>1</sup>		Number	AA Rate <sup>1</sup>
<b>Minnesota</b>	<b>14,871,852</b>	<b>106</b>	<b>0.7</b>	<b>0.5 - 0.7</b>	<b>1,108</b>	<b>7.0</b>
Aitkin	48,590	0	0.0		11	22.6(UR)
Anoka	993,619	6	0.6(UR)	0.3 - 1.5	94	9.5
Becker	97,689	0	0.0		20	20.5(UR)
Beltrami	133,932	2	1.5(UR)	0.1 - 3.8	30	22.4
Benton	115,540	0	0.0		6	5.2(UR)
Big Stone	15,792	0	0.0		1-5*	*
Blue Earth	191,962	1	0.5(UR)	0.0 - 4.8	12	6.3(UR)
Brown	77,517	0	0.0		1-5*	*
Carlton	106,110	0	0.0		3	2.8(UR)
Carver	273,922	4	1.5(UR)	0.4 - 4.2	27	9.9
Cass	85,440	0	0.0		8	9.4(UR)
Chippewa	37,120	0	0.0		6	16.2(UR)
Chisago	161,329	1	0.6(UR)	0.0 - 2.7	22	13.6
Clay	177,153	0	0.0		1	0.6(UR)
Clearwater	26,114	0	0.0		1-5*	*
Cook	15,597	0	0.0		0	0.0(UR)
Cottonwood	35,005	0	0.0		0	0.0(UR)
Crow Wing	187,570	3	1.6(UR)	0.3 - 4.2	30	16
Dakota	1,197,464	2	0.2(UR)	0.0 - 0.8	44	3.7
Dodge	60,251	0	0.0		1-5*	*
Douglas	108,257	0	0.0		9	8.3(UR)
Faribault	43,712	0	0.0		1-5*	*
Fillmore	62,663	0	0.0		7	11.2(UR)
Freeborn	93,740	0	0.0		1-5*	*
Goodhue	138,435	2	1.4(UR)	0.2 - 5.6	10	7.2(UR)
Grant	18,029	0	0.0		1-5*	*
Hennepin	3,467,577	20	0.6(UR)	0.3 - 0.9	245	7.1
Houston	56,994	0	0.0		0	0.0(UR)
Hubbard	61,120	0	0.0		12	19.6(UR)
Isanti	113,908	3	2.6(UR)	0.6 - 8.0	10	8.8(UR)
Itasca	135,158	2	1.5(UR)	0.1 - 3.5	15	11.1(UR)
Jackson	30,744	0	0.0		0	0.0(UR)
Kanabec	48,702	0	0.0		15	30.8(UR)
Kandiyohi	126,470	0	0.0		13	10.3(UR)
Kittson	13,628	0	0.0		0	0.0(UR)
Koochiching	39,800	0	0.0		1-5*	*
Lac Qui Parle	21,754	0	0.0		1-5*	*
Lake	32,562	0	0.0		1-5*	*
Lake of the Woods	12,095	0	0.0		0	0.0(UR)
Le Sueur	83,089	0	0.0		1-5*	*
Lincoln	17,608	0	0.0		1-5*	*
Lyon	77,516	0	0.0		1-5*	*
McLeod	109,745	1	0.9(UR)	0.0 - 6.5	11	10.0(UR)



**Morbidity Table 15: CO Hospitalizations and Emergency Department (ED) Visits:**

**Age adjusted rate per 100,000**

**By State and County, 2009-2011**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval	ED Visits	
		Number	AA Rate <sup>1</sup>		Number	AA Rate <sup>1</sup>
<b>Minnesota</b>	<b>14,871,852</b>	<b>106</b>	<b>0.7</b>	<b>0.5 - 0.7</b>	<b>1,108</b>	<b>7.0</b>
Mahnomen	16,226	0	0.0		1-5*	*
Marshall	28,398	0	0.0		1-5*	*
Martin	62,319	0	0.0		1-5*	*
Meeker	69,863	0	0.0		1-5*	*
Mille Lacs	78,203	0	0.0		15	19.2(UR)
Morrison	99,583	0	0.0		12	12.1(UR)
Mower	117,535	1	0.9(UR)	0.0 - 5.0	8	6.8(UR)
Murray	26,126	0	0.0		1-5*	*
Nicollet	98,093	0	0.0		1-5*	*
Nobles	64,093	0	0.0		8	12.5(UR)
Norman	20,536	0	0.0		1-5*	*
Olmsted	433,538	1	0.2(UR)	0.0 - 1.0	14	3.2(UR)
Otter Tail	171,888	2	1.2(UR)	0.1 - 2.8	17	9.9(UR)
Pennington	41,875	0	0.0		1-5*	*
Pine	89,009	0	0.0		6	6.7(UR)
Pipestone	28,721	0	0.0		1-5*	*
Polk	94,479	0	0.0		1-5*	*
Pope	32,923	0	0.0		6	18.2(UR)
Ramsey	1,529,926	15	1.0(UR)	0.5 - 1.6	83	5.4
Red Lake	12,324	0	0.0		1-5*	*
Redwood	48,042	0	0.0		1-5*	*
Renville	47,062	0	0.0		1-5*	*
Rice	192,410	2	1.0(UR)	0.1 - 4.4	11	5.7(UR)
Rock	28,953	0	0.0		1-5*	*
Roseau	47,005	0	0.0		1-5*	*
St. Louis	600,679	4	0.7(UR)	0.2 - 1.5	53	8.8
Scott	391,014	1	0.3(UR)	0.0 - 1.2	42	10.7
Sherburne	265,698	1	0.4(UR)	0.0 - 1.8	14	5.3(UR)
Sibley	45,535	0	0.0		1-5*	*
Stearns	451,681	4	0.9(UR)	0.2 - 2.3	15	3.3(UR)
Steele	109,794	0	0.0		6	5.5(UR)
Stevens	29,146	0	0.0		1-5*	*
Swift	29,250	0	0.0		1-5*	*
Todd	74,570	0	0.0		0	0.0(UR)
Traverse	10,681	0	0.0		0	0.0(UR)
Wabasha	65,010	0	0.0		1-5*	*
Wadena	41,417	0	0.0		1-5*	*
Waseca	57,048	0	0.0		1-5*	*
Washington	715,100	7	1.0(UR)	0.4 - 2.0	29	4.1
Watonwan	33,583	0	0.0		0	0.0(UR)
Wilkin	19,731	0	0.0		0	0.0(UR)
Winona	154,261	1	0.6(UR)	0.0 - 4.2	1	0.6(UR)
Wright	374,457	0	0.0		21	5.6
Yellow Medicine	31,182	0	0.0		1-5*	*

**Morbidity Table 15: CO Hospitalizations and Emergency Department (ED) Visits:  
Age adjusted rate per 100,000  
By State and County, 2009-2011**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval	ED Visits	
		Number	AA Rate <sup>1</sup>		Number	AA Rate <sup>1</sup>
<b>Minnesota</b>	<b>14,871,852</b>	<b>106</b>	<b>0.7</b>	<b>0.5 - 0.7</b>	<b>1,108</b>	<b>7.0</b>
CHB - Aitkin, Itasca, Koochiching	223,548	2	0.9(UR)		1-5*	*
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	233,261	2	0.9(UR)		1-5*	*
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	135,098	0	0.0		1-5*	*
CHB - Brown, Nicollet	175,610	0	0.0		1-5*	*
CHB - Carlton, Cook, Lake, St. Louis	754,948	4	0.5(UR)		1-5*	*
CHB - Cottonwood, Jackson	65,749	0	0.0		0	0.0
CHB - Clay, Wilkin	196,884	0	0.0		1	0.5(UR)
CHB - Douglas, Grant, Pope, Stevens, Traverse	199,036	0	0.0		1-5*	*
CHB - Dodge, Steele	170,045	0	0.0		1-5*	*
CHB - Fillmore, Houston	119,657	0	0.0		7	5.9(UR)
CHB - Faribault, Martin	106,031	0	0.0		1-5*	*
CHB - Isanti, Mille Lacs	192,111	3	1.6(UR)		25	13.0
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	143,230	0	0.0		1-5*	*
CHB - Kanabec, Pine	137,711	0	0.0		21	15.2
CHB - Kandiyohi, Renville	173,532	0	0.0		1-5*	*
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	226,966	0	0.0		1-5*	*
CHB - LeSueur, Waseca	140,137	0	0.0		1-5*	*
CHB - Meeker, McLeod, Sibley	225,143	1	0.4(UR)		1-5*	*
CHB - Mahnomen, Norman, Polk	131,241	0	0.0		1-5*	*
CHB - Morrison, Todd, Wadena	215,570	0	0.0		1-5*	*

Source: Minnesota Department of Health, Public Health Data Access Network  
(extracted from Minnesota Hospital Discharge Data, which is maintained by the Minnesota Hospital Association)  
<https://apps.health.state.mn.us/mndata/co>

<sup>1</sup>Age adjusted to the 2000 US Standard Population

For more information about age adjusted rates, confidence intervals and hospitalization data go to:

[https://apps.health.state.mn.us/mndata/co\\_metadata](https://apps.health.state.mn.us/mndata/co_metadata)

UR = Unstable Rate. Rates based on numerators less than or equal to 20 may be unstable and should be interpreted with caution.

\* To protect an individual's privacy, hospitalizations and ED visit counts from 1 to 5 are suppressed if the underlying population is less than or equal to 100,000. Data are suppressed for CHBs if one of the county's data are suppressed. These data include inpatient hospitalizations of Minnesota residents who were discharged from hospitals in Minnesota and the bordering states of North Dakota, South Dakota and Iowa from 2005 - 2010. Minnesota residents who seek care at Wisconsin hospitals are not included in this analysis; therefore, hospitalization rates for counties bordering Wisconsin may be underestimated. These data do not include hospitalizations from Veterans Affairs or Indian Health Service hospitals.

A confidence interval for a rate is a measure of reliability. In this analysis, 95% confidence intervals were calculated. 95% confidence intervals is the interval within which the true value of the rate would be expected to fall 95 times out of 100. When the number of events is fewer than 100, the 95% confidence interval is calculated based on the inverse gamma distribution in this analysis. When the number of events is 100 or greater, the 95% confidence interval is calculated based on normal approximation.

**Morbidity Table 15: CO Hospitalizations and Emergency Department (ED) Visits:**

Age adjusted rate per 100,000

By State and County, 2009-2011

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval	ED Visits	
		Number	AA Rate <sup>1</sup>		Number	AA Rate <sup>1</sup>
Minnesota	14,871,852	106	0.7	0.5 - 0.7	1,108	7.0



95% Confidence Interval
6.7 - 7.5
11.4 - 34.2
6.6 - 22.9
2.9 - 13.8
6.0 - 27.8
1.8 - 5.6
6.4 - 18.7
2.5 - 15.4
7.1 - 46.9
4.2 - 6.5
3.1 - 11.3
7.5 - 13.4
7.4 - 14.1
3.0 - 9.5
1.9 - 5.7
2.3 - 13.8
3.1 - 6.6
0.0 - 4.2
3.6 - 9.1



<b>95%</b>
<b>Confidence Interval</b>
<b>6.7 - 7.5</b>

**Morbidity Table 16: Licensed and Practicing Dentists  
By State and County, 2013**

State/County/CHB	Population	All Licensees <sup>1</sup>		Actively Practicing in State Only	
		Number	Per Capita <sup>2</sup>	Number	Per Capita <sup>2</sup>
<b>Minnesota</b>	<b>5,420,380</b>	<b>4,027</b>	<b>74.3</b>	<b>3,013</b>	<b>55.6</b>
Aitkin	15,742	4	25.4	2	12.7
Anoka	339,534	132	38.9	114	33.6
Becker	33,231	12	36.1	12	36.1
Beltrami	45,670	28	61.3	26	56.9
Benton	39,214	9	23.0	9	23.0
Big Stone	5,122	1	19.5	0	0.0
Blue Earth	65,528	46	70.2	39	59.5
Brown	25,332	12	47.4	11	43.4
Carlton	35,460	17	47.9	14	39.5
Carver	95,562	44	46.0	32	33.5
Cass	28,555	7	24.5	5	17.5
Chippewa	12,093	5	41.3	4	33.1
Chisago	53,761	21	39.1	17	31.6
Clay	60,661	24	39.6	20	33.0
Clearwater	8,838	3	33.9	3	33.9
Cook	5,200	3	57.7	3	57.7
Cottonwood	11,616	6	51.7	6	51.7
Crow Wing	63,208	41	64.9	36	57.0
Dakota	408,509	251	61.4	206	50.4
Dodge	20,349	3	14.7	3	14.7
Douglas	36,545	27	73.9	20	54.7
Faribault	14,191	4	28.2	3	21.1
Fillmore	20,835	6	28.8	6	28.8
Freeborn	30,948	9	29.1	9	29.1
Goodhue	46,464	17	36.6	14	30.1
Grant	5,989	2	33.4	1	16.7
Hennepin	1,198,778	961	80.2	821	68.5
Houston	18,799	10	53.2	8	42.6
Hubbard	20,658	7	33.9	6	29.0
Isanti	38,204	13	34.0	10	26.2
Itasca	45,564	26	57.1	22	48.3
Jackson	10,260	4	39.0	4	39.0
Kanabec	15,996	8	50.0	5	31.3
Kandiyohi	42,410	24	56.6	20	47.2
Kittson	4,503	3	66.6	3	66.6
Koochiching	13,206	5	37.9	4	30.3
Lac qui Parle	7,027	4	56.9	4	56.9
Lake	10,777	4	37.1	3	27.8
Lake of the Woods	3,929	1	25.5	1	25.5
Le Sueur	27,810	12	43.1	12	43.1
Lincoln	5,830	2	34.3	2	34.3
Lyon	25,487	10	39.2	7	27.5
McLeod	35,918	19	52.9	19	52.9
Mahnomen	5,532	0	0.0	0	0.0
Marshall	9,425	1	10.6	1	10.6
Martin	20,422	9	44.1	9	44.1
Meeker	23,119	8	34.6	5	21.6
Mille Lacs	25,833	9	34.8	7	27.1
Morrison	32,872	11	33.5	8	24.3
Mower	39,327	17	43.2	16	40.7
Murray	8,533	1	11.7	1	11.7



**Morbidity Table 16: Licensed and Practicing Dentists  
By State and County, 2013**

State/County/CHB	Population	All Licensees <sup>1</sup>		Actively Practicing in State Only	
		Number	Per Capita <sup>2</sup>	Number	Per Capita <sup>2</sup>
<b>Minnesota</b>	<b>5,420,380</b>	<b>4,027</b>	<b>74.3</b>	<b>3,013</b>	<b>55.6</b>
Nicollet	33,032	23	69.6	19	57.5
Nobles	21,617	10	46.3	8	37.0
Norman	6,631	3	45.2	3	45.2
Olmsted	149,226	148	99.2	124	83.1
Otter Tail	57,581	36	62.5	31	53.8
Pennington	14,118	7	49.6	5	35.4
Pine	29,104	5	17.2	4	13.7
Pipestone	9,270	4	43.1	3	32.4
Polk	31,569	18	57.0	16	50.7
Pope	10,932	5	45.7	3	27.4
Ramsey	526,714	476	90.4	419	79.5
Red Lake	4,057	1	24.6	1	24.6
Redwood	15,744	7	44.5	6	38.1
Renville	15,166	3	19.8	2	13.2
Rice	65,049	29	44.6	26	40.0
Rock	9,520	2	21.0	2	21.0
Roseau	15,520	6	38.7	4	25.8
St. Louis	200,540	150	74.8	134	66.8
Scott	137,232	64	46.6	54	39.3
Sherburne	90,158	29	32.2	23	25.5
Sibley	15,072	5	33.2	4	26.5
Stearns	152,092	112	73.6	100	65.7
Steele	36,465	28	76.8	26	71.3
Stevens	9,735	5	51.4	5	51.4
Swift	9,546	2	21.0	1	10.5
Todd	24,382	9	36.9	9	36.9
Traverse	3,445	1	29.0	1	29.0
Wabasha	21,443	11	51.3	10	46.6
Wadena	13,804	8	58.0	7	50.7
Waseca	19,098	7	36.7	7	36.7
Washington	246,603	191	77.5	155	62.9
Watonwan	11,137	1	9.0	1	9.0
Wilkin	6,557	2	30.5	1	15.3
Winona	51,232	22	42.9	18	35.1
Wright	128,470	51	39.7	47	36.6
Yellow Medicine	10,143	4	39.4	2	19.7
Aitkin, Itasca, Koochiching	74,512	35	47.0	28	37.6
Beltrami, Clearwtr, Hubbard, LakeoftheWoods	79,095	39	49.3	36	45.5
Big Stone, Chipp, LacquiParle, Swift, YM	43,931	16	36.4	11	25.0
Brown, Nicollet	58,364	35	60.0	30	51.4
Carlton, Cook, Lake, St. Louis	251,977	174	69.1	154	61.1
Cottonwood, Jackson	21,876	10	45.7	10	45.7
Clay, Wilkin	67,218	26	38.7	21	31.2

**Morbidity Table 16: Licensed and Practicing Dentists  
By State and County, 2013**

State/County/CHB	Population	All Licensees <sup>1</sup>		Actively Practicing in State Only	
		Number	Per Capita <sup>2</sup>	Number	Per Capita <sup>2</sup>
<b>Minnesota</b>	<b>5,420,380</b>	<b>4,027</b>	<b>74.3</b>	<b>3,013</b>	<b>55.6</b>
Douglas, Grant, Pope, Stevens, Traverse	66,646	40	60.0	30	45.0
Dodge, Steele	56,814	31	54.6	29	51.0
Fillmore, Houston	39,634	16	40.4	14	35.3
Faribault, Martin	34,613	13	37.6	12	34.7
Isanti, Mille Lacs	64,037	22	34.4	17	26.5
Kittson, Marshall, Pennington, RedLake, Roseau	47,623	18	37.8	14	29.4
Kanabec, Pine	45,100	13	28.8	9	20.0
Kandiyohi, Renville	57,576	27	46.9	22	38.2
Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	74,384	26	35.0	21	28.2
LeSueur, Waseca	46,908	19	40.5	19	40.5
Meeker, McLeod, Sibley	74,109	32	43.2	28	37.8
Mahnomen, Norman, Polk	43,732	21	48.0	19	43.4
Morrison, Todd, Wadena	71,058	28	39.4	24	33.8

Sources: Minnesota Board of Dentistry, prepared by the MDH, Office of Rural Health and Primary Care and US Census

<sup>1</sup>This includes dentists who maintain a license but may not actively practicing

<sup>2</sup> Per 100,000 Population. The per capita measurement of dentist-to-population ratio provides a limited approach to estimating the distribution of the dentist workforce. Ratios can be used to make comparisons among counties that differ in population size, but it doesn't account for transportation across state and county borders to obtain or deliver services.

**Morbidity Table 17: Uninsurance Rates for Population Under Age 65  
from Census Small Area Health Insurance Estimates  
By State and County, 2010**

State/County/CHB	Number		Percent	
	Population Under Age 65	Currently Uninsured	Currently Uninsured	Uninsured Margin of Error
<b>Minnesota</b>	<b>4,552,568</b>	<b>462,930</b>	<b>10.2</b>	<b>0.2</b>
Aitkin	11,644	1,575	13.5	1.3
Anoka	296,102	27,678	9.3	0.7
Becker	26,931	3,508	13.0	1.1
Beltrami	37,992	5,826	15.3	1.4
Benton	33,864	3,356	9.9	1.2
Big Stone	3,901	436	11.2	1.2
Blue Earth	53,185	5,475	10.3	1.2
Brown	20,018	1,733	8.7	0.9
Carlton	28,877	3,242	11.2	1.0
Carver	83,470	5,395	6.5	0.7
Cass	22,242	3,196	14.4	1.2
Chippewa	9,889	1,054	10.7	1.1
Chisago	45,953	3,962	8.6	0.9
Clay	49,276	4,512	9.2	1.0
Clearwater	7,111	1,087	15.3	1.4
Cook	4,108	545	13.3	1.4
Cottonwood	9,149	1,048	11.5	1.2
Crow Wing	50,563	5,369	10.6	1.0
Dakota	357,495	30,765	8.6	0.7
Dodge	17,542	1,572	9.0	0.9
Douglas	28,755	2,790	9.7	1.0
Faribault	11,213	1,294	11.5	1.1
Fillmore	16,713	2,042	12.2	1.2
Freeborn	24,634	2,693	10.9	1.0
Goodhue	37,972	3,728	9.8	1.0
Grant	4,667	522	11.2	1.2
Hennepin	1,019,306	111,547	10.9	0.6
Houston	15,433	1,439	9.3	0.9

**Morbidity Table 17: Uninsurance Rates for Population Under Age 65  
from Census Small Area Health Insurance Estimates  
By State and County, 2010**

State/County/CHB	Number		Percent	
	Population Under Age 65	Currently Uninsured	Currently Uninsured	Uninsured Margin of Error
<b>Minnesota</b>	<b>4,552,568</b>	<b>462,930</b>	<b>10.2</b>	<b>0.2</b>
Hubbard	15,909	1,895	11.9	1.1
Isanti	33,127	3,153	9.5	1.0
Itasca	35,999	4,203	11.7	1.1
Jackson	8,139	814	10.0	1.1
Kanabec	13,402	1,527	11.4	1.1
Kandiyohi	34,817	3,863	11.1	1.0
Kittson	3,476	350	10.1	1.1
Koochiching	10,541	1,299	12.3	1.2
Lac qui Parle	5,481	547	10.0	1.0
Lake	8,307	839	10.1	1.1
Lake of the Woods	3,196	440	13.8	1.4
Le Sueur	23,534	2,289	9.7	1.0
Lincoln	4,372	498	11.4	1.2
Lyon	21,531	2,235	10.4	1.1
McLeod	30,443	2,882	9.5	1.0
Mahnomen	4,686	695	14.8	1.5
Marshall	7,617	855	11.2	1.1
Martin	16,288	1,609	9.9	1.0
Meeker	19,171	2,121	11.1	1.1
Mille Lacs	21,534	2,686	12.5	1.2
Morrison	27,649	3,272	11.8	1.1
Mower	32,408	3,924	12.1	1.1
Murray	6,656	745	11.2	1.1
Nicollet	26,658	2,177	8.2	1.0
Nobles	17,929	2,913	16.2	1.5
Norman	5,379	631	11.7	1.2
Olmsted	125,145	10,643	8.5	0.8

**Morbidity Table 17: Uninsurance Rates for Population Under Age 65  
from Census Small Area Health Insurance Estimates  
By State and County, 2010**

State/County/CHB	Number		Percent	
	Population Under Age 65	Currently Uninsured	Currently Uninsured	Uninsured Margin of Error
<b>Minnesota</b>	<b>4,552,568</b>	<b>462,930</b>	<b>10.2</b>	<b>0.2</b>
Otter Tail	44,685	4,630	10.4	0.9
Pennington	11,682	1,082	9.3	1.0
Pine	23,055	2,885	12.5	1.2
Pipestone	7,582	981	12.9	1.2
Polk	25,520	2,688	10.5	1.1
Pope	8,520	848	10.0	1.1
Ramsey	440,697	53,298	12.1	0.8
Red Lake	3,378	434	12.9	1.3
Redwood	12,786	1,536	12.0	1.1
Renville	12,361	1,372	11.1	1.1
Rice	49,459	5,219	10.6	1.0
Rock	7,723	778	10.1	1.1
Roseau	13,192	1,307	9.9	1.0
St. Louis	162,213	16,330	10.1	0.8
Scott	120,537	9,372	7.8	0.8
Sherburne	79,597	6,736	8.5	0.9
Sibley	12,633	1,476	11.7	1.1
Stearns	126,007	13,098	10.4	1.0
Steele	30,891	2,763	8.9	0.9
Stevens	7,356	756	10.3	1.3
Swift	7,655	757	9.9	1.0
Todd	20,375	3,024	14.8	1.3
Traverse	2,601	355	13.7	1.3
Wabasha	17,699	1,659	9.4	1.0
Wadena	10,723	1,246	11.6	1.2
Waseca	15,207	1,514	10.0	1.1
Washington	211,098	13,804	6.5	0.6
Watonwan	9,036	1,398	15.5	1.5
Wilkin	5,343	512	9.6	1.0
Winona	40,526	4,228	10.4	1.2
Wright	112,809	9,515	8.4	0.8
Yellow Medicine	8,220	840	10.2	1.1

**Morbidity Table 17: Uninsurance Rates for Population Under Age 65  
from Census Small Area Health Insurance Estimates  
By State and County, 2010**

State/County/CHB	Number		Percent	
	Population Under Age 65	Currently Uninsured	Currently Uninsured	Uninsured Margin of Error
<b>Minnesota</b>	<b>4,552,568</b>	<b>462,930</b>	<b>10.2</b>	<b>0.2</b>
CHB - Aitkin, Itasca, Koochiching	58,184	7,077	12.2	NA
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	64,208	9,248	14.4	NA
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	35,146	3,634	10.3	NA
CHB - Brown, Nicollet	46,676	3,910	8.4	NA
CHB - Carlton, Cook, Lake, St. Louis	203,505	20,956	10.3	NA
CHB - Cottonwood, Jackson	17,288	1,862	10.8	NA
CHB - Clay, Wilkin	54,619	5,024	9.2	NA
CHB - Douglas, Grant, Pope, Stevens, Traverse	51,899	5,271	10.2	NA
CHB - Dodge, Steele	48,433	4,335	9.0	NA
CHB - Fillmore, Houston	32,146	3,481	10.8	NA
CHB - Faribault, Martin	27,501	2,903	10.6	NA
CHB - Isanti, Mille Lacs	54,661	5,839	10.7	NA
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	39,345	4,028	10.2	NA
CHB - Kanabec, Pine	36,457	4,412	12.1	NA
CHB - Kandiyohi, Renville	47,178	5,235	11.1	NA
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	60,650	6,773	11.2	NA
CHB - LeSueur, Waseca	38,741	3,803	9.8	NA
CHB - Meeker, McLeod, Sibley	62,247	6,479	10.4	NA
CHB - Mahnommen, Norman, Polk	35,585	4,014	11.3	NA
CHB - Morrison, Todd, Wadena	58,747	7,542	12.8	NA

Source: Census, Small Area Health Insurance Estimates (SAHIE)

<http://www.census.gov/did/www/sahie/data/interactive/>

SAHIE program produces model-based estimates of health insurance coverage for states and all counties. The SAHIE program models health insurance coverage by combining survey data with population estimates and administrative records. SAHIE estimates are based on data from the following sources: American Community Survey (ACS); demographic population estimates; aggregated federal tax returns; participation records for the Supplemental Nutrition Assistance Program (SNAP), formerly known as the Food Stamp program; County Business Patterns; Medicaid and Children's Health Insurance Program (CHIP) participation records; and Census 2000. These estimates only apply to the population under age 65 because most people ages 65 and over are covered by Medicare or Supplemental Security Income (SSI). According to recent Annual Social and Economic Supplement to the Current Population Survey data, less than 2 percent of the 65+ population were uninsured nation-wide. See the next pages for more on the methodology.









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## **SAHIE 2008 - 2011 Demographic and Income Model Methodology, Summary for Counties and for States**

<http://www.census.gov/did/www/sahie/methods/20082010/index.htm>

The 2011 SAHIE estimates utilize the American Community Survey (ACS) as the base, similar to the estimates for 2008, 2009 and 2010. For years prior to 2008, the SAHIE estimates utilized the Annual Social and Economic Supplement to the Current Population Survey (CPS ASEC). Other input data sources remain the same, as described further on this page. The definitions of health insurance coverage differ between the two surveys. Insured was defined from the CPS ASEC as being covered SOME TIME during the past calendar year. The ACS health insurance question asks "Is this person CURRENTLY covered by [specifically stated] health insurance or health coverage plans?" Due to these definitional differences, comparisons between 2008-11 SAHIE estimates and earlier years are not recommended.

### **Model Summary**

For estimation, SAHIE uses statistical models that combine survey data from the American Community Survey (ACS) with administrative records data and Census data. The models are "area level" models because we use survey estimates and administrative data at certain levels of aggregation, rather than individual survey and administrative records. Our modeling approach is similar to that of common models developed for small area estimation, but with some additional complexities.

The published estimates are based on aggregates of modeled demographic groups. For states, we model at a base level defined by the full cross-classification of: five age groups, four race/ethnicity groups, both sexes and five income groups. For counties, we model at a base level defined by the same age, sex and income groups, but no race/ethnicity breakdown.

We use estimates from the Census Bureau's Population Estimates Program for the population in groups defined for states by age by race/ethnicity by sex, and for counties by age by sex. We treat these populations as known. Within each of these groups, the number with health insurance coverage in any of the income categories is given by that population multiplied by two unknown proportions to be estimated: the proportion in the income category and the proportion insured within that income category. The models have two largely distinct parts - an "income part" and an "insurance part" - that correspond to these proportions. We use survey estimates of the proportions in the income groups and of the proportion insured within those groups. We assume these survey estimates are unbiased. We also assume functional forms for the variances of the survey estimates that involve parameters that are estimated.

We treat supplemental variables that predict one or both of the unknown income and insurance proportions in two ways: some of these variables are fixed predictors in regression components of the model; others are random, modeled in ways similar to the survey data.

There is a regression component in both the income and insurance parts of the model. In each case, a transformation of the proportion is predicted by a linear combination of fixed predictors. Some of these predictors are categorical variables that define demographic groups; others are continuous. The continuous fixed predictors include variables regarding employment from the County Business Patterns data file, educational employment, and demographic population.

The supplemental variables we treat as random include data from the decennial census, aggregated federal income tax data, and participation in the Supplemental Nutrition Assistance Program and Medicaid/Children's Health Insurance Program. For 2010, the decennial census data was replaced with lagged ACS five-year estimates. We model these in ways similar to survey estimates, in that their distributions depend on the proportions being estimated. But they are not unbiased estimators of these proportions or related totals. Instead, we assume that their expectations are parametric functions of either the total or the number insured in an income group. We typically assume they are normally distributed with variances that depend on unknown parameters.

We formulate the model in a Bayesian framework and report the posterior means as the point estimates. We use the posterior means and variances together with a normal approximation to calculate symmetric 90-percent confidence intervals, and report their half-widths as the margins of error.

### **Controlling to National Estimates**

We control the estimates to be consistent with specified national totals. As a result, when the estimates are summed over the states, they match specified national ACS survey estimates. We match the national estimates for both the number insured and the number uninsured for the following groups:

Hispanic, ages 0-64  
Non-Hispanic, ages 0-64  
White non-Hispanic, ages 0-64  
Black non-Hispanic, ages 0-64  
Ages 0-64 in IPR 0-200%  
Ages 0-18 in IPR 0-200% Ages 19-64

Our margin of error estimates take into account that these controls are not without error. We also control the estimates from the SAHIE county models to the state small area estimates of the number insured and uninsured by demographic group. As a result, there is arithmetic consistency across the geographic levels for many of the demographic groups

**Morbidity Table 18: Minnesota Behavioral Risk Factors<sup>^</sup> of Adults -  
County Synthetic Estimates and State Estimates, 2012\***

State/County	Estimated Percent of:				
	Overweight (Not Obese)**	Obese	Current Smokers	Acute Drinking	Chronic Drinking
<b>State of Minnesota</b>	<b>37.3</b>	<b>25.9</b>	<b>18.8</b>	<b>22.1</b>	<b>6.3</b>
Aitkin	38.7	27.3	16.2	17.2	5.8
Anoka	37.1	26.3	19.4	23.0	6.5
Becker	37.8	26.6	17.8	20.2	6.1
Beltrami	36.4	25.1	18.8	22.5	6.4
Benton	36.8	25.5	19.3	23.3	6.4
Big Stone	38.2	26.3	16.4	17.9	5.8
Blue Earth	35.2	23.5	19.4	24.4	6.5
Brown	37.4	25.8	17.6	20.2	6.1
Carlton	37.8	26.4	18.6	21.8	6.3
Carver	37.2	26.4	19.4	23.1	6.5
Cass	38.3	27.0	17.1	18.9	6.0
Chippewa	37.6	26.1	17.5	19.9	6.0
Chisago	37.6	26.5	19.0	22.5	6.4
Clay	35.8	24.2	19.2	23.6	6.5
Clearwater	37.8	26.5	17.7	20.1	6.1
Cook	38.1	27.3	17.1	18.6	5.9
Cottonwood	37.9	26.2	17.0	19.1	5.9
Crow Wing	37.7	26.4	17.7	20.1	6.1
Dakota	37.0	26.2	19.3	22.8	6.5
Dodge	37.4	26.3	18.9	22.2	6.3
Douglas	37.6	26.1	17.6	20.1	6.1
Faribault	37.9	26.3	17.1	19.0	5.9
Fillmore	37.8	26.2	17.6	19.9	6.0
Freeborn	37.8	26.2	17.5	19.9	6.0
Goodhue	37.6	26.3	18.0	20.5	6.1
Grant	38.1	26.4	17.0	19.0	5.9
Hennepin	36.6	25.7	19.5	23.4	6.5
Houston	37.7	26.4	17.7	20.1	6.1
Hubbard	38.2	26.9	17.1	18.9	6.0
Isanti	37.4	26.2	18.9	22.3	6.4
Itasca	37.8	26.7	17.5	19.6	6.0
Jackson	37.9	26.2	17.6	20.1	6.0
Kanabec	37.8	26.7	18.0	20.5	6.1
Kandiyohi	37.2	25.8	18.2	21.1	6.2
Kittson	38.4	26.7	16.8	18.5	5.8
Koochiching	38.0	26.8	17.3	19.3	6.0
Lac Qui Parle	38.4	26.6	16.6	18.2	5.8
Lake	38.3	26.7	17.0	18.8	5.9
Lake of the Woods	38.4	27.3	17.2	18.9	6.0
Le Sueur	37.7	26.5	18.4	21.4	6.2
Lincoln	38.3	26.2	16.6	18.4	5.8
Lyon	36.6	25.2	18.9	22.6	6.4
McLeod	37.4	26.2	18.3	21.2	6.2
Mahnomen	37.5	26.2	17.8	20.5	6.1
Marshall	38.1	26.5	17.7	20.1	6.0
Martin	37.8	26.3	17.3	19.3	5.9

**Morbidity Table 18: Minnesota Behavioral Risk Factors<sup>^</sup> of Adults -  
County Synthetic Estimates and State Estimates, 2012\***

State/County	Estimated Percent of:				
	Overweight (Not Obese)**	Obese	Current Smokers	Acute Drinking	Chronic Drinking
<b>State of Minnesota</b>	<b>37.3</b>	<b>25.9</b>	<b>18.8</b>	<b>22.1</b>	<b>6.3</b>
Meeker	37.9	26.5	18.0	20.6	6.1
Mille Lacs	37.6	26.2	18.2	21.0	6.2
Morrison	37.6	26.3	18.2	21.0	6.2
Mower	37.4	25.8	18.1	21.0	6.1
Murray	38.2	26.5	16.9	18.7	5.9
Nicollet	36.2	24.8	19.0	23.1	6.4
Nobles	37.4	25.8	18.5	21.9	6.2
Norman	38.1	26.4	17.0	18.9	5.9
Olmsted	36.9	25.9	19.0	22.5	6.4
Otter Tail	38.0	26.5	17.2	19.3	6.0
Pennington	37.1	25.8	18.5	21.7	6.2
Pine	38.2	26.7	18.4	21.5	6.3
Pipestone	37.7	26.0	17.4	19.7	6.0
Polk	37.2	25.7	18.2	21.3	6.2
Pope	38.0	26.5	17.2	19.2	5.9
Ramsey	36.3	25.2	19.2	23.1	6.4
Red Lake	37.8	26.5	18.0	20.5	6.1
Redwood	37.8	26.2	17.4	19.7	6.0
Renville	38.0	26.4	17.6	20.0	6.0
Rice	36.6	25.0	19.0	23.2	6.5
Rock	37.8	26.2	17.4	19.7	6.0
Roseau	38.0	26.6	18.4	21.3	6.2
St. Louis	36.9	25.5	18.3	21.6	6.3
Scott	37.1	26.3	19.8	23.9	6.5
Sherburne	37.1	26.1	19.8	24.0	6.6
Sibley	37.7	26.3	18.1	20.9	6.2
Stearns	36.2	24.8	19.1	23.3	6.5
Steele	37.4	26.2	18.5	21.5	6.2
Stevens	36.1	24.1	18.2	22.2	6.3
Swift	37.9	26.2	17.4	19.8	6.0
Todd	37.8	26.5	17.8	20.4	6.1
Traverse	38.2	26.1	16.4	17.9	5.7
Wabasha	37.8	26.5	17.9	20.4	6.1

**Morbidity Table 18: Minnesota Behavioral Risk Factors<sup>^</sup> of Adults -  
County Synthetic Estimates and State Estimates, 2012\***

State/County	Estimated Percent of:				
	Overweight (Not Obese)**	Obese	Current Smokers	Acute Drinking	Chronic Drinking
<b>State of Minnesota</b>	<b>37.3</b>	<b>25.9</b>	<b>18.8</b>	<b>22.1</b>	<b>6.3</b>
Wadena	37.7	26.0	17.3	19.6	6.0
Waseca	36.9	26.0	18.4	21.1	6.2
Washington	37.2	26.4	19.1	22.4	6.4
Watonwan	37.7	26.1	17.7	20.2	6.0
Wilkin	37.9	26.3	17.8	20.4	6.1
Winona	35.5	23.9	18.6	23.0	6.4
Wright	37.2	26.3	19.5	23.3	6.5
Yellow Medicine	37.8	26.2	17.7	20.2	6.1

Source: Minnesota Department of Health, Behavioral Risk Factor Surveillance System

<sup>^</sup>See next page for definitions

\*\*Note: In previous County Health Tables, estimated percent of overweight included obesity.

**Synthetic Estimates:** County level estimated percentages for behavioral risk factors represent the percent of adults considered to be at risk for those behaviors in that county.

These estimated percentages were derived through a synthetic estimation method, which adjusts statewide BRFSS percentages by the age and gender distributions of adults in each county.

**Morbidity Table 19: Minnesota Behavioral Risk Factors<sup>^\*</sup> of Adults -  
County Synthetic Estimates and State Estimates, 2012**

State/County	Estimated Percent of:		
	Health Status (fair or poor)**	Reporting Limitations***	No Exercise
<b>State of Minnesota</b>	<b>11.8</b>	<b>17.6</b>	<b>17.4</b>
Aitkin	14.1	21.2	19.6
Anoka	11.5	17.2	17.0
Becker	12.8	19.2	18.4
Beltrami	11.6	17.2	17.2
Benton	11.5	17.2	17.3
Big Stone	13.9	20.8	19.7
Blue Earth	10.6	15.6	16.2
Brown	12.8	19.1	18.5
Carlton	12.3	18.3	17.8
Carver	11.4	17.1	17.0
Cass	13.3	20.0	18.8
Chippewa	13.0	19.5	18.7
Chisago	11.8	17.7	17.4
Clay	11.0	16.2	16.6
Clearwater	12.9	19.3	18.5
Cook	13.5	20.3	18.9
Cottonwood	13.4	20.0	19.1
Crow Wing	12.8	19.2	18.4
Dakota	11.5	17.3	17.1
Dodge	11.9	17.8	17.5
Douglas	12.9	19.2	18.5
Faribault	13.4	20.1	19.1
Fillmore	13.0	19.5	18.7
Freeborn	13.0	19.4	18.7
Goodhue	12.7	19.0	18.3
Grant	13.5	20.1	19.1
Hennepin	11.4	17.0	17.1
Houston	12.9	19.3	18.5
Hubbard	13.4	20.0	18.9
Isanti	11.8	17.7	17.5
Itasca	13.1	19.6	18.6
Jackson	13.0	19.4	18.7
Kanabec	12.7	19.0	18.2
Kandiyohi	12.4	18.5	18.0
Kittson	13.7	20.5	19.3
Koochiching	13.2	19.8	18.8
Lac Qui Parle	13.9	20.8	19.6
Lake	13.6	20.3	19.1
Lake of the Woods	13.4	20.2	18.9
Le Sueur	12.3	18.5	17.9
Lincoln	13.8	20.6	19.6
Lyon	11.7	17.4	17.4
McLeod	12.4	18.5	18.1
Mahnomen	12.6	18.8	18.2
Marshall	13.0	19.4	18.7
Martin	13.3	19.9	19.0



**Morbidity Table 19: Minnesota Behavioral Risk Factors<sup>^\*</sup> of Adults -  
County Synthetic Estimates and State Estimates, 2012**

State/County	Estimated Percent of:		
	Health Status (fair or poor)**	Reporting Limitations***	No Exercise
<b>State of Minnesota</b>	<b>11.8</b>	<b>17.6</b>	<b>17.4</b>
Meeker	12.7	19.0	18.3
Mille Lacs	12.4	18.6	18.1
Morrison	12.5	18.7	18.2
Mower	12.6	18.7	18.3
Murray	13.6	20.3	19.3
Nicollet	11.3	16.7	16.9
Nobles	12.2	18.2	17.9
Norman	13.4	20.1	19.1
Olmsted	11.8	17.6	17.5
Otter Tail	13.3	19.9	18.9
Pennington	12.1	18.1	17.8
Pine	12.5	18.6	18.0
Pipestone	13.1	19.6	18.9
Polk	12.3	18.3	18.0
Pope	13.4	20.0	19.0
Ramsey	11.4	17.0	17.1
Red Lake	12.8	19.2	18.5
Redwood	13.1	19.6	18.8
Renville	13.1	19.5	18.8
Rice	11.3	16.8	16.9
Rock	13.1	19.6	18.8
Roseau	12.4	18.5	17.9
St. Louis	12.1	18.0	17.6
Scott	11.1	16.6	16.7
Sherburne	11.1	16.6	16.7
Sibley	12.6	18.8	18.3
Stearns	11.2	16.6	16.8
Steele	12.3	18.3	17.9
Stevens	11.7	17.3	17.4
Swift	13.1	19.6	18.8
Todd	12.8	19.1	18.3
Traverse	14.0	20.9	19.8
Wabasha	12.7	19.0	18.3
Wadena	13.1	19.6	18.9
Waseca	12.2	18.4	18.0
Washington	11.7	17.6	17.3
Watonwan	12.9	19.3	18.6
Wilkin	12.8	19.1	18.4
Winona	11.1	16.3	16.6
Wright	11.4	17.1	17.0
Yellow Medicine	13.0	19.3	18.6

Source: Minnesota Department of Health, Behavioral Risk Factor Surveillance System

<sup>^</sup>See page next page for definitions

\*estimate of those who perceive their health status to be fair or poor

\*\*\*in any activities because of any impairment or health problem

**Synthetic Estimates:** County level estimated percentages for behavioral risk factors represent the percent of adults considered to be at risk for those behaviors in that county.

These estimated percentages were derived through a synthetic estimation method, which adjusts statewide BRFSS percentages by the age and gender distributions of adults in each county.

## **Morbidity Tables 18 and 19:**

### **Definitions for Behavior Risk Factors of Adults**

**Behavioral Risk Factor Surveillance System (BRFSS):** A continuous monthly telephone survey that monitors health risk behaviors that has impact on chronic diseases and disabilities. Approximately, 4800 interviews of adults 18 years and older are completed yearly.

**Smoking:** Current regular smoker (ever smoked 100 cigarettes and now smokes every day or some days).

**Overweight:** The prevalence of overweight is defined as a Body Mass Index (BMI)  $[(\text{weight in kilograms})/(\text{height in meters})^2]$  is between 25.0 to 29.9.

**Obese:** The prevalence of obese is defined as a Body Mass Index (BMI)  $[(\text{weight in kilograms})/(\text{height in meters})^2]$  greater than or equal to 30.0.

**Acute Drinking:** Respondents who report they have consumed five or more drinks on an occasion, one or more times in the month prior to the survey.

**Chronic Drinking:** Chronic drinking of adults is defined as the percent of male respondents 18 and older who report an average of more than two drinks per day and female respondents 18 and older who report an average of more than one drink per day.

**Limitation of Activities:** The percent of adults who are limited in any activities because of physical mental or emotional problems, OR those adults who have a health impairment that requires the use of special equipment, such as cane, a wheelchair, a special bed or special telephone.

**No Exercise:** Percent of respondents who reported no physical activities during the past month, other than regular job.

**Hypertension:** Percent of respondents who have EVER been told by a doctor, nurse or other health professional that they have high blood pressure.

## Section E: Injury

### Tables

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Table 1: Unintentional Injuries, Assaults (Homicides) and Self-directed Violence (Suicides), Number

Table 2: Unintentional Injuries, Assaults and Self-directed Violence, Age Adjusted Rates

Table 3: Top Five Non Fatal Emergency Department Visits, Non Fatal Hospitalizations and Deaths

Table 3: Instructions

Table 4: Falls 0 to 64 years and 65 years and older, Number

Table 5: Falls 0 to 64 years and 65 years and older, Age Adjusted Rates

Table 7: Minnesota Nonfatal Hospitalized Spinal Cord

Table 8: Motor Vehicle Deaths, Number

Table 9: Motor Vehicle Deaths, Age Adjusted Rates

Table 10: Motor Vehicle Injuries by Severity in Minnesota

Table 11: Seatbelt Use by Vehicle Occupant Killed or Injured in Minnesota

Table 12: Minnesota Alcohol-Related Motor Vehicle Fatalities and Injuries

Table 13: Minnesota Impaired Driving Incidents on Record by County of Occurrence

Table 14: Minnesota Impaired Driving Incidents on Record by County of Residence

**Injury Table 1: Unintentional Injuries, Assaults (Homicides) and Self-directed Violence (Suicides)  
Number, Minnesota 2008-2012**

	Number								
	Unintentional Injury			Assaults			Self-directed Violence		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
<b>State of Minnesota</b>	<b>1,388,260</b>	<b>139,344</b>	<b>10,788</b>	<b>68,249</b>	<b>5,461</b>	<b>550</b>	<b>13,936</b>	<b>17,210</b>	<b>3,117</b>
Aitkin	5,754	482	64	149	8	2	33	27	10
Anoka	71,718	7,456	535	3,538	291	29	823	1,218	212
Becker	10,938	773	88	580	22	0	148	68	22
Beltrami	15,254	1,136	115	1,217	91	14	249	80	29
Benton	10,645	1,213	69	349	14	2	120	208	26
Big Stone	1,112	97	15	26	1	2	10	3	3
Blue Earth	15,490	1,420	85	700	34	5	152	283	32
Brown	9,172	792	57	161	12	0	65	124	13
Carlton	9,245	1,057	93	407	32	3	103	60	34
Carver	18,919	1,710	142	412	28	6	196	172	45
Cass	8,843	992	104	478	38	7	96	59	11
Chippewa	4,663	484	33	131	7	2	44	34	5
Chisago	20,556	1,393	131	396	37	4	124	151	38
Clay	1,407	113	102	38	7	2	13	11	32
Clearwater	2,926	232	19	120	6	1	34	10	4
Cook	1,754	128	15	47	3	0	12	5	3
Cottonwood	3,502	231	25	77	.	0	31	7	11
Crow Wing	24,912	2,296	145	688	42	4	259	166	37
Dakota	77,538	8,291	661	2,752	257	21	806	1,224	233
Dodge	5,839	751	32	110	10	3	29	70	25
Douglas	9,574	1,090	75	206	12	1	150	69	20
Faribault	2,136	462	42	43	7	1	13	35	6
Fillmore	4,829	667	72	62	9	0	28	43	11
Freeborn	8,601	944	96	314	20	2	69	84	20
Goodhue	14,853	1,623	173	377	27	3	171	131	36
Grant	1,758	238	17	27	.	0	16	10	6
Hennepin	290,531	35,303	2,400	25,077	2,151	211	3,029	4,255	602
Houston	435	45	50	7	1	0	3	9	11
Hubbard	6,862	424	55	159	2	4	78	27	20
Isanti	10,029	1,033	79	324	24	1	113	113	20
Itasca	17,535	1,250	131	565	34	3	174	102	33
Jackson	2,578	121	18	43	.	0	46	6	9
Kanabec	7,667	536	42	192	12	2	32	40	15
Kandiyohi	10,091	1,137	97	398	22	1	145	178	24
Kittson	444	42	11	8	.	0	1	.	2
Koochiching	5,938	336	44	158	5	1	50	15	12
Lac Qui Parle	1,545	178	32	31	1	0	15	7	8
Lake	3,851	318	28	91	8	0	23	19	8
Lake of the Woods	1,113	118	15	16	3	0	7	1	1
Le Sueur	7,003	609	39	143	10	6	67	59	15
Lincoln	1,068	44	13	12	.	1	10	5	2
Lyon	6,510	372	53	185	4	1	76	68	11
McLeod	11,224	1,087	81	205	15	1	52	77	28
Mahnomen	1,530	86	19	226	6	3	36	12	3
Marshall	1,916	117	17	33	2	0	14	4	3
Martin	6,949	792	48	129	15	2	30	60	14
Meeker	5,152	607	57	108	3	0	30	48	14
Mille Lacs	16,765	1,126	89	747	47	1	145	99	17

**Injury Table 1: Unintentional Injuries, Assaults (Homicides) and Self-directed Violence (Suicides)  
Number, Minnesota 2008-2012**

	Number								
	Unintentional Injury			Assaults			Self-directed Violence		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
<b>State of Minnesota</b>	<b>1,388,260</b>	<b>139,344</b>	<b>10,788</b>	<b>68,249</b>	<b>5,461</b>	<b>550</b>	<b>13,936</b>	<b>17,210</b>	<b>3,117</b>
Morrison	11,775	824	87	278	7	6	88	54	30
Mower	10,993	1,155	97	436	32	1	84	143	24
Murray	2,194	129	25	38	2	1	34	6	9
Nicollet	8,106	695	39	272	5	1	123	135	19
Nobles	5,720	315	40	183	3	1	98	41	12
Norman	1,106	27	17	19	.	0	11	1	5
Olmsted	39,850	4,020	260	1,117	152	13	268	675	76
Otter Tail	18,928	1,686	142	430	4	3	276	79	32
Pennington	4,398	227	37	144	2	1	54	24	9
Pine	10,582	816	84	393	28	1	72	60	23
Pipestone	2,353	109	29	56	3	0	55	4	4
Polk	5,535	377	92	194	8	2	53	22	18
Pope	3,441	450	34	67	7	0	19	17	5
Ramsey	131,539	16,099	895	9,854	1,018	94	1,314	2,460	272
Red Lake	936	71	10	29	1	0	10	.	4
Redwood	4,220	403	45	42	7	1	21	30	9
Renville	4,758	513	47	115	9	1	36	45	18
Rice	15,104	1,109	124	534	29	1	115	115	36
Rock	2,327	148	42	30	3	0	29	9	5
Roseau	5,486	106	31	75	1	2	31	10	9
St. Louis	71,180	6,051	522	4,121	256	17	911	717	153
Scott	36,635	2,548	195	955	49	5	332	265	60
Sherburne	25,368	2,229	133	855	50	3	276	380	64
Sibley	3,297	340	49	62	1	0	16	22	12
Stearns	29,255	3,144	238	1,205	82	10	304	521	98
Steele	8,880	974	82	378	22	0	100	181	22
Stevens	637	427	24	13	3	2	5	11	5
Swift	2,486	287	32	70	3	0	24	20	1
Todd	6,861	476	58	121	7	2	44	37	17
Traverse	788	49	12	13	.	1	7	1	2
Wabasha	4,493	502	58	81	8	1	26	40	13
Wadena	3,155	217	30	52	4	0	24	16	10
Waseca	5,875	514	33	134	8	0	44	67	9
Washington	65,985	6,217	316	2,229	203	19	545	941	122
Watonwan	2,759	278	29	65	3	2	20	30	8
Wilkin	1,731	102	15	35	1	1	27	9	1
Winona	15,031	1,080	117	473	18	1	59	120	20
Wright	33,733	2,722	210	773	41	4	397	340	78
Yellow Medicine	1,818	147	32	36	1	0	11	4	5
CHB - Aitkin, Itasca, Koochiching	29,227	2,068	239	872	47	6	257	144	55
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	26,155	1,910	204	1,512	102	19	368	118	54
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	11,624	1,193	144	294	13	4	104	68	22
CHB - Brown, Nicollet	17,278	1,487	96	433	17	1	188	259	32

**Injury Table 1: Unintentional Injuries, Assaults (Homicides) and Self-directed Violence (Suicides)  
Number, Minnesota 2008-2012**

	Number								
	Unintentional Injury			Assaults			Self-directed Violence		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
<b>State of Minnesota</b>	<b>1,388,260</b>	<b>139,344</b>	<b>10,788</b>	<b>68,249</b>	<b>5,461</b>	<b>550</b>	<b>13,936</b>	<b>17,210</b>	<b>3,117</b>
CHB - Carlton, Cook, Lake, St. Louis	86,030	7,554	658	4,666	299	20	1,049	801	198
CHB - Cottonwood, Jackson	6,080	352	43	120	.	0	77	13	20
CHB - Clay, Wilkin	3,138	215	117	73	8	3	40	20	33
CHB - Douglas, Grant, Pope, Stevens, Traverse	16,198	2,254	162	326	22	4	197	108	38
CHB - Dodge, Steele	14,719	1,725	114	488	32	3	129	251	47
CHB - Fillmore, Houston	5,264	712	122	69	10	0	31	52	22
CHB - Faribault, Martin	9,085	1,254	90	172	22	3	43	95	20
CHB - Isanti, Mille Lacs	26,794	2,159	168	1,071	71	2	258	212	37
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	13,180	563	106	289	6	3	110	38	27
CHB - Kanabec, Pine	18,249	1,352	126	585	40	3	104	100	38
CHB - Kandiyohi, Renville	14,849	1,650	144	513	31	2	181	223	42
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	18,672	1,205	207	363	19	4	225	122	40
CHB - LeSueur, Waseca	12,878	1,123	72	277	18	6	111	126	24
CHB - Meeker, McLeod, Sibley	19,673	2,034	187	375	19	1	98	147	54
CHB - Mahnommen, Norman, Polk	8,171	490	128	439	14	5	100	35	26
CHB - Morrison, Todd, Wadena	21,791	1,517	175	451	18	8	156	107	57

Source: Minnesota Department of Health, Center for Health Statistics and Minnesota Hospital Association Universal Billing Data

Deaths ICD-10 Codes:

Fatal Unintentional Injury: V01-X59, Y85-Y86

Assault (Homicide): X85-Y09, Y87.1

Self-directed violence (Suicide): X60-X84, Y87.0

ED and hospitalizations:

Includes nonfatal, unduplicated Minnesota resident injury events admitted as inpatients to acute care Minnesota hospitals.

Includes any listed injury meeting the Safe States consensus definition for hospital discharge data injury surveillance:

[http://www.safestates.org/associations/5805/files/ISW5%20Final%209.13.07%20\(color\).pdf](http://www.safestates.org/associations/5805/files/ISW5%20Final%209.13.07%20(color).pdf).

Cases with missing E-codes or undetermined/other intent are not included in this table

(see Table 3 for the total number of injuries). Cases with unknown county are included in total counts only.

**Injury Table 2: Unintentional Injuries, Assaults (Homicides) and Self-directed Violence (Suicides)  
Rate per 100,000, Minnesota 2008-2012**

	Age Adjusted Rate per 100,000								
	Unintentional Injury			Assaults			Self-directed Violence		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
<b>State of Minnesota</b>	<b>5,297.6</b>	<b>494.0</b>	<b>37.8</b>	<b>264.9</b>	<b>21.1</b>	<b>2.1</b>	<b>54.4</b>	<b>66.9</b>	<b>11.5</b>
Aitkin	8,409.6	472.4	61.2	295.0	*	*	62.7	42.8	*
Anoka	4,464.0	524.7	37.4	223.2	18.3	1.7	51.8	75.0	12.5
Becker	7,302.6	401.0	50.9	455.6	17.2	*	110.9	50.0	14.4
Beltrami	6,925.7	489.0	53.8	561.1	44.5	*	109.1	36.3	12.5
Benton	5,552.3	608.2	34.7	173.0	*	*	63.3	110.3	13.8
Big Stone	4,504.4	263.3	*	134.6	*	*	*	*	*
Blue Earth	4,950.2	435.7	26.4	188.0	10.5	*	40.0	84.1	11.1
Brown	7,299.4	435.4	34.5	141.9	*	*	56.2	108.8	*
Carlton	5,473.6	532.3	48.9	267.9	20.5	*	65.5	37.8	18.5
Carver	4,296.6	448.5	38.4	105.4	6.7	*	47.3	40.2	10.5
Cass	6,980.8	604.8	65.1	458.5	32.9	*	90.3	50.5	*
Chippewa	7,758.1	555.6	41.5	263.7	*	*	83.2	63.5	*
Chisago	7,849.6	530.8	50.6	165.0	15.3	*	48.9	58.9	13.9
Clay	475.8	37.7	33.9	11.9	*	*	*	*	11.1
Clearwater	7,138.2	433.5	*	343.5	*	*	92.7	*	*
Cook	8,028.2	418.1	*	256.3	*	*	*	*	*
Cottonwood	6,388.4	245.3	30.6	172.7	*	*	71.8	*	*
Crow Wing	8,438.8	611.8	37.5	261.0	15.2	*	98.4	61.9	12.1
Dakota	3,998.9	461.2	37.1	145.5	13.5	1.1	42.6	63.8	11.5
Dodge	5,885.6	736.7	30.0	126.2	*	*	30.9	74.7	25.8
Douglas	5,577.9	452.3	33.0	136.2	*	*	97.0	45.2	10.8
Faribault	3,156.8	467.8	39.4	76.7	*	*	*	60.6	*
Fillmore	4,914.5	505.3	48.6	76.5	*	*	31.9	49.2	*
Freeborn	5,759.9	444.5	43.8	248.9	15.0	*	52.5	63.5	12.8
Goodhue	6,645.1	576.4	56.9	193.2	13.4	*	87.1	62.3	15.3
Grant	6,406.8	507.1	*	116.3	*	*	*	*	*
Hennepin	5,095.4	601.0	39.9	424.9	36.6	3.6	53.1	73.9	10.1
Houston	505.4	44.9	40.4	*	*	*	*	*	*
Hubbard	7,304.5	327.5	46.7	214.8	*	*	101.3	30.0	18.5
Isanti	5,430.2	543.5	41.8	181.8	14.0	*	63.9	65.7	10.8
Itasca	8,659.9	471.3	51.0	326.2	19.5	*	95.0	53.5	14.5
Jackson	5,279.1	153.3	*	102.6	*	*	103.8	*	*
Kanabec	10,124.1	586.3	48.1	288.6	*	*	43.4	57.1	*
Kandiyohi	4,862.9	445.9	37.5	210.8	11.7	*	73.8	88.5	11.3
Kittson	2,103.4	95.7	*	*	*	*	*	*	*
Koochiching	9,881.5	411.6	54.9	313.8	*	*	97.2	*	*
Lac Qui Parle	4,571.4	308.5	61.7	126.0	*	*	*	*	*
Lake	8,093.5	477.6	34.6	222.7	*	*	54.6	*	*
Lake of the Woods	6,074.1	465.1	*	*	*	*	*	*	*
Le Sueur	5,236.7	416.4	27.7	121.1	*	*	55.1	48.0	*
Lincoln	3,893.2	88.3	*	*	*	*	*	*	*
Lyon	4,971.4	248.7	37.2	135.5	*	*	55.6	49.4	*
McLeod	6,269.2	504.5	36.5	127.7	*	*	31.5	44.2	14.9
Mahnomen	6,302.2	311.9	*	1,092.9	*	*	154.1	*	*
Marshall	4,254.9	177.5	*	92.2	*	*	*	*	*
Martin	7,212.7	522.2	31.8	161.7	*	*	35.9	72.4	*
Meeker	4,633.9	439.4	42.2	110.6	*	*	28.4	47.0	*
Mille Lacs	13,292.0	773.3	61.9	646.4	42.5	*	121.5	82.5	*

**Injury Table 2: Unintentional Injuries, Assaults (Homicides) and Self-directed Violence (Suicides)  
Rate per 100,000, Minnesota 2008-2012**

Age Adjusted Rate per 100,000

	Unintentional Injury			Assaults			Self-directed Violence		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
<b>State of Minnesota</b>	<b>5,297.6</b>	<b>494.0</b>	<b>37.8</b>	<b>264.9</b>	<b>21.1</b>	<b>2.1</b>	<b>54.4</b>	<b>66.9</b>	<b>11.5</b>
Morrison	7,410.3	431.4	46.9	193.2	*	*	60.5	34.6	17.1
Mower	5,573.8	453.6	38.4	250.6	17.8	*	48.5	82.3	12.8
Murray	5,388.2	171.8	41.0	118.5	*	*	100.0	*	*
Nicollet	4,944.2	412.1	22.8	154.3	*	*	69.2	83.9	*
Nobles	5,277.5	228.0	33.1	185.9	*	*	96.7	41.8	*
Norman	3,492.5	55.5	*	*	*	*	*	*	*
Olmsted	5,597.0	539.3	34.2	163.3	21.9	*	39.6	100.7	10.4
Otter Tail	7,199.3	416.1	41.1	193.8	*	*	128.6	35.7	12.2
Pennington	6,470.0	275.8	48.1	224.9	*	*	85.0	36.9	*
Pine	7,495.8	492.8	53.9	299.1	21.7	*	55.0	45.9	14.5
Pipestone	4,981.7	143.1	43.1	149.3	*	*	143.9	*	*
Polk	3,556.7	186.3	52.2	134.0	*	*	38.5	15.7	*
Pope	6,691.9	560.3	54.5	162.8	*	*	*	*	*
Ramsey	5,207.9	608.9	33.3	374.6	39.3	3.6	50.6	97.1	10.6
Red Lake	4,982.3	291.1	*	186.2	*	*	*	*	*
Redwood	5,464.6	358.3	47.2	65.1	*	*	31.5	46.9	*
Renville	6,513.0	491.7	49.0	178.3	*	*	56.7	70.8	*
Rice	4,794.7	341.6	37.3	166.0	9.3	*	35.5	35.3	11.0
Rock	4,877.5	187.4	61.0	78.7	*	*	73.6	*	*
Roseau	7,356.5	123.0	35.1	122.1	*	*	45.5	*	*
St. Louis	7,440.7	515.9	43.7	433.0	26.9	*	96.3	76.7	14.5
Scott	5,722.2	509.2	39.1	163.1	8.2	*	54.5	42.9	9.6
Sherburne	5,736.7	604.1	35.5	194.2	11.3	*	62.6	85.3	14.9
Sibley	4,468.9	385.8	51.4	94.8	*	*	*	33.9	*
Stearns	3,872.2	412.8	31.0	145.1	10.7	*	38.0	67.8	13.6
Steele	4,944.3	459.3	39.0	236.4	13.3	*	62.6	110.7	12.4
Stevens	1,332.3	664.4	44.3	*	*	*	*	*	*
Swift	5,413.4	431.2	51.8	172.3	*	*	57.9	48.0	*
Todd	5,772.0	345.0	43.5	115.4	*	*	40.8	33.4	*
Traverse	4,718.0	180.5	*	*	*	*	*	*	*
Wabasha	4,389.8	401.9	45.2	91.1	*	*	26.9	41.1	*
Wadena	4,840.8	242.5	34.0	91.2	*	*	41.6	*	*
Waseca	6,381.6	466.6	31.9	158.9	*	*	50.8	81.5	*
Washington	5,741.8	567.4	28.8	207.9	19.0	*	49.4	84.3	10.2
Watonwan	5,024.7	389.8	43.4	141.7	*	*	41.5	57.7	*
Wilkin	5,550.3	217.0	*	130.2	*	*	95.2	*	*
Winona	6,110.0	395.8	42.5	180.0	*	*	21.9	48.0	7.9
Wright	5,506.5	505.5	39.7	139.5	7.4	*	69.6	57.5	13.0
Yellow Medicine	3,571.3	189.0	46.3	81.8	*	*	*	*	*
CHB - Aitkin, Itasca, Koochiching	8,834.8	458.4	53.6	318.2	17.0	*	89.4	45.9	14.7
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	6,923.0	431.7	51.0	434.5	30.2	*	102.1	32.7	13.7
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	5,399.8	365.7	47.5	166.3	*	*	54.9	36.4	9.8
CHB - Brown, Nicollet	5,901.7	419.5	28.3	148.0	*	*	63.8	92.8	11.2



**Injury Table 2: Unintentional Injuries, Assaults (Homicides) and Self-directed Violence (Suicides)  
Rate per 100,000, Minnesota 2008-2012**

**Age Adjusted Rate per 100,000**

	Unintentional Injury			Assaults			Self-directed Violence		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
<b>State of Minnesota</b>	<b>5,297.6</b>	<b>494.0</b>	<b>37.8</b>	<b>264.9</b>	<b>21.1</b>	<b>2.1</b>	<b>54.4</b>	<b>66.9</b>	<b>11.5</b>
CHB - Carlton, Cook, Lake, St. Louis	7,158.8	511.2	44.0	396.1	24.9	1.8	89.9	69.0	14.8
CHB - Cottonwood, Jackson	5,860.4	203.1	31.2	138.8	*	*	86.9	*	20.6
CHB - Clay, Wilkin	959.3	61.2	34.3	21.3	*	*	12.5	5.9	10.1
CHB - Douglas, Grant, Pope, Stevens, Traverse	5,070.8	483.7	39.1	116.0	7.5	*	68.9	38.1	11.6
CHB - Dodge, Steele	5,288.8	552.1	36.0	197.0	12.1	*	51.4	98.2	17.0
CHB - Fillmore, Houston	2,816.8	289.0	44.8	44.1	*	*	18.7	30.7	10.8
CHB - Faribault, Martin	5,551.5	498.6	34.9	127.4	15.7	*	30.1	67.8	11.2
CHB - Isanti, Mille Lacs	8,595.8	639.0	49.4	364.7	25.1	*	87.0	72.5	11.7
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	5,821.5	192.1	39.6	149.4	*	*	53.7	18.4	12.0
CHB - Kanabec, Pine	8,405.4	526.0	51.9	295.8	20.3	*	51.1	50.0	15.3
CHB - Kandiyohi, Renville	5,279.4	457.3	40.1	203.0	12.3	*	69.6	84.4	14.8
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	4,964.1	224.4	42.8	109.7	*	*	66.8	36.5	11.4
CHB - LeSueur, Waseca	5,688.0	437.5	28.9	136.5	*	*	53.6	61.7	10.1
CHB - Meeker, McLeod, Sibley	5,407.0	458.9	41.2	116.5	*	*	29.4	42.8	14.1
CHB - Mahnommen, Norman, Polk	3,857.5	178.4	52.9	234.6	*	*	52.6	18.3	12.0
CHB - Morrison, Todd, Wadena	6,357.5	360.9	43.5	148.5	*	*	50.3	32.7	15.6

Source: Minnesota Department of Health, Center for Health Statistics and Minnesota Hospital Association Universal Billing Data

Rates per 100,000 are age-adjusted to the US 2000 Standard Population

\*Rates not calculated for fewer than 20 events

Deaths ICD-10 Codes:

Fatal Unintentional Injury: V01-X59, Y85-Y86

Assault (Homicide): X85-Y09, Y87.1

Self-directed violence (Suicide): X60-X84, Y87.0

ED and hospitalizations:

Includes nonfatal, unduplicated Minnesota resident injury events admitted as inpatients to acute care Minnesota hospitals.

Includes any listed injury meeting the Safe States consensus definition for hospital discharge data injury surveillance:

[http://www.safestates.org/associations/5805/files/ISW5%20Final%209.13.07%20\(color\).pdf](http://www.safestates.org/associations/5805/files/ISW5%20Final%209.13.07%20(color).pdf).

Cases with missing E-codes or undetermined/other intent are not included in this table

(see Table 3 for the total number of injuries). Cases with unknown county are included in total counts only.

**Injury Table 3: Top Five Non Fatal Injury Emergency Department Visits, Non Fatal Injury Hospitalizations and Injury Deaths**

**by Manner of Intent - unintentional (UI), self-inflicted (SI), Assaults (A) and Undetermined (UN) by State, County and Community Health Board, 2008-2012**

Select county and/or Community Health Boards (CHB):

**Aitkin**

State of Minnesota

ED Visits				Hospitalizations				Deaths		
Rank	Type	Intent	Number	Type	Intent	Number	Type	Intent	Number	
1	Fall	UI	448,176	Fall	UI	81,938	Fall	UI	4,026	
2	Struck by	UI	232,702	Poisoning	SI	12,575	Poisoning	UI	2,015	
3	Cut	UI	145,426	Poisoning	UI	9,305	Motorvehicle	UI	1,705	
4	Overexertion	UI	116,099	Motorvehicle	UI	7,206	Firearm	SI	1,478	
5	Motorvehicle	UI	81,403	Struck by	UI	4,497	Suffocation	SI	778	
<b>All Injuries</b>			<b>1,588,511</b>	<b>All Injuries</b>			<b>184,926</b>	<b>All Injuries</b>		<b>14,455</b>

**Aitkin**

ED Visits				Hospitalizations				Deaths		
Rank	Type	Intent	Number	Type	Intent	Number	Type	Intent	Number	
1	Fall	UI	1,750	Fall	UI	279	Fall	UI	18	
2	Struck by	UI	737	Motorvehicle	UI	32	Poisoning	UI	11	
3	Cut	UI	643	Poisoning	UI	30	Motorvehicle	UI	10	
4	Overexertion	UI	567	Poisoning	SI	19	Firearm	SI	8	
5	Bite	UI	450	Poisoning	UN	17	Natural Env	UI	4	
<b>All Injuries</b>			<b>6,408</b>	<b>All Injuries</b>			<b>725</b>	<b>All Injuries</b>		<b>76</b>

Data Source: Minnesota Hospital Association Universal Billing Data via the MDH Injury and Violence Prevention Unit and MDH Center for Health Statistics, Death Records

There are situations in which two or three causes had the same number of events. In these cases they were ranked alphabetically by "Type".

ED Visits: Non fatal ED visits that did not result in hospitalizations.  
 Hospitalizations: nonfatal, unduplicated Minnesota resident injury events admitted as inpatients to acute care Minnesota hospitals.  
 Deaths: All fatal deaths due to injury

\*\*\*Ranked causes with less than 5 ED or hospitalization injuries in the 5-year period for a given county are not displayed. Cases with adverse effect or late effect E-codes are excluded. Cases missing E-codes or with unknown county are included in total counts only.

ICD coding and abbreviations for causes are on the tabs labeled "Hospital ED definitions" and "Death definitions" at the end of this file.

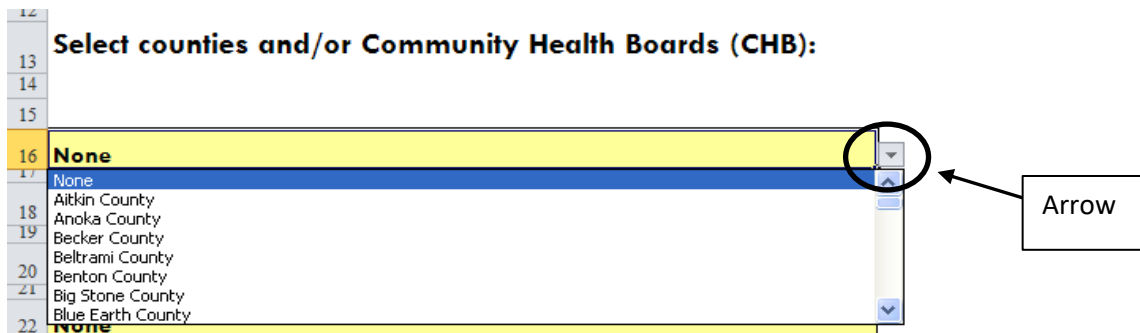
## Instructions

The following provides instructions on how to select counties and community health boards (CHB) for Injury Table 3, how to save a copy for your own use, and how to remove data protection.

### Selecting County and/or Community Health Boards(CHB)

To select a county or CHB, click on the yellow box. When you click on that box, an arrow will appear in the right hand corner of that cell. (Figure 1.) Click on that arrow for an alphabetical listing of all counties and CHBs (CHBs are located at the end of the list); scroll down and click the county or CHB of your choice.

Figure 1:



**Injury Table 4: Falls 0 to 64 years and 65 years and older  
Number, Minnesota 2008-2012**

	Number					
	0 to 64 years			65 years and older		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
<b>State of Minnesota</b>	<b>346,400</b>	<b>27,060</b>	<b>456</b>	<b>101,946</b>	<b>54,932</b>	<b>3,570</b>
Aitkin	1,135	83	1	616	196	17
Anoka	18,464	1,530	20	3,726	2,525	145
Becker	2,409	123	3	809	336	14
Beltrami	3,907	215	4	1,046	458	10
Benton	2,788	231	5	720	510	16
Big Stone	297	16	0	205	43	5
Blue Earth	3,877	269	4	1,256	647	14
Brown	2,036	132	3	888	426	17
Carlton	2,219	196	7	666	452	19
Carver	4,767	364	3	1,292	577	64
Cass	2,116	182	7	767	373	16
Chippewa	1,065	59	1	512	238	11
Chisago	4,226	240	4	1,145	492	57
Clay	318	26	2	56	17	20
Clearwater	649	22	0	233	110	3
Cook	505	31	1	161	42	4
Cottonwood	712	14	1	396	140	8
Crow Wing	5,560	382	2	2,125	975	45
Dakota	19,738	1,669	32	5,579	3,108	264
Dodge	1,481	138	0	408	296	10
Douglas	2,217	156	2	973	553	23
Faribault	509	63	0	228	226	11
Fillmore	1,141	100	2	435	306	32
Freeborn	2,002	163	4	1,133	471	39
Goodhue	3,393	287	8	1,511	689	99
Grant	362	19	1	197	132	7
Hennepin	77,504	7,228	104	20,070	13,073	1,021
Houston	85	10	0	23	10	20
Hubbard	1,370	56	2	687	211	16
Isanti	2,324	177	1	693	335	32
Itasca	3,942	212	2	1,388	480	24
Jackson	612	14	1	287	74	0
Kanabec	1,664	83	1	515	221	6
Kandiyohi	2,350	160	4	893	508	30
Kittson	100	1	0	82	33	3
Koochiching	1,473	49	3	521	143	12
Lac Qui Parle	312	17	1	232	111	11
Lake	886	66	1	390	119	7
Lake of the Woods	209	14	0	133	64	5
Le Sueur	1,546	111	0	643	233	13
Lincoln	239	3	0	159	28	5
Lyon	1,568	54	1	634	195	13
McLeod	2,454	176	4	980	503	41
Mahnomen	438	23	0	68	22	0
Marshall	395	10	0	220	73	3
Martin	1,541	133	1	731	429	16
Meeker	1,165	85	2	431	286	17

**Injury Table 4: Falls 0 to 64 years and 65 years and older  
Number, Minnesota 2008-2012**

	Number					
	0 to 64 years			65 years and older		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
<b>State of Minnesota</b>	<b>346,400</b>	<b>27,060</b>	<b>456</b>	<b>101,946</b>	<b>54,932</b>	<b>3,570</b>
Mille Lacs	3,525	177	2	1,026	403	26
Morrison	2,534	138	6	856	344	12
Mower	2,838	154	6	1,516	602	25
Murray	422	7	0	260	89	8
Nicollet	1,973	152	2	689	291	5
Nobles	1,197	31	2	652	183	6
Norman	240	3	0	121	15	3
Olmsted	11,096	825	9	2,826	1,625	106
Otter Tail	3,664	225	2	1,862	897	34
Pennington	1,134	40	1	415	98	6
Pine	2,267	139	3	720	308	11
Pipestone	514	4	1	320	70	10
Polk	1,246	60	3	445	197	16
Pope	703	61	1	365	244	9
Ramsey	35,858	3,499	57	9,015	6,223	257
Red Lake	235	12	1	67	29	0
Redwood	820	46	0	487	210	8
Renville	1,034	63	2	411	234	14
Rice	3,496	191	8	1,021	376	49
Rock	478	9	1	308	77	14
Roseau	1,146	16	0	420	46	6
St. Louis	18,488	1,394	24	4,873	2,321	193
Scott	9,648	512	5	1,514	849	63
Sherburne	6,454	496	5	1,158	708	32
Sibley	786	50	2	308	140	19
Stearns	7,268	593	10	2,190	1,304	56
Steele	2,325	173	5	921	472	26
Stevens	133	58	2	68	224	8
Swift	563	49	2	280	142	8
Todd	1,515	95	4	610	173	9
Traverse	162	6	1	123	25	2
Wabasha	998	83	2	356	186	18
Wadena	645	26	2	229	93	7
Waseca	1,386	94	1	448	220	9
Washington	16,747	1,348	24	4,361	2,240	93
Watonwan	652	51	2	279	140	7
Wilkin	403	10	0	213	68	6
Winona	3,091	163	6	1,216	529	39
Wright	8,187	603	5	1,889	961	75
Yellow Medicine	397	12	2	231	81	10
Aitkin, Itasca and Koochiching	6,550	344	6	2,525	819	53
Beltrami, Clearwater, Hubbard and Lake of the Woods	6,135	307	6	2,099	843	34

**Injury Table 4: Falls 0 to 64 years and 65 years and older  
Number, Minnesota 2008-2012**

	Number					
	0 to 64 years			65 years and older		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
<b>State of Minnesota</b>	<b>346,400</b>	<b>27,060</b>	<b>456</b>	<b>101,946</b>	<b>54,932</b>	<b>3,570</b>
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	2,634	153	6	1,460	615	45
Brown and Nicollet	4,009	284	5	1,577	717	22
Carlton, Cook, Lake and St. Louis	22,098	1,687	33	6,090	2,934	223
Cottonwood and Jackson	1,324	28	2	683	214	8
Clay and Wilkin	721	36	2	269	85	26
Douglas, Grant, Pope, Stevens and Traverse	3,577	300	7	1,726	1,178	49
Dodge and Steele	3,806	311	5	1,329	768	36
Fillmore and Houston	1,226	110	2	458	316	52
Faribault and Martin	2,050	196	1	959	655	27
Isanti and Mille Lacs	5,849	354	3	1,719	738	58
Kittson, Marshall, Pennington, Red Lake and Roseau	3,010	79	2	1,204	279	18
Kanabec and Pine	3,931	222	4	1,235	529	17
Kandiyohi and Renville	3,384	223	6	1,304	742	44
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	4,041	123	3	2,168	669	58
Le Sueur and Waseca	2,932	205	1	1,091	453	22
Meeker, McCleod and Sibley	4,405	311	8	1,719	929	77
Mahnomen, Norman and Polk	1,924	86	3	634	234	19
Morrison, Todd and Wadena	4,694	259	12	1,695	610	28

Sources: Death Records - Minnesota Department of Health, Center for Health Statistics

Hospitalization and ED data - Minnesota Hospital Association Universal Billing Data

Includes nonfatal, unduplicated Minnesota resident injury events admitted as inpatients to acute care Minnesota hospitals.

Includes any listed injury meeting the Safe States consensus definition for hospital discharge data injury surveillance:

[http://www.safestates.org/associations/5805/files/ISW5%20Final%209.13.07%20\(color\).pdf](http://www.safestates.org/associations/5805/files/ISW5%20Final%209.13.07%20(color).pdf).

Cases with adverse effect or late effect E-codes are excluded. Cases missing E-codes or with unknown county are included in total counts only.

See tab "2 codes and definitions" for ICD coding for falls.

**Injury Table 5: Falls 0 to 64 years and 65 years and older  
Age Adjusted Rate per 100,000, Minnesota 2008-2012**

	Age Adjusted Rate					
	0 to 64 years			65 years and older		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
<b>State of Minnesota</b>	<b>1,507.9</b>	<b>107.0</b>	<b>1.5</b>	<b>2,850.5</b>	<b>1,502</b>	<b>11.8</b>
Aitkin	2,087.5	112.9	*	2,964.1	955	*
Anoka	1,254.1	93.6	1	2,523.8	1,796	13.3
Becker	1,862.3	75.7	*	2,835.2	1,166	*
Beltrami	2,033.1	108.5	*	3,477.6	1,497	*
Benton	1,651.8	131.4	*	2,959.2	1,973	*
Big Stone	1,574.8	*	*	2,733.7	533	*
Blue Earth	1,468.1	98.1	*	2,993.0	1,481	*
Brown	1,953.7	105.3	*	3,218.3	1,422	*
Carlton	1,518.0	114.3	*	2,430.2	1,613	*
Carver	1,141.3	84.3	*	3,294.7	1,459	19.8
Cass	1,992.3	133.7	*	2,841.9	1,461	*
Chippewa	2,124.3	97.9	*	3,784.1	1,645	*
Chisago	1,793.8	93.3	*	3,667.1	1,581	22.8
Clay	124.3	10.1	*	155.4	.	6.2
Clearwater	1,845.7	54.7	*	2,786.2	1,296	*
Cook	2,841.4	120.3	*	3,125.9	806	*
Cottonwood	1,577.3	*	*	2,837.0	908	*
Crow Wing	2,218.1	133.8	*	3,673.9	1,682	9.7
Dakota	1,107.2	86.2	1.4	2,858.6	1,597	17.0
Dodge	1,659.7	149.4	*	3,159.0	2,254	*
Douglas	1,574.3	91.5	*	2,621.4	1,429	7
Faribault	913.7	96.5	*	1,275.6	1,191	*
Fillmore	1,387.8	106.0	*	1,953.4	1,294	14.8
Freeborn	1,623.4	115.1	*	3,248.1	1,295	11.8
Goodhue	1,775.3	128.6	*	3,562.9	1,565	26.4
Grant	1,642.0	*	*	2,689.5	1,623	*
Hennepin	1,545.2	130.7	1.5	2,885.3	1,822	17.1
Houston	119.3	*	*	134.6	.	13
Hubbard	1,739.5	53.2	*	3,464.5	1,083	*
Isanti	1,410.1	99.5	*	2,980.1	1,416	16.7
Itasca	2,314.0	98.2	*	3,206.4	1,100	6.8
Jackson	1,523.2	*	*	2,300.3	549	*
Kanabec	2,528.3	102.0	*	4,059.5	1,786	*
Kandiyohi	1,325.0	80.7	*	2,371.8	1,306	9.0
Kittson	601.6	*	*	1,357.7	493	*
Koochiching	2,990.0	70.7	*	3,920.0	1,054	*
Lac Qui Parle	1,178.9	*	*	2,264.5	996	*
Lake	2,279.3	134.5	*	3,086.9	923	*
Lake of the Woods	1,364.3	*	*	3,185.7	1,553	*
Le Sueur	1,316.1	82.9	*	3,232.6	1,168	*
Lincoln	1,076.1	*	*	1,868.2	317	*
Lyon	1,395.8	46.3	*	3,194.7	919	*
McLeod	1,589.5	98.4	*	3,229.6	1,617	15.9
Mahnomen	2,072.9	98.0	*	1,582.0	529	*
Marshall	1,063.8	*	*	2,271.5	714	*
Martin	1,936.7	133.8	*	2,901.6	1,589	*
Meeker	1,198.4	78.8	*	2,154.3	1,401	*

**Injury Table 5: Falls 0 to 64 years and 65 years and older  
Age Adjusted Rate per 100,000, Minnesota 2008-2012**

	Age Adjusted Rate					
	0 to 64 years			65 years and older		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
<b>State of Minnesota</b>	<b>1,507.9</b>	<b>107.0</b>	<b>1.5</b>	<b>2,850.5</b>	<b>1,502</b>	<b>11.8</b>
Mille Lacs	3,229.4	147.8	*	4,740.9	1,824	13.6
Morrison	1,847.5	88.7	*	3,054.7	1,210	*
Mower	1,732.9	86.9	*	3,755.5	1,439	7.6
Murray	1,265.2	*	*	2,417.3	739	*
Nicollet	1,373.0	98.2	*	3,341.2	1,384	*
Nobles	1,280.1	33.3	*	3,381.8	873	*
Norman	893.0	*	*	1,424.5	.	*
Olmsted	1,758.3	122.9	*	3,009.2	1,688	13.3
Otter Tail	1,689.4	83.9	*	2,886.9	1,355	6.1
Pennington	1,942.7	63.3	*	3,499.0	777	*
Pine	1,872.2	95.4	*	3,092.9	1,358	*
Pipestone	1,308.4	*	*	2,738.1	539	*
Polk	940.8	42.0	*	1,511.0	651	*
Pope	1,654.2	108.9	*	2,895.1	1,834	*
Ramsey	1,626.7	148.0	2.0	2,763.4	1,842	9.0
Red Lake	1,420.8	*	*	1,889.6	828	*
Redwood	1,258.6	66.7	*	2,660.2	1,063	*
Renville	1,691.9	84.3	*	2,361.8	1,319	*
Rice	1,280.7	66.7	*	2,479.2	905	14.3
Rock	1,210.5	*	*	2,900.5	612	*
Roseau	1,749.9	*	*	3,603.1	368	*
St. Louis	2,290.1	145.1	2.1	2,854.5	1,319	12.9
Scott	1,583.7	85.2	*	3,188.0	1,823	17.1
Sherburne	1,565.6	121.1	*	3,237.6	1,959	11.2
Sibley	1,230.0	74.4	*	2,289.8	1,021	*
Stearns	1,112.5	86.4	*	2,307.8	1,361	7.1
Steele	1,480.9	101.0	*	3,134.0	1,548	11
Stevens	341.3	146.7	*	787.6	2,182	*
Swift	1,460.5	108.8	*	2,379.3	1,195	*
Todd	1,490.4	84.3	*	2,832.0	808	*
Traverse	1,304.0	*	*	2,102.1	406	*
Wabasha	1,138.3	79.2	*	1,874.2	952	*
Wadena	1,164.5	37.8	*	1,421.7	551	*
Waseca	1,722.0	103.6	*	2,917.5	1,321	*
Washington	1,593.2	115.4	1.7	3,617.0	1,875	9.8
Watonwan	1,410.2	103.7	*	2,395.4	1,102	*
Wilkin	1,541.2	*	*	3,248.3	966	*
Winona	1,502.5	71.8	*	3,333.3	1,371	12.5
Wright	1,423.8	105.4	*	3,256.6	1,687	16.2
Yellow Medicine	958.4	*	*	2,045.4	623	*
Aitkin, Itasca and Koochiching	2,392.5	95.9	*	3,250.4	1,050	8.6
Beltrami, Clearwater, Hubbard and Lake of the Woods	1,896.1	84.2	*	3,349.9	1,341	6.7



**Injury Table 5: Falls 0 to 64 years and 65 years and older  
Age Adjusted Rate per 100,000, Minnesota 2008-2012**

	Age Adjusted Rate					
	0 to 64 years			65 years and older		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
<b>State of Minnesota</b>	<b>1,507.9</b>	<b>107.0</b>	<b>1.5</b>	<b>2,850.5</b>	<b>1,502</b>	<b>11.8</b>
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	1,497.5	73.0	*	2,694.8	1,059	9.4
Brown and Nicollet	1,614.6	101.1	*	3,225.8	1,397	5.4
Carlton, Cook, Lake and St. Louis	2,175.9	139.5	2.2	2,818.8	1,320	12.0
Cottonwood and Jackson	1,550.1	26.1	*	2,593.2	746	*
Clay and Wilkin	257.6	12.7	*	594.8	172	6.9
Douglas, Grant, Pope, Stevens and Traverse	1,378.6	96.8	*	2,393.3	1,536	7.8
Dodge and Steele	1,548.8	118.0	*	3,141.4	1,764	10.2
Fillmore and Houston	785.3	59.9	*	1,135.2	742	14.0
Faribault and Martin	1,519.5	118.8	*	2,219.4	1,422	7.8
Isanti and Mille Lacs	2,133.7	118.7	*	3,820.7	1,608	15.2
Kittson, Marshall, Pennington, Red Lake and Roseau	1,554.6	35.7	*	2,821.2	620	*
Kanabec and Pine	2,102.6	98.0	*	3,436.6	1,509	*
Kandiyohi and Renville	1,415.1	81.8	*	2,367.9	1,308	9.0
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	1,283.9	36.2	*	2,722.4	768	8.3
Le Sueur and Waseca	1,475.7	91.2	*	3,078.2	1,236	7.5
Meeker, McCleod and Sibley	1,397.8	86.7	*	2,695.4	1,423	13.9
Mahnomen, Norman and Polk	1,060.4	44.1	*	1,512.7	542	*
Morrison, Todd and Wadena	1,600.5	77.6	*	2,569.3	915	5.0

Sources: Death Records - Minnesota Department of Health, Center for Health Statistics

Hospitalization and ED data - Minnesota Hospital Association Universal Billing Data

Rates per 100,000 are age-adjusted to the US 2000 Standard Population

\*Rates are not displayed for counts less than 20.

Includes nonfatal, unduplicated Minnesota resident injury events admitted as inpatients to acute care MN hospitals

Includes any listed injury meeting the Safe States consensus definition for hospital discharge data injury surveillance:

[http://www.safestates.org/associations/5805/files/ISW5%20Final%209.13.07%20\(color\).pdf](http://www.safestates.org/associations/5805/files/ISW5%20Final%209.13.07%20(color).pdf).

Cases with adverse effect or late effect E-codes are excluded. Cases missing E-codes

or with unknown county are included in total counts only.

See tab "2 codes and defitions" for ICD coding for falls.

**Injury Table 8: Motor Vehicle Deaths  
Number, Minnesota**

	Number of Deaths			
	1993-1997	1998-2002	2003-2007	2008-2012
<b>State of Minnesota</b>	<b>3,194</b>	<b>3,311</b>	<b>3,212</b>	<b>2,470</b>
Aitkin	18	23	13	19
Anoka	153	166	166	120
Becker	36	49	31	37
Beltrami	66	53	60	35
Benton	26	43	20	17
Big Stone	5	12	10	1
Blue Earth	45	31	36	36
Brown	19	17	23	18
Carlton	32	35	28	21
Carver	46	51	35	38
Cass	38	37	40	33
Chippewa	15	17	12	11
Chisago	27	41	50	24
Clay	31	37	27	20
Clearwater	18	20	7	3
Cook	4	8	4	6
Cottonwood	11	15	13	5
Crow Wing	48	57	55	33
Dakota	155	167	147	130
Dodge	20	24	25	17
Douglas	33	22	27	24
Faribault	13	18	16	13
Fillmore	24	27	16	14
Freeborn	26	20	26	24
Goodhue	29	65	50	32
Grant	5	9	7	3
Hennepin	428	433	360	285
Houston	15	23	16	17
Hubbard	18	24	17	14
Isanti	38	25	44	23
Itasca	36	53	48	33
Jackson	13	12	10	9
Kanabec	21	22	21	18
Kandiyohi	47	41	40	26
Kittson	9	6	11	3
Koochiching	18	12	16	10
Lac Qui Parle	14	10	14	13
Lake	6	8	14	11
Lake of the Woods	9	5	9	3
Le Sueur	24	27	23	12
Lincoln	9	10	11	4
Lyon	39	20	28	23
McLeod	43	33	25	19
Mahnomen	18	8	12	9
Marshall	6	15	6	7
Martin	18	17	15	17
Meeker	25	34	26	15
Mille Lacs	21	28	39	31

**Injury Table 8: Motor Vehicle Deaths  
Number, Minnesota**

	Number of Deaths			
	1993-1997	1998-2002	2003-2007	2008-2012
Morrison	32	46	31	36
Mower	34	38	21	22
Murray	5	6	15	12
Nicollet	8	11	16	17
Nobles	17	18	28	25
Norman	16	14	14	5
Olmsted	59	75	72	58
Otter Tail	46	51	49	43
Pennington	16	16	12	18
Pine	23	40	30	33
Pipestone	9	14	13	9
Polk	29	19	26	36
Pope	11	15	12	10
Ramsey	225	175	206	140
Red Lake	10	5	4	5
Redwood	32	23	20	20
Renville	24	20	27	12
Rice	35	47	47	29
Rock	12	8	9	15
Roseau	23	14	15	8
St. Louis	148	144	144	88
Scott	52	66	60	66
Sherburne	42	51	75	43
Sibley	24	21	6	12
Stearns	108	81	100	66
Steele	25	37	31	22
Stevens	12	9	9	7
Swift	17	6	7	14
Todd	23	19	32	22
Traverse	5	3	7	2
Wabasha	19	26	24	24
Wadena	14	17	9	8
Waseca	16	19	21	11
Washington	60	80	97	69
Watonwan	14	12	17	13
Wilkin	7	3	7	5
Winona	35	44	44	28
Wright	78	72	87	72
Yellow Medicine	9	15	18	9
CHB - Aitkin, Itasca, Koochiching	72	88	77	62
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	111	102	93	55
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	60	60	61	48
CHB - Brown, Nicollet	27	28	39	35
CHB - Carlton, Cook, Lake, St. Louis	190	195	190	126
CHB - Cottonwood, Jackson	24	27	23	14
CHB - Clay, Wilkin	38	40	34	25

**Injury Table 8: Motor Vehicle Deaths  
Number, Minnesota**

	Number of Deaths			
	1993-1997	1998-2002	2003-2007	2008-2012
CHB - Douglas, Grant, Pope, Stevens, Traverse	66	58	62	46
CHB - Dodge, Steele	45	61	56	39
CHB - Fillmore, Houston	39	50	32	31
CHB - Faribault, Martin	31	35	31	30
CHB - Isanti, Mille Lacs	59	53	83	54
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	64	56	48	41
CHB - Kanabec, Pine	44	62	51	51
CHB - Kandiyohi, Renville	71	61	67	38
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	106	81	96	83
CHB - LeSueur, Waseca	40	46	44	23
CHB - Meeker, McLeod, Sibley	92	88	57	46
CHB - Mahnomen, Norman, Polk	63	41	52	50
CHB - Morrison, Todd, Wadena	69	82	72	66

Source: Minnesota Department of Health Center for Health Statistics

**ICD-10 Codes:**

Motor Vehicle Injury (non-pedestrian): V02 – V04 (.0,.2-.8), V09 (.0,.1,.3-.8), V12 – V14, V19.0 – V19.2, V19.4 – V19.6, V20 – V79, V80.3 – V80.5, V81.0 – V81.1, V82.0 – V82.1, V83 – V86, V87.0 – V87.8, V88.0 – V88.8, V89.0, V89.2

**Injury Table 9: Motor Vehicle Deaths**  
**Age Adjusted Rate per 100,000, Minnesota**

	Age Adjusted Death Rates per 100,000 population*			
	1993-1997	1998-2002	2003-2007	2008-2012
<b>State of Minnesota</b>	<b>13.9</b>	<b>13.4</b>	<b>12.3</b>	<b>9.1</b>
Aitkin	*	26.3	*	*
Anoka	12.4	11.9	10.6	7.5
Becker	26.5	33.8	19.9	24.1
Beltrami	34.6	27.9	29.1	16.9
Benton	15.9	24.2	10.1	*
Big Stone	*	*	*	*
Blue Earth	16.7	9.7	12.9	11.8
Brown	*	*	14.7	*
Carlton	20.8	22.5	15.7	12.0
Carver	16.3	15.6	9.0	9.1
Cass	33.3	30.8	27.2	22.9
Chippewa	*	*	*	*
Chisago	15.4	20.8	20.0	9.4
Clay	12.0	14.4	10.6	7.0
Clearwater	*	50.4	*	*
Cook	*	*	*	*
Cottonwood	*	*	*	*
Crow Wing	18.6	20.7	17.5	10.0
Dakota	10.6	10.7	8.1	6.6
Dodge	25.0	28.3	25.5	*
Douglas	21.5	12.9	14.4	13.3
Faribault	*	*	*	*
Fillmore	25.7	27.4	*	*
Freeborn	16.8	11.1	16.9	16.0
Goodhue	14.5	29.3	20.8	14.3
Grant	*	*	*	*
Hennepin	8.2	7.8	6.4	4.8
Houston	*	22.6	*	*
Hubbard	*	29.4	*	*
Isanti	27.7	16.7	22.7	12.7
Itasca	16.9	24.9	20.9	15.9
Jackson	*	*	*	*
Kanabec	32.0	30.0	27.0	*
Kandiyohi	22.9	19.6	19.6	12.3
Kittson	*	*	*	*
Koochiching	*	*	*	*
Lac Qui Parle	*	*	*	*
Lake	*	*	*	*
Lake of the Woods	*	*	*	*
Le Sueur	20.7	21.0	16.2	*
Lincoln	*	*	*	*
Lyon	31.3	16.0	21.3	18.4
McLeod	25.9	19.4	13.5	*
Mahnomen	*	*	*	*
Marshall	*	*	*	*
Martin	*	*	*	*
Meeker	24.5	28.9	21.7	*
Mille Lacs	21.4	25.3	29.9	23.7

**Injury Table 9: Motor Vehicle Deaths**  
**Age Adjusted Rate per 100,000, Minnesota**

	Age Adjusted Death Rates per 100,000 population*			
	1993-1997	1998-2002	2003-2007	2008-2012
Morrison	22.2	29.9	18.4	21.7
Mower	16.8	19.4	10.8	11.6
Murray	*	*	*	*
Nicollet	*	*	*	*
Nobles	*	*	26.6	22.8
Norman	*	*	*	*
Olmsted	10.9	12.5	10.8	7.9
Otter Tail	18.8	19.4	16.3	15.4
Pennington	*	*	*	*
Pine	21.2	29.9	20.9	22.7
Pipestone	*	*	*	*
Polk	17.8	*	15.6	24.0
Pope	*	*	*	*
Ramsey	9.2	6.9	8.1	5.4
Red Lake	*	*	*	*
Redwood	39.2	29.2	24.4	24.6
Renville	27.8	21.5	29.2	*
Rice	13.1	16.1	14.6	9.1
Rock	*	*	*	*
Roseau	29.0	*	*	*
St. Louis	15.0	13.7	13.9	8.5
Scott	18.0	18.6	11.5	11.3
Sherburne	16.7	17.1	18.8	10.5
Sibley	31.1	26.8	*	*
Stearns	17.1	12.2	13.3	8.7
Steele	16.4	21.9	16.9	11.7
Stevens	*	*	*	*
Swift	*	*	*	*
Todd	19.2	*	25.7	17.3
Traverse	*	*	*	*
Wabasha	*	23.8	20.6	21.5
Wadena	*	*	*	*
Waseca	*	*	21.1	*
Washington	7.3	8.8	8.9	6.1
Watonwan	*	*	*	*
Wilkin	*	*	*	*
Winona	13.0	17.6	18.6	10.0
Wright	20.8	17.9	15.7	12.7
Yellow Medicine	*	*	*	*
CHB - Aitkin, Itasca, Koochiching	20.4	23.6	19.2	17.2
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	33.6	30.0	25.0	15.8
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	23.3	24.3	24.2	21.3
CHB - Brown, Nicollet	9.4	9.5	12.3	11.0
CHB - Carlton, Cook, Lake, St. Louis	15.6	15.3	14.6	9.6
CHB - Cottonwood, Jackson	19.7	22.5	20.4	*
CHB - Clay, Wilkin	12.7	13.6	11.7	7.7

**Injury Table 9: Motor Vehicle Deaths**  
**Age Adjusted Rate per 100,000, Minnesota**

	Age Adjusted Death Rates per 100,000 population*			
	1993-1997	1998-2002	2003-2007	2008-2012
CHB - Douglas, Grant, Pope, Stevens, Traverse	20.8	16.6	18.0	14.6
CHB - Dodge, Steele	19.3	24.1	19.8	13.3
CHB - Fillmore, Houston	20.9	24.8	13.6	14.6
CHB - Faribault, Martin	16.0	15.7	16.5	14.3
CHB - Isanti, Mille Lacs	25.2	19.9	25.5	17.1
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	25.8	22.8	18.8	17.1
CHB - Kanabec, Pine	25.0	29.8	23.0	22.3
CHB - Kandiyohi, Renville	24.3	20.1	22.5	12.9
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	27.6	20.3	24.3	21.4
CHB - LeSueur, Waseca	20.1	20.5	18.2	10.8
CHB - Meeker, McLeod, Sibley	26.8	24.0	15.0	11.9
CHB - Mahnomen, Norman, Polk	28.4	18.0	23.2	24.3
CHB - Morrison, Todd, Wadena	20.9	24.4	19.9	18.6

Source: Minnesota Department of Health Center for Health Statistics

Motor Vehicle Injury (non-pedestrian): V02 – V04 (.0,.2-.8), V09 (.0,.1,.3-.8), V12 – V14, V19.0 – V19.2, V19.4 – V19.6, V20 – V79, V80.3 – V80.5, V81.0 – V81.1, V82.0 – V82.1, V83 – V86, V87.0 – V87.8, V88.0 – V88.8, V89.0, V89.2

\*Rates were suppressed when number of deaths was less than 20  
 Rates per 100,000 are age-adjusted to the US 2000 Standard Population

**Injury Table 10: Motor Vehicle Injuries by Severity in Minnesota  
By State and County, 2012**

	Injury Severity					
	Severe	Moderate	Minor	Killed	Unhurt	Total
<b>State of Minnesota</b>	<b>1,268</b>	<b>6,902</b>	<b>21,144</b>	<b>395</b>	<b>138,965</b>	<b>168,674</b>
Aitkin	17	23	50	3	273	366
Anoka	92	346	1,098	25	5,869	7,430
Becker	27	55	84	4	482	652
Beltrami	13	49	137	7	792	998
Benton	11	65	131	8	1,040	1,255
Big Stone	6	7	19	1	96	129
Blue Earth	13	111	284	5	1,958	2,371
Brown	4	26	76	1	419	526
Carlton	6	54	110	4	506	680
Carver	6	91	255	1	1,775	2,128
Cass	15	48	103	6	378	550
Chippewa	2	23	47	4	188	264
Chisago	12	106	190	6	871	1,185
Clay	16	59	207	4	1,246	1,532
Clearwater	6	15	26	0	110	157
Cook	0	13	29	0	95	137
Cottonwood	1	31	40	2	148	222
Crow Wing	26	102	299	10	1,442	1,879
Dakota	64	425	1,388	19	9,233	11,129
Dodge	8	25	69	5	334	441
Douglas	16	69	177	8	925	1,195
Faribault	6	21	28	4	210	269
Fillmore	6	31	53	2	239	331
Freeborn	6	44	140	3	749	942
Goodhue	24	95	159	7	1,173	1,458
Grant	2	6	20	1	74	103
Hennepin	214	1,649	6,342	33	41,936	50,174
Houston	6	17	46	1	320	390
Hubbard	14	51	47	1	195	308
Isanti	11	50	101	2	622	786
Itasca	18	57	180	8	1,016	1,279
Jackson	7	18	35	3	171	234
Kanabec	5	18	35	0	240	298
Kandiyohi	15	86	184	11	964	1,260
Kittson	2	2	1	1	18	24
Koochiching	5	11	22	2	184	224
Lac Qui Parle	3	5	16	0	60	84
Lake	4	20	37	1	129	191
Lake of the Woods	4	1	4	0	28	37
Le Sueur	11	45	83	2	475	616
Lincoln	4	8	13	2	105	132
Lyon	7	29	72	4	555	667
McLeod	17	39	111	6	777	950
Mahnomen	4	13	12	2	61	92
Marshall	6	17	27	2	56	108
Martin	12	40	45	1	386	484
Meeker	11	30	63	2	347	453
Mille Lacs	8	71	104	3	407	593
Morrison	7	60	95	5	508	675
Mower	11	37	73	6	750	877
Murray	2	15	43	2	100	162



**Injury Table 10: Motor Vehicle Injuries by Severity in Minnesota  
By State and County, 2012**

	Injury Severity					
	Severe	Moderate	Minor	Killed	Unhurt	Total
<b>State of Minnesota</b>	<b>1,268</b>	<b>6,902</b>	<b>21,144</b>	<b>395</b>	<b>138,965</b>	<b>168,674</b>
Nicollet	7	47	78	3	681	816
Nobles	9	34	71	7	629	750
Norman	3	8	17	0	71	99
Olmsted	35	231	491	2	3,823	4,582
Otter Tail	15	84	195	10	1,044	1,348
Pennington	9	20	52	2	180	263
Pine	13	57	119	14	524	727
Pipestone	5	12	31	2	136	186
Polk	11	45	75	7	577	715
Pope	7	22	44	3	161	237
Ramsey	79	631	2,653	19	23,216	26,598
Red Lake	0	5	4	1	26	36
Redwood	7	14	50	6	199	276
Renville	2	18	43	1	200	264
Rice	18	74	210	4	1,128	1,434
Rock	2	13	28	4	172	219
Roseau	3	9	32	2	131	177
St. Louis	44	216	719	11	5,900	6,890
Scott	28	127	399	4	2,216	2,774
Sherburne	13	95	263	8	1,768	2,147
Sibley	4	12	36	2	170	224
Stearns	34	182	706	7	4,575	5,504
Steele	6	48	124	2	766	946
Stevens	3	12	17	1	136	169
Swift	1	8	26	0	108	143
Todd	7	31	74	1	272	385
Traverse	1	6	6	0	11	24
Wabasha	6	38	46	2	264	356
Wadena	6	10	37	1	181	235
Waseca	3	16	66	3	281	369
Washington	35	210	817	8	4,611	5,681
Watonwan	1	9	25	0	128	163
Wilkin	3	12	23	0	203	241
Winona	13	90	154	5	1,058	1,320
Wright	17	116	380	12	2,208	2,733
Yellow Medicine	5	11	23	1	165	205
Aitkin, Itasca, Koochiching	40	91	252	13	1,473	1,869
Beltrami, Clearwtr, Hubbard, LakeoftheWoods	37	116	214	8	1,125	1,500
Big Stone, Chipp, LacquiParle, Swift, YM	17	54	131	6	617	825
Brown, Nicollet	11	73	154	4	1,100	1,342
Carlton, Cook, Lake, St. Louis	54	303	895	16	6,630	7,898
Cottonwood, Jackson	8	49	75	5	319	456
Clay, Wilkin	19	71	230	4	1,449	1,773
Douglas, Grant, Pope, Stevens, Traverse	29	115	264	13	1,307	1,728
Dodge, Steele	14	73	193	7	1,100	1,387

**Injury Table 10: Motor Vehicle Injuries by Severity in Minnesota  
By State and County, 2012**

	Injury Severity					
	Severe	Moderate	Minor	Killed	Unhurt	Total
<b>State of Minnesota</b>	<b>1,268</b>	<b>6,902</b>	<b>21,144</b>	<b>395</b>	<b>138,965</b>	<b>168,674</b>
Fillmore, Houston	12	48	99	3	559	721
Faribault, Martin	18	61	73	5	596	753
Isanti, Mille Lacs	19	121	205	5	1,029	1,379
Kitson, Marshall, Pennington, RedLake, Roseau	20	53	116	8	411	608
Kanabec, Pine	18	75	154	14	764	1,025
Kandiyohi, Renville	17	104	227	12	1,164	1,524
Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	27	91	237	20	1,267	1,642
LeSueur, Waseca	14	61	149	5	756	985
Meeker, McLeod, Sibley	32	81	210	10	1,294	1,627
Mahnomen, Norman, Polk	18	66	104	9	709	906
Morrison, Todd, Wadena	20	101	206	7	961	1,295

Sources: Minnesota Department of Public Safety

**Severe Injury:** Any injury, other than a fatal injury which prevents the injured person from walking, driving, or normally continuing activities which he/she was capable of performing just before the accident

**Moderate Injury:** Any injury, other than fatal or incapacitating, which is evident to a person other than the injured at the scene of the accident (e.g. bruises, abrasions, swelling, minor lacerations, limping etc.).

**Minor Injury:** None of the above injuries, but is a complaint of physical pain by the injured (e.g. momentary unconsciousness, nausea, hysteria, etc.)

**Injury Table 11: Seatbelt Use by Vehicle Occupant Killed or Injured in Minnesota  
By State and County, 2012**

	Seatbelt Use						Total Killed or Injured
	Used		Not Used		Unknown		
	Number	Percent	Number	Percent	Number	Percent	
<b>State of Minnesota</b>	<b>21,476</b>	<b>82.5</b>	<b>1,881</b>	<b>7.2</b>	<b>2,668</b>	<b>10.3</b>	<b>26,025</b>
Aitkin	71	84.5	11	13.1	2	2.4	84
Anoka	1,156	84.4	79	5.8	135	9.9	1,370
Becker	119	75.8	20	12.7	18	11.5	157
Beltrami	137	73.7	27	14.5	22	11.8	186
Benton	162	87.1	13	7.0	11	5.9	186
Big Stone	16	55.2	8	27.6	5	17.2	29
Blue Earth	306	84.1	19	5.2	39	10.7	364
Brown	82	83.7	11	11.2	5	5.1	98
Carlton	104	72.7	15	10.5	24	16.8	143
Carver	278	89.1	11	3.5	23	7.4	312
Cass	98	62.4	29	18.5	30	19.1	157
Chippewa	42	63.6	8	12.1	16	24.2	66
Chisago	243	85.9	16	5.7	24	8.5	283
Clay	221	83.4	31	11.7	13	4.9	265
Clearwater	24	53.3	8	17.8	13	28.9	45
Cook	35	85.4	2	4.9	4	9.8	41
Cottonwood	41	71.9	13	22.8	3	5.3	57
Crow Wing	324	82.9	39	10.0	28	7.2	391
Dakota	1,454	85.5	98	5.8	148	8.7	1,700
Dodge	79	80.6	11	11.2	8	8.2	98
Douglas	212	85.5	19	7.7	17	6.9	248
Faribault	42	79.2	8	15.1	3	5.7	53
Fillmore	62	83.8	10	13.5	2	2.7	74
Freeborn	142	81.1	24	13.7	9	5.1	175
Goodhue	223	87.5	16	6.3	16	6.3	255
Grant	17	68.0	8	32.0	0	0.0	25
Hennepin	5,762	82.4	302	4.3	929	13.3	6,993
Houston	36	62.1	9	15.5	13	22.4	58
Hubbard	74	71.8	15	14.6	14	13.6	103
Isanti	127	85.8	10	6.8	11	7.4	148
Itasca	188	79.0	27	11.3	23	9.7	238
Jackson	38	74.5	8	15.7	5	9.8	51
Kanabec	47	95.9	2	4.1	0	0.0	49
Kandiyohi	217	82.2	24	9.1	23	8.7	264
Kittson	3	50.0	3	50.0	0	0.0	6
Koochiching	20	57.1	8	22.9	7	20.0	35
Lac Qui Parle	19	79.2	1	4.2	4	16.7	24
Lake	42	76.4	10	18.2	3	5.5	55
Lake of the Woods	5	62.5	2	25.0	1	12.5	8
Le Sueur	98	80.3	12	9.8	12	9.8	122
Lincoln	15	65.2	6	26.1	2	8.7	23
Lyon	82	78.8	9	8.7	13	12.5	104
McLeod	119	80.4	20	13.5	9	6.1	148
Mahnomen	19	67.9	3	10.7	6	21.4	28
Marshall	29	55.8	19	36.5	4	7.7	52
Martin	66	77.6	10	11.8	9	10.6	85
Meeker	65	69.1	14	14.9	15	16.0	94
Mille Lacs	134	77.5	26	15.0	13	7.5	173
Morrison	117	76.0	16	10.4	21	13.6	154
Mower	80	74.1	12	11.1	16	14.8	108

**Injury Table 11: Seatbelt Use by Vehicle Occupant Killed or Injured in Minnesota  
By State and County, 2012**

	Seatbelt Use						Total Killed or Injured
	Used		Not Used		Unknown		
	Number	Percent	Number	Percent	Number	Percent	
<b>State of Minnesota</b>	<b>21,476</b>	<b>82.5</b>	<b>1,881</b>	<b>7.2</b>	<b>2,668</b>	<b>10.3</b>	<b>26,025</b>
Murray	47	78.3	7	11.7	6	10.0	60
Nicollet	94	78.3	16	13.3	10	8.3	120
Nobles	78	69.6	28	25.0	6	5.4	112
Norman	14	53.8	6	23.1	6	23.1	26
Olmsted	585	87.3	48	7.2	37	5.5	670
Otter Tail	222	79.0	36	12.8	23	8.2	281
Pennington	61	82.4	4	5.4	9	12.2	74
Pine	138	73.4	22	11.7	28	14.9	188
Pipestone	37	78.7	7	14.9	3	6.4	47
Polk	75	60.0	30	24.0	20	16.0	125
Pope	48	75.0	10	15.6	6	9.4	64
Ramsey	2,404	82.8	148	5.1	353	12.2	2,905
Red Lake	6	60.0	3	30.0	1	10.0	10
Redwood	49	76.6	8	12.5	7	10.9	64
Renville	43	75.4	6	10.5	8	14.0	57
Rice	231	86.5	21	7.9	15	5.6	267
Rock	30	69.8	11	25.6	2	4.7	43
Roseau	28	65.1	10	23.3	5	11.6	43
St. Louis	740	83.5	68	7.7	78	8.8	886
Scott	426	86.4	28	5.7	39	7.9	493
Sherburne	313	90.2	14	4.0	20	5.8	347
Sibley	35	77.8	4	8.9	6	13.3	45
Stearns	742	89.3	36	4.3	53	6.4	831
Steele	134	82.7	10	6.2	18	11.1	162
Stevens	22	71.0	5	16.1	4	12.9	31
Swift	27	81.8	3	9.1	3	9.1	33
Todd	76	72.4	17	16.2	12	11.4	105
Traverse	8	72.7	2	18.2	1	9.1	11
Wabasha	55	76.4	11	15.3	6	8.3	72
Wadena	35	70.0	9	18.0	6	12.0	50
Waseca	68	89.5	5	6.6	3	3.9	76
Washington	862	90.5	48	5.0	43	4.5	953
Watonwan	20	64.5	5	16.1	6	19.4	31
Wilkin	28	75.7	5	13.5	4	10.8	37
Winona	181	83.4	23	10.6	13	6.0	217
Wright	393	83.8	40	8.5	36	7.7	469
Yellow Medicine	29	82.9	5	14.3	1	2.9	35
Aitkin, Itasca, Koochiching	279	78.2	46	12.9	32	9.0	357
Beltrami, Clearwtr, Hubbard, LakeoftheWoods	240	70.2	52	15.2	50	14.6	342
Big Stone, Chipp, LacquiParle, Swift, YM	133	71.1	25	13.4	29	15.5	187
Brown, Nicollet	176	80.7	27	12.4	15	6.9	218
Carlton, Cook, Lake, St. Louis	921	81.9	95	8.4	109	9.7	1,125
Cottonwood, Jackson	79	73.1	21	19.4	8	7.4	108
Clay, Wilkin	249	82.5	36	11.9	17	5.6	302

**Injury Table 11: Seatbelt Use by Vehicle Occupant Killed or Injured in Minnesota  
By State and County, 2012**

	Seatbelt Use						Total Killed or Injured
	Used		Not Used		Unknown		
	Number	Percent	Number	Percent	Number	Percent	
<b>State of Minnesota</b>	<b>21,476</b>	<b>82.5</b>	<b>1,881</b>	<b>7.2</b>	<b>2,668</b>	<b>10.3</b>	<b>26,025</b>
Douglas, Grant, Pope, Stevens, Traverse	307	81.0	44	11.6	28	7.4	379
Dodge, Steele	213	81.9	21	8.1	26	10.0	260
Fillmore, Houston	98	74.2	19	14.4	15	11.4	132
Faribault, Martin	108	78.3	18	13.0	12	8.7	138
Isanti, Mille Lacs	261	81.3	36	11.2	24	7.5	321
Kitson, Marshall, Pennington, RedLake, Roseau	127	68.6	39	21.1	19	10.3	185
Kanabec, Pine	185	78.1	24	10.1	28	11.8	237
Kandiyohi, Renville	260	81.0	30	9.3	31	9.7	321
Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	260	76.2	48	14.1	33	9.7	341
LeSueur, Waseca	166	83.8	17	8.6	15	7.6	198
Meeker, McLeod, Sibley	219	76.3	38	13.2	30	10.5	287
Mahnomen, Norman, Polk	108	60.3	39	21.8	32	17.9	179
Morrison, Todd, Wadena	228	73.8	42	13.6	39	12.6	309

Sources: Minnesota Department of Public Safety

**Note:** Occupants of vehicles normally equipped with seatbelts includes passenger vehicles, trucks, taxis, etc. This definition excludes motorcycles, buses, snowmobiles, etc.

**Injury Table 12: Minnesota Alcohol-Related Motor Vehicle Fatalities and Injuries by State and County, 2012**

	Fatalities			Injuries			Cost of Alcohol-related Crashes, Fatalities and Injuries
	Total Fatalities	Alcohol Related Fatalities		Total Injuries	Alcohol Related		
	Number	Number	Percent	Number	Number	Percent	
<b>State of Minnesota</b>	<b>395</b>	<b>131</b>	<b>33.2</b>	<b>29,314</b>	<b>2,644</b>	<b>9.0</b>	<b>\$ 245,862,300</b>
Aitkin	3	2	66.7	90	25	27.8	\$ 3,778,300
Anoka	25	13	52.0	1,536	138	9.0	\$ 21,824,200
Becker	4	2	50.0	166	26	15.7	\$ 3,665,800
Beltrami	7	3	42.9	199	26	13.1	\$ 4,892,900
Benton	8	0	0.0	207	16	7.7	\$ 389,500
Big Stone	1	0	0.0	32	7	21.9	\$ 167,100
Blue Earth	5	1	20.0	408	38	9.3	\$ 2,303,800
Brown	1	0	0.0	106	11	10.4	\$ 248,000
Carlton	4	3	75.0	170	26	15.3	\$ 4,817,100
Carver	1	1	100.0	352	20	5.7	\$ 1,783,200
Cass	6	3	50.0	166	31	18.7	\$ 5,167,900
Chippewa	4	0	0.0	72	17	23.6	\$ 316,600
Chisago	6	3	50.0	308	38	12.3	\$ 4,954,300
Clay	4	0	0.0	282	30	10.6	\$ 628,100
Clearwater	0	0	#DIV/0!	47	8	17.0	\$ 257,400
Cook	0	0	#DIV/0!	42	5	11.9	\$ 73,900
Cottonwood	2	2	100.0	72	5	6.9	\$ 2,933,700
Crow Wing	10	5	50.0	427	44	10.3	\$ 8,185,900
Dakota	19	4	21.1	1,877	128	6.8	\$ 8,154,500
Dodge	5	0	0.0	102	8	7.8	\$ 122,200
Douglas	8	1	12.5	262	20	7.6	\$ 1,755,200
Faribault	4	0	0.0	55	6	10.9	\$ 116,400
Fillmore	2	1	50.0	90	13	14.4	\$ 1,809,000
Freeborn	3	2	66.7	190	13	6.8	\$ 3,113,600
Goodhue	7	0	0.0	278	15	5.4	\$ 434,400
Grant	1	1	100.0	28	5	17.9	\$ 1,561,500
Hennepin	33	7	21.2	8,205	613	7.5	\$ 22,608,400
Houston	1	0	0.0	69	12	17.4	\$ 394,300
Hubbard	1	0	0.0	112	28	25.0	\$ 630,500
Isanti	2	1	50.0	162	13	8.0	\$ 1,771,100
Itasca	8	5	62.5	255	28	11.0	\$ 7,979,400
Jackson	3	0	0.0	60	4	6.7	\$ 108,900
Kanabec	0	0	#DIV/0!	58	4	6.9	\$ 138,600
Kandiyohi	11	4	36.4	285	29	10.2	\$ 6,390,900
Kittson	1	0	0.0	5	1	20.0	\$ 22,700
Koochiching	2	0	0.0	38	9	23.7	\$ 385,600
Lac Qui Parle	0	0	#DIV/0!	24	0	0.0	\$ -
Lake	1	1	100.0	61	4	6.6	\$ 1,491,000
Lake of the Woods	0	0	#DIV/0!	9	1	11.1	\$ 22,700
Le Sueur	2	1	50.0	139	29	20.9	\$ 2,198,500
Lincoln	2	2	100.0	25	2	8.0	\$ 2,885,400
Lyon	4	0	0.0	108	9	8.3	\$ 184,500
McLeod	6	0	0.0	167	14	8.4	\$ 296,300
Mahnomen	2	1	50.0	29	5	17.2	\$ 1,523,600
Marshall	2	0	0.0	50	17	34.0	\$ 410,500
Martin	1	1	100.0	97	7	7.2	\$ 1,702,500
Meeker	2	2	100.0	104	11	10.6	\$ 3,173,700
Mille Lacs	3	2	66.7	183	28	15.3	\$ 3,529,900
Morrison	5	1	20.0	162	33	20.4	\$ 2,201,900

**Injury Table 12: Minnesota Alcohol-Related Motor Vehicle Fatalities and Injuries by State and County, 2012**

	Fatalities			Injuries			Cost of Alcohol-related Crashes, Fatalities and Injuries
	Total Fatalities	Alcohol Related Fatalities		Total Injuries	Alcohol Related		
	Number	Number	Percent	Number	Number	Percent	
<b>State of Minnesota</b>	<b>395</b>	<b>131</b>	<b>33.2</b>	<b>29,314</b>	<b>2,644</b>	<b>9.0</b>	<b>\$ 245,862,300</b>
Mower	6	5	83.3	121	17	14.0	\$ 7,617,700
Murray	2	1	50.0	60	9	15.0	\$ 1,612,700
Nicollet	3	1	33.3	132	8	6.1	\$ 1,552,100
Nobles	7	1	14.3	114	10	8.8	\$ 1,587,600
Norman	0	0	#DIV/0!	28	7	25.0	\$ 234,700
Olmsted	2	0	0.0	757	59	7.8	\$ 1,551,700
Otter Tail	10	5	50.0	294	34	11.6	\$ 7,932,600
Pennington	2	0	0.0	81	7	8.6	\$ 224,800
Pine	14	2	14.3	189	29	15.3	\$ 3,465,200
Pipestone	2	0	0.0	48	3	6.3	\$ 58,200
Polk	7	5	71.4	131	26	19.8	\$ 7,676,900
Pope	3	1	33.3	73	23	31.5	\$ 1,937,000
Ramsey	19	1	5.3	3,363	261	7.8	\$ 6,429,900
Red Lake	1	0	0.0	9	2	22.2	\$ 45,400
Redwood	6	4	66.7	71	14	19.7	\$ 5,946,600
Renville	1	0	0.0	63	11	17.5	\$ 160,600
Rice	4	1	25.0	302	25	8.3	\$ 2,079,700
Rock	4	1	25.0	43	3	7.0	\$ 1,516,100
Roseau	2	1	50.0	44	7	15.9	\$ 1,587,100
St. Louis	11	3	27.3	979	104	10.6	\$ 6,542,700
Scott	4	1	25.0	554	50	9.0	\$ 2,835,000
Sherburne	8	2	25.0	371	28	7.5	\$ 3,317,200
Sibley	2	1	50.0	52	6	11.5	\$ 1,496,800
Stearns	7	3	42.9	922	59	6.4	\$ 5,722,600
Steele	2	1	50.0	178	21	11.8	\$ 1,903,200
Stevens	1	0	0.0	32	7	21.9	\$ 177,000
Swift	0	0	#DIV/0!	35	6	17.1	\$ 106,500
Todd	1	1	100.0	112	11	9.8	\$ 1,610,300
Traverse	0	0	#DIV/0!	13	3	23.1	\$ 115,900
Wabasha	2	2	100.0	90	4	4.4	\$ 2,978,600
Wadena	1	1	100.0	53	5	9.4	\$ 1,599,400
Waseca	3	0	0.0	85	6	7.1	\$ 106,500
Washington	8	5	62.5	1,062	76	7.2	\$ 8,772,000
Watonwan	0	0	#DIV/0!	35	1	2.9	\$ 12,800
Wilkin	0	0	#DIV/0!	38	1	2.6	\$ 12,800
Winona	5	1	20.0	257	21	8.2	\$ 1,903,200
Wright	12	5	41.7	513	60	11.7	\$ 8,507,800
Yellow Medicine	1	1	100.0	39	0	0.0	\$ 1,420,000
Aitkin, Itasca and Koochiching	13	7	53.8	383	62	16.2	\$ 12,143,300
Beltrami, Clearwater, Hubbard and Lake of the Woods	8	3	37.5	367	63	17.2	\$ 5,803,500
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	6	1	16.7	202	30	14.9	\$ 2,010,200
Brown and Nicollet	4	1	25.0	238	19	8.0	\$ 1,800,100
Carlton, Cook, Lake and St. Louis	16	7	43.8	1,252	139	11.1	\$ 12,924,700
Clay and Wilkin	5	2	40.0	132	9	6.8	\$ 3,042,600

**Injury Table 12: Minnesota Alcohol-Related Motor Vehicle Fatalities and Injuries by State and County, 2012**

	Fatalities			Injuries			Cost of Alcohol-related Crashes, Fatalities and Injuries
	Total Fatalities	Alcohol Related Fatalities		Total Injuries	Alcohol Related		
	Number	Number	Percent	Number	Number	Percent	
<b>State of Minnesota</b>	<b>395</b>	<b>131</b>	<b>33.2</b>	<b>29,314</b>	<b>2,644</b>	<b>9.0</b>	<b>\$ 245,862,300</b>
Cottonwood and Jackson	4	0	0.0	320	31	9.7	\$ 640,900
Dodge and Steele	13	3	23.1	408	58	14.2	\$ 5,546,600
Douglas, Grant, Pope, Stevens and Traverse	7	1	14.3	280	29	10.4	\$ 2,025,400
Faribault and Martin	3	1	33.3	159	25	15.7	\$ 2,203,300
Fillmore and Houston	5	1	20.0	152	13	8.6	\$ 1,818,900
Isanti and Mille Lacs	5	3	60.0	345	41	11.9	\$ 5,301,000
Kanabec and Pine	8	1	12.5	189	34	18.0	\$ 2,290,500
Kandiyohi and Renville	14	2	14.3	247	33	13.4	\$ 3,603,800
Kittson, Marshall, Pennington, Red Lake and Roseau	12	4	33.3	348	40	11.5	\$ 6,551,500
Le Sueur and Waseca	20	8	40.0	355	40	11.3	\$ 12,203,500
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	5	1	20.0	224	35	15.6	\$ 2,305,000
Mahnomen, Norman and Polk	10	3	30.0	323	31	9.6	\$ 4,966,800
Meeker, McCleod and Sibley	9	6	66.7	188	38	20.2	\$ 9,435,200
Morrison, Todd and Wadena	7	3	42.9	327	49	15.0	\$ 5,411,600

Source: Minnesota Department of Public Safety

A **fatality or injury** is considered alcohol-related if any driver, pedestrian or bicyclist involved in the crash was perceived by the report officer or found by a laboratory test, to be positive for alcohol (i.e., to have a blood alcohol concentration of .01% or higher). Fatalities and injuries are by county of occurrence.

Alcohol-related costs are calculated using estimates (provided annually by the National Safety Council) which do not attempt to include "comprehensive costs" but just direct costs due to medical expense, property damage, and lost productivity. Other estimating procedures (e.g., those used by the US Department of Transportation) that do attempt to include comprehensive costs result in estimates about three times as great as those used by National Safety Council.



**Injury Table 13: Minnesota Impaired Driving Incidents on Record by County of Occurrence per 10,000 Population, 2007-2011**

	2008		2009		2010		2011		2012		2008-2012
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
<b>State of Minnesota*</b>	<b>35,768</b>	<b>68.8</b>	<b>32,756</b>	<b>62.7</b>	<b>29,918</b>	<b>56.8</b>	<b>29,257</b>	<b>54.7</b>	<b>28,570</b>	<b>53.1</b>	<b>58.9</b>
Aitkin	158	99.3	134	85.2	104	66.5	138	85.1	132	82.9	83.5
Anoka	2,131	65.3	1,912	58.5	1,678	50.6	1,445	43.4	1,387	41.2	51.6
Becker	326	102.0	271	84.7	275	85.7	255	77.8	251	76.1	84.9
Beltrami	534	122.5	419	95.6	375	84.6	430	95.0	297	65.5	92.0
Benton	293	74.2	246	61.7	196	48.8	156	40.3	130	33.4	52.1
Big Stone	27	50.1	20	**	24	45.7	20	**	42	81.3	50.6
Blue Earth	597	99.8	643	106.5	468	76.7	397	61.7	345	53.0	77.8
Brown	149	57.3	141	54.5	126	49.2	118	45.9	126	49.6	51.4
Carlton	229	67.6	241	71.0	258	75.2	245	69.1	237	67.0	69.4
Carver	375	42.4	283	31.4	284	30.8	331	35.7	309	33.0	34.4
Cass	271	94.3	245	85.3	228	79.9	221	77.8	210	74.1	82.4
Chippewa	97	77.8	49	39.5	76	61.7	56	45.5	55	45.3	54.0
Chisago	317	63.2	310	61.7	236	46.6	214	39.7	206	38.5	48.9
Clay	545	99.4	576	103.3	567	99.9	511	85.4	520	86.4	93.3
Clearwater	75	91.0	81	98.2	91	110.4	48	54.7	37	42.5	77.8
Cook	41	76.0	47	86.4	38	69.4	30	57.5	32	61.7	71.0
Cottonwood	75	66.1	55	48.7	57	51.3	69	59.0	51	44.0	53.5
Crow Wing	588	95.4	509	81.9	421	67.1	365	58.2	357	56.8	71.6
Dakota	2,518	64.5	2,337	59.5	2,057	51.9	2,035	50.6	1,798	44.4	53.9
Dodge	126	64.4	100	50.6	83	42.0	104	51.4	68	33.6	48.1
Douglas	300	83.2	266	73.4	227	62.4	213	58.9	162	44.5	64.4
Faribault	79	53.1	57	39.0	59	40.7	64	44.1	69	48.4	45.3
Fillmore	102	48.5	90	43.2	92	44.2	88	42.2	75	36.0	42.9
Freeborn	169	54.1	190	61.4	204	65.8	198	63.5	159	51.2	59.2
Goodhue	444	96.9	384	83.7	335	73.1	347	75.1	333	71.9	80.0
Grant	40	66.4	40	66.6	28	48.0	22	36.7	21	35.3	50.7
Hennepin	7,500	66.0	6,783	59.4	6,307	54.5	6,769	57.9	6,950	58.7	59.1
Houston	156	79.9	121	62.9	108	56.1	109	57.6	116	61.6	64.0
Hubbard	116	61.8	137	72.8	111	59.5	164	80.8	120	59.0	65.8
Isanti	187	48.0	161	41.2	138	35.0	150	39.2	154	40.3	41.0
Itasca	342	76.8	386	86.7	280	62.6	319	70.8	330	73.0	73.8
Jackson	69	63.4	59	55.0	65	60.3	63	61.8	81	78.8	64.5
Kanabec	123	76.4	81	50.3	104	65.4	110	68.0	90	56.2	63.2
Kandiyohi	297	72.8	279	68.6	215	52.3	226	53.6	242	57.1	60.4
Kittson	24	53.3	18	**	15	**	22	48.7	12	*	40.6
Koochiching	97	72.1	89	67.2	92	70.1	81	61.3	70	53.0	64.9
Lac Qui Parle	35	48.2	38	53.0	39	54.9	26	36.1	28	39.4	46.3
Lake	53	49.3	62	58.4	72	67.9	42	38.8	69	63.8	55.5
Lake of the Woods	47	114.8	50	125.5	38	97.9	35	87.3	45	113.3	108.1
Le Sueur	151	53.9	155	55.3	107	38.1	107	38.7	93	33.6	44.1
Lincoln	25	42.5	23	39.4	26	45.4	22	37.8	29	49.8	43.0
Lyon	193	78.2	177	71.2	173	69.0	139	53.7	159	62.2	66.1
McLeod	281	75.5	222	59.7	173	46.8	182	50.0	149	41.3	55.0
Mahnomen	113	220.3	104	202.8	96	191.0	107	196.1	99	178.8	195.4
Marshall	61	63.4	35	36.8	37	40.3	42	44.3	49	51.9	47.6
Martin	151	73.8	118	57.7	126	62.2	90	43.5	88	43.0	55.8
Meeker	123	53.0	95	41.0	94	40.6	60	25.8	48	20.8	36.2
Mille Lacs	234	88.8	233	88.3	221	83.8	189	72.8	174	67.6	80.5
Morrison	199	60.8	171	52.0	186	56.6	155	46.6	144	43.6	51.7
Mower	414	108.8	303	80.0	262	68.6	275	69.9	276	70.1	78.9
Murray	37	43.5	25	29.8	19	**	21	24.3	25	29.1	29.7
Nicollet	239	75.4	188	58.7	176	54.6	170	51.8	167	50.7	57.8

**Injury Table 13: Minnesota Impaired Driving Incidents on Record by County of Occurrence per 10,000 Population, 2007-2011**

	2008		2009		2010		2011		2012		2008-2012
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
<b>State of Minnesota*</b>	<b>35,768</b>	<b>68.8</b>	<b>32,756</b>	<b>62.7</b>	<b>29,918</b>	<b>56.8</b>	<b>29,257</b>	<b>54.7</b>	<b>28,570</b>	<b>53.1</b>	<b>58.9</b>
Nobles	175	86.9	166	81.5	149	72.5	115	53.7	140	65.2	70.8
Norman	28	41.9	37	56.0	22	34.1	50	72.8	39	58.8	52.7
Olmsted	996	71.3	973	68.8	865	60.1	943	64.7	752	51.1	62.7
Otter Tail	345	60.5	299	52.7	335	59.2	294	51.4	267	46.6	54.0
Pennington	96	69.8	63	45.8	74	53.5	66	46.9	87	61.8	55.4
Pine	263	93.4	200	70.7	198	69.8	170	57.4	176	60.2	69.3
Pipestone	61	65.6	45	47.9	45	48.1	47	49.5	36	38.5	49.6
Polk	264	86.0	271	88.3	254	82.5	231	73.4	237	75.4	80.6
Pope	56	50.6	49	44.4	50	46.0	39	35.8	49	45.0	44.4
Ramsey	2,995	59.9	2,862	57.1	2,946	58.2	2,666	51.8	2,679	51.5	55.5
Red Lake	53	128.7	43	105.7	36	86.0	30	73.1	34	83.2	95.4
Redwood	117	75.4	139	89.7	95	61.4	87	54.5	107	67.5	69.1
Renville	102	63.2	103	64.9	136	86.5	122	78.7	118	76.8	74.3
Rice	407	65.7	363	58.2	327	52.1	329	51.1	264	40.7	53.1
Rock	37	39.0	29	30.6	36	38.0	51	53.0	34	35.6	39.1
Roseau	145	90.9	147	92.7	91	57.2	113	72.7	116	75.0	78.0
St. Louis	1,589	80.8	1,657	84.2	1,313	66.4	1,262	63.0	1,217	60.8	70.7
Scott	953	75.3	816	63.3	760	57.6	632	47.7	618	45.7	57.4
Sherburne	582	67.4	534	60.9	469	53.4	412	46.1	513	57.3	56.7
Sibley	85	56.6	65	43.5	53	35.5	41	27.0	49	32.4	38.9
Stearns	1,063	72.8	1,021	69.4	968	65.0	951	62.8	1,017	67.1	67.0
Steele	208	57.2	227	62.1	217	59.0	189	51.7	247	68.0	59.5
Stevens	42	43.6	42	43.5	27	28.0	51	52.7	42	43.5	42.2
Swift	57	50.9	41	37.2	37	34.2	66	68.5	59	61.5	51.1
Todd	141	58.7	147	61.5	107	44.8	81	32.6	103	42.0	47.4
Traverse	14	**	6	**	15	**	8	**	15	*	32.6
Wabasha	177	81.3	184	84.4	132	60.3	131	60.6	100	46.6	66.8
Wadena	99	74.0	89	66.9	70	52.8	66	48.0	65	47.2	57.3
Waseca	123	63.0	88	45.3	77	41.0	84	43.6	85	44.2	47.7
Washington	1,311	57.9	1,260	55.0	1,114	48.0	1,010	41.9	982	40.2	47.9
Watsonwan	63	57.2	60	55.2	36	33.0	50	44.6	30	26.8	43.2
Wilkin	58	90.4	42	66.8	52	83.0	71	107.7	56	85.0	86.4
Winona	395	79.3	339	68.0	350	70.8	332	64.6	317	61.4	68.3
Wright	675	57.5	512	42.8	476	39.0	592	46.8	619	48.6	46.3
Yellow Medicine	120	118.5	78	78.3	119	120.6	80	77.6	85	83.7	95.0
Aitkin, Itasca and Koochiching	597	80.8	609	82.9	476	64.8	538	72.2	532	71.5	74.3
Beltrami, Clearwater, Hubbard and Lake of the Woods	772	103.3	687	91.7	615	81.9	677	86.4	499	63.6	84.6
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	336	72.4	226	49.2	295	65.0	248	55.5	269	60.9	61.0
Brown and Nicollet	388	67.3	329	56.8	302	52.2	288	49.2	293	50.2	54.9
Carlton, Cook, Lake and St. Louis	1,912	77.5	2,007	81.3	1,681	67.7	1,579	62.7	1,555	61.8	69.9
Clay and Wilkin	144	64.8	114	51.8	122	55.7	132	60.3	132	60.3	58.7
Cottonwood and Jackson	603	98.4	618	99.6	619	98.2	582	87.7	576	86.3	92.6
Dodge and Steele	452	68.0	403	60.5	347	52.3	333	50.3	289	43.5	55.0

**Injury Table 13: Minnesota Impaired Driving Incidents on Record by County of Occurrence  
per 10,000 Population, 2007-2011**

	2008		2009		2010		2011		2012		2008-2012
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
<b>State of Minnesota*</b>	<b>35,768</b>	<b>68.8</b>	<b>32,756</b>	<b>62.7</b>	<b>29,918</b>	<b>56.8</b>	<b>29,257</b>	<b>54.7</b>	<b>28,570</b>	<b>53.1</b>	<b>58.9</b>
Douglas, Grant, Pope, Stevens and Traverse	334	59.7	327	58.1	300	53.1	293	51.6	315	55.7	55.5
Faribault and Martin	258	63.6	211	52.6	200	49.9	197	49.5	191	48.1	53.0
Fillmore and Houston	230	65.1	175	49.9	185	53.2	154	43.8	157	45.2	51.4
Isanti and Mille Lacs	421	64.5	394	60.2	359	54.5	339	52.8	328	51.3	56.9
Kanabec and Pine	379	79.1	306	64.2	253	53.3	273	57.2	298	62.6	63.4
Kandiyohi and Renville	386	87.2	281	63.3	302	68.2	280	61.2	266	58.8	67.1
Kittson, Marshall, Pennington, Red Lake and Roseau	399	70.1	382	67.6	351	61.8	348	60.3	360	62.3	64.2
Le Sueur and Waseca	470	64.0	438	59.6	394	53.6	367	48.7	390	52.2	55.2
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	274	57.6	243	51.2	184	39.3	191	40.7	178	37.9	45.5
Mahnomen, Norman and Polk	405	95.2	412	97.1	372	88.0	388	88.6	246	33.1	48.7
Meeker, McCleod and Sibley	489	64.8	382	50.8	320	42.7	283	37.8	375	86.0	85.6
Morrison, Todd and Wadena	439	62.6	407	58.0	363	51.8	302	42.1	312	43.7	51.3

Source: Minnesota Department of Public Safety

\*Includes unknown.

\*\*A rate was not calculated if the number of events was less than 20.

**Driving While Impaired (DWI) Violations:** The number of drivers who were arrested and found guilty of violating one of the driving while impaired laws. Driving while impaired includes alcohol and other drugs.

**Number:** The number of driving while DWI violations that occurred **WITHIN** that county/state each year.

**Rate:** The number of DWI violations per 10,000 population in the county/state.

**Injury Table 14: Minnesota Impaired Driving Incidents on Record by County of Residence  
per 10,000 Population, 2007-2011**

	2008		2009		2010		2011		2012		2008-2012
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
<b>State of Minnesota*</b>	<b>34,241</b>	<b>65.9</b>	<b>31,352</b>	<b>60.1</b>	<b>28,716</b>	<b>54.5</b>	<b>28,257</b>	<b>52.9</b>	<b>27,462</b>	<b>51.1</b>	<b>56.6</b>
Aitkin	100	62.9	93	59.1	75	47.9	82	50.6	86	54.0	54.7
Anoka	2,106	64.6	1,900	58.1	1,749	52.7	1,558	46.8	1,672	49.7	54.2
Becker	259	81.0	222	69.4	235	73.3	240	73.2	210	63.6	71.8
Beltrami	492	112.8	363	82.8	351	79.1	379	83.7	284	62.6	83.7
Benton	265	67.1	217	54.4	176	43.8	175	45.3	179	46.1	51.6
Big Stone	29	53.9	14	**	23	43.8	21	40.1	32	62.0	45.3
Blue Earth	482	80.6	439	72.7	347	56.9	307	47.7	296	45.5	59.4
Brown	148	56.9	152	58.8	138	53.9	132	51.3	114	44.8	53.2
Carlton	214	63.1	208	61.3	220	64.1	219	61.8	198	56.0	60.7
Carver	458	51.8	400	44.4	392	42.6	426	46.0	424	45.2	45.7
Cass	246	85.6	242	84.2	207	72.5	227	80.0	189	66.7	77.9
Chippewa	79	63.4	49	39.5	77	62.5	72	58.4	56	46.1	54.0
Chisago	314	62.6	293	58.3	232	45.8	253	46.9	241	45.1	50.9
Clay	431	78.6	380	68.1	366	64.5	348	58.2	325	54.0	63.5
Clearwater	86	104.3	91	110.3	79	95.9	54	61.5	55	63.2	85.6
Cook	20	**	26	47.8	24	43.9	16	**	26	50.1	42.3
Cottonwood	75	66.1	73	64.7	53	47.7	58	49.6	53	45.7	54.4
Crow Wing	452	73.3	384	61.8	346	55.2	304	48.4	292	46.4	56.8
Dakota	2,483	63.6	2,385	60.7	2,079	52.4	2,132	53.0	1,979	48.9	55.4
Dodge	135	69.0	136	68.9	105	53.1	121	59.8	103	50.9	59.9
Douglas	274	76.0	236	65.1	183	50.3	184	50.9	153	42.0	56.8
Faribault	83	55.8	79	54.0	65	44.8	72	49.6	71	49.8	51.1
Fillmore	110	52.3	108	51.8	111	53.3	100	47.9	87	41.8	49.5
Freeborn	172	55.0	197	63.7	203	65.5	178	57.1	140	45.1	57.3
Goodhue	342	74.6	309	67.3	278	60.7	275	59.5	260	56.1	63.5
Grant	52	86.4	31	51.6	31	53.1	28	46.8	31	52.2	58.1
Hennepin	7,506	66.0	6,738	59.1	6,246	54.0	6,366	54.5	6,279	53.0	57.1
Houston	115	58.9	103	53.5	98	50.9	93	49.2	86	45.7	52.0
Hubbard	125	66.6	128	68.0	110	59.0	133	65.5	99	48.7	60.4
Isanti	240	61.7	197	50.4	175	44.4	192	50.2	189	49.4	51.5
Itasca	313	70.3	301	67.6	253	56.6	292	64.8	277	61.3	63.9
Jackson	53	48.7	44	41.0	66	61.2	45	44.1	58	56.4	50.9
Kanabec	110	68.4	74	46.0	96	60.4	81	50.1	92	57.5	56.3
Kandiyohi	279	68.4	270	66.4	206	50.1	242	57.4	239	56.4	59.3
Kittson	32	71.0	18	**	20	**	22	48.7	18	*	49.1
Koochiching	106	78.8	89	67.2	93	70.8	86	65.1	72	54.5	67.5
Lac Qui Parle	37	51.0	39	54.4	40	56.3	37	51.4	36	50.6	52.7
Lake	58	54.0	68	64.1	67	63.1	47	43.4	59	54.5	55.7
Lake of the Woods	37	90.4	32	80.3	27	69.6	25	62.4	21	52.9	71.4
Le Sueur	212	75.6	211	75.2	162	57.7	158	57.1	136	49.1	63.2
Lincoln	28	47.6	25	42.8	32	55.9	24	41.2	29	49.8	47.4
Lyon	159	64.4	156	62.8	146	58.2	131	50.6	140	54.8	57.5
McLeod	233	62.6	189	50.9	179	48.5	162	44.5	156	43.3	50.2
Mahnomen	61	118.9	71	138.5	57	113.4	64	117.3	74	133.7	123.1
Marshall	72	74.9	57	60.0	54	58.8	59	62.2	52	55.0	62.5
Martin	125	61.1	123	60.2	110	54.3	99	47.9	96	46.9	53.9
Meeker	127	54.7	99	42.8	92	39.7	86	37.0	80	34.7	41.8
Mille Lacs	214	81.2	221	83.8	216	81.9	190	73.1	173	67.2	77.7
Morrison	208	63.5	207	62.9	178	54.1	178	53.6	160	48.4	56.3
Mower	384	100.9	284	75.0	270	70.7	295	75.0	247	62.7	76.3
Murray	37	43.5	37	44.1	38	45.2	30	34.8	33	38.5	40.9

**Injury Table 14: Minnesota Impaired Driving Incidents on Record by County of Residence  
per 10,000 Population, 2007-2011**

	2008		2009		2010		2011		2012		2008-2012
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
<b>State of Minnesota*</b>	<b>34,241</b>	<b>65.9</b>	<b>31,352</b>	<b>60.1</b>	<b>28,716</b>	<b>54.5</b>	<b>28,257</b>	<b>52.9</b>	<b>27,462</b>	<b>51.1</b>	<b>56.6</b>
Nicollet	216	68.2	196	61.2	169	52.4	146	44.5	136	41.3	53.0
Nobles	147	73.0	143	70.2	150	73.0	118	55.1	148	68.9	67.1
Norman	40	59.8	34	51.5	42	65.1	39	56.8	35	52.8	56.9
Olmsted	1,001	71.6	920	65.1	855	59.4	902	61.9	750	51.0	61.3
Otter Tail	340	59.6	295	51.9	308	54.4	291	50.8	272	47.5	52.8
Pennington	114	82.9	82	59.6	72	52.0	68	48.3	104	73.9	63.2
Pine	209	74.2	176	62.2	160	56.4	149	50.3	151	51.7	58.2
Pipestone	45	48.4	33	35.1	40	42.8	52	54.7	48	51.4	46.2
Polk	225	73.3	237	77.2	213	69.2	202	64.2	225	71.6	70.7
Pope	58	52.4	53	48.1	46	42.3	32	29.4	41	37.6	42.1
Ramsey	3,073	61.5	3,026	60.3	2,910	57.5	2,741	53.3	2,648	50.9	56.4
Red Lake	19	**	23	56.5	27	64.5	33	80.4	29	71.0	63.8
Redwood	99	63.8	108	69.7	106	68.5	87	54.5	98	61.8	63.2
Renville	126	78.1	111	70.0	132	84.0	104	67.1	107	69.6	74.2
Rice	394	63.6	349	55.9	306	48.8	297	46.1	253	39.0	50.2
Rock	33	34.7	28	29.5	33	34.8	40	41.6	29	30.4	34.1
Roseau	141	88.4	139	87.6	86	54.1	108	69.5	114	73.7	75.0
St. Louis	1,427	72.5	1,467	74.5	1,192	60.3	1,150	57.4	1,158	57.8	64.2
Scott	759	59.9	647	50.2	602	45.6	585	44.1	569	42.1	48.0
Sherburne	534	61.9	470	53.6	438	49.9	418	46.8	495	55.3	53.2
Sibley	94	62.6	66	44.1	55	36.9	54	35.6	69	45.6	44.8
Stearns	945	64.7	906	61.6	833	55.9	764	50.5	763	50.3	56.2
Steele	214	58.8	232	63.5	209	56.8	175	47.9	224	61.7	57.7
Stevens	41	42.6	44	45.5	30	31.2	45	46.5	38	39.3	40.9
Swift	82	73.3	50	45.3	48	44.3	70	72.6	63	65.7	61.5
Todd	157	65.3	134	56.0	124	52.0	113	45.5	117	47.7	52.9
Traverse	19	**	14	**	15	**	16	**	17	*	45.6
Wabasha	158	72.5	164	75.2	116	53.0	128	59.3	115	53.5	62.8
Wadena	87	65.0	92	69.1	82	61.8	56	40.7	67	48.7	56.5
Waseca	128	65.5	105	54.0	81	43.2	97	50.3	96	49.9	52.9
Washington	1,303	57.5	1,167	50.9	1,064	45.9	1,016	42.1	1,015	41.6	47.0
Watonwan	79	71.7	65	59.9	62	56.8	62	55.4	45	40.2	56.5
Wilkin	44	68.6	43	68.4	43	68.6	40	60.7	28	42.5	61.3
Winona	299	60.0	267	53.5	265	53.6	266	51.8	247	47.8	53.0
Wright	718	61.2	606	50.6	548	45.0	642	50.8	631	49.6	50.7
Yellow Medicine	95	93.8	52	52.2	78	79.1	53	51.4	60	59.1	66.6
Aitkin, Itasca and Koochiching	519	70.2	483	65.7	421	57.3	460	61.8	435	58.5	62.6
Beltrami, Clearwater, Hubbard and Lake of the Woods	740	99.0	614	82.0	567	75.5	591	75.4	459	58.5	77.3
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	322	69.4	204	44.4	266	58.6	253	56.6	247	55.9	57.3
Brown and Nicollet	364	63.1	348	60.1	307	53.1	278	47.5	250	42.8	53.1
Carlton, Cook, Lake and St. Louis	1,719	69.7	1,769	71.7	1,503	60.6	1,432	56.9	1,441	57.3	62.9
Cottonwood and Jackson	128	57.6	117	53.1	119	54.3	103	47.1	111	50.7	52.7
Clay and Wilkin	475	77.5	423	68.2	409	64.9	388	58.4	353	52.9	63.3
Douglas, Grant, Pope, Stevens and Traverse	444	66.8	378	56.7	305	46.0	305	46.0	280	42.2	51.6

**Injury Table 14: Minnesota Impaired Driving Incidents on Record by County of Residence per 10,000 Population, 2007-2011**

	2008		2009		2010		2011		2012		2008-2012
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
<b>State of Minnesota*</b>	<b>34,241</b>	<b>65.9</b>	<b>31,352</b>	<b>60.1</b>	<b>28,716</b>	<b>54.5</b>	<b>28,257</b>	<b>52.9</b>	<b>27,462</b>	<b>51.1</b>	<b>56.6</b>
Dodge and Steele	349	62.4	368	65.4	314	55.5	296	52.1	327	57.8	58.5
Fillmore and Houston	225	55.5	211	52.6	209	52.1	193	48.5	173	43.6	50.7
Faribault and Martin	208	58.9	202	57.6	175	50.4	171	48.6	167	48.1	52.7
Isanti and Mille Lacs	454	69.6	418	63.8	391	59.4	382	59.4	362	56.6	62.0
Kittson, Marshall, Pennington, Red Lake and Roseau	378	78.8	319	67.0	259	54.5	290	60.8	317	66.6	65.7
Kanabec and Pine	319	72.1	250	56.3	256	57.8	230	50.2	243	53.7	57.5
Kandiyohi and Renville	405	71.2	381	67.4	338	59.5	346	60.0	346	59.9	63.3
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	401	54.6	387	52.7	395	53.7	364	48.3	377	50.5	51.6
Le Sueur and Waseca	340	71.5	316	66.5	243	51.9	255	54.3	232	49.5	59.0
Meeker, McCleod and Sibley	454	60.2	354	47.0	326	43.5	302	40.3	305	41.1	46.5
Mahnomen, Norman and Polk	326	76.7	342	80.6	312	73.8	305	69.7	334	76.6	75.0
Morrison, Todd and Wadena	452	64.4	433	61.8	384	54.8	347	48.3	344	48.2	55.2

Source: Minnesota Department of Public Safety

\*Includes unknown.

\*\*A rate was not calculated if the number of events was less than 20.

**Driving While Impaired (DWI) Violations:** The number of drivers who were arrested and found guilty of violating one of the driving while impaired laws. Driving while impaired includes alcohol and other drugs.

**Number:** The number of driving while impaired violations by county of residence.

**Rate:** The number of DWI violations per 10,000 population in the county/state.

**Cause of Injury Codes for ED Visits and Hospitalizations ICD-9-CM**

Mechanism/cause	Abbreviations	Manner/Intent	
		Unintentional	Self-inflicted
Cut/pierce	Cut	E920.0-9	E956
Drowning/submersion	Drowning	E830.0-9, E832.0-9, E910.0-9	E954
Fall	Fall	E880.0-E886.9, E888(.0-.9)	E957.0-.9
Fire/flame	Fire	E890.0-E899	E958.1
Hot object/substance	Hot Object	E924.0-9	E958.2,.7
Firearm	Firearm	E922(.0-.9)	E955.0-.4,.6
Machinery	Machinery	E919.0-9	-
MV traffic, occupant	Motorvehicle	E810-E819 (.0,.1)	-
MV traffic, pedal cyclist	Pedal Cyclist	E810-E819 (.2,.3)	-
MV traffic, motorcyclist	Motorcycle	E810-E819 (.6)	-
MV traffic, pedestrian	Pedestrian	E810-E819 (.7)	-
MV traffic, other/unspecified	MV Unspec	E810-E819 (.4,.5,.8,.9)	E958.5
Motorcyclist, other	Motorcyclist, other	E820-E825 (.2,.3)	-
Pedal cyclist, other	Pedal Other	E800-E807 (.3); E820-E825 (.6);E826.1, .9; E827-E829 (.1)	-
Pedestrian, other	Pedest. Other	E800-E807 (.2), E820-E825 (.7), E826-E829 (.0)	-
Snowmobile rider	ATV Snow	E820 (.0,.1,.8,.9)	-
ATV rider	ATV Snow	E821 (.0,.1,.8,.9)	-
Transport, other	Trans Other	E800-E807 (.0,.1,.8,.9), E820-E821 (.4,.5),E822-E825 (.0,.1,.4,.5,.8,.9), E826.2-.8,E827-E829 (.2-.9), E831.0-.9, E833.0-E848	E958.6
Bites and stings	Bite	E905.0-.6,.9; E906.0-.4,.5,.9, E928.3	-
Natural/environmental, other	Natural Env	E900.0-E904.9, E905.7,.8, E906.8, E907-E909.9, E928.0-.2	E958.3
Overexertion	Overexertion	E927	-
Poisoning	Poisoning	E850.0-E869.9	E950.0-E952.9
Struck by or against (e.g. ball, bat, tree limb)	Struck by	E916-E917.9	-
Suffocation	Suffoc	E911-E913.9	E953.0-.9
Battering/maltreatment	Battering/Maltreatment	-	-
Rape	Rape	-	-
Foreign body entering eye/orifice	For. Body Eye	E914-E915	-
Caught in/between objects	Caught	E918	-
Other Injury	Other	E921.0-9, E923.0-9, E925.0-E926.9, E928.8	E955.5,.9; E958.0,.4,.8
Unspecified	Unspecified	E887, E928.9	E958.9

Source: MDH, Injury and Violence Prevention Unit, <http://www.health.state.mn.us/injury/docs/ecodematrix2007.pdf>

**Cause of Injury Codes for ED Visits and Hospitalizations ICD-9-CM**

Mechanism/cause	Abbreviations	Manner/Intent		
		Assaultive	Undetermined	Other
Cut/pierce	Cut	E966	E986	E974
Drowning/submersion	Drowning	E964	E984	-
Fall	Fall	E968.1	E987.0-.9	-
Fire/flame	Fire	E968.0	E988.1	-
Hot object/substance	Hot Object	E961, E968.3	E988.2,.7	-
Firearm	Firearm	E965.0-.4, E968.6	E985.0-.4,.6	E970, E991.0-2
Machinery	Machinery	-	-	-
MV traffic, occupant	Motorvehicle	-	-	-
MV traffic, pedal cyclist	Pedal Cyclist	-	-	-
MV traffic, motorcyclist	Motorcycle	-	-	-
MV traffic, pedestrian	Pedestrian	-	-	-
MV traffic, other/unspecified	MV Unspec	E968.5	E988.5	-
Motorcyclist, other	Motorcyclist, other	-	-	-
Pedal cyclist, other	Pedal Other	-	-	-
Pedestrian, other	Pedest. Other	-	-	-
Snowmobile rider	ATV Snow	-	-	-
ATV rider	ATV Snow	-	-	-
Transport, other	Trans Other	-	E988.6	-
Bites and stings	Bite	E968.7	-	-
Natural/environmental, other	Natural Env	-	E988.3	-
Overexertion	Overexertion	-	-	-
Poisoning	Poisoning	E962.0-.9	E980.0-E982.9	E972
Struck by or against (e.g. ball, bat, tree limb)	Struck by	E960.0, E968.2	-	E973, E975
Suffocation	Suffoc	E963	E983.0-.9	-
Battering/maltreatment	Battering/Maltreatment	E967.0-.9	-	-
Rape	Rape	E960.1, V71.5	-	-
Foreign body entering eye/orifice	For. Body Eye	-	-	-
Caught in/between objects	Caught	-	-	-
Other Injury	Other	E965.5-.9;E968.4,.8	E985.5; E988.0,.4,.8	E971; E978; E990(.0,.9); E991.3-.9; E992-E996; E997.0-.2,.8; E998
Unspecified	Unspecified	E968.9	E988.9	E976, E997.9

Source: MDH, Injury and Violence Prevention Unit, <http://www.health.state.n>



## Death Codes ICD-10

	Abbreviations	Manner/Intent	
		Unintentional	Self-inflicted
Cut/Pierce	Cut	W25-W29, W45	X78
Drowning/Submersion	Drowning	W65-W74	X71
Fall	Fall	W00-W19	X80
Fire/Flame/Smoke	Fire	X00-X09	X76
Hot Object/Substance, Caustic Substance	Hot Object	X10-X19	X77
Firearm	Firearm	W32-W34	X72-X74
Machinery	Machinery	W24, W30-W31	-
Motor Vehicle, Traffic Occupant	Motorvehicle	V30-V79(.4-.9), V81.1, V82.1, V83-V86(.0-.3)	X82
MV Traffic, Pedal Cyclist	Pedal Cyclist	V12-V14 (.3-.9), V19 (.3-.9)	-
MV Traffic, Motorcyclist	Motorcycle	V20-V28 (.3-.9), V29 (.4-.9)	-
MV Traffic, Pedestrian	Pedestrian	V02-V04 (.1-.9), V92	-
MV Traffic, Other	MV Other	V80 (.3-.5)	-
MV Traffic, Unspecified	MV Unspec	V87 (.0-.8)	-
Pedal Cyclist, Other	Pedal Other	V12-V14 (.0-.2), V19 (.0-.3)	-
Pedestrian, Other	Pedest. Other	V02-V04 (.0), V09	-
ATV/Snomobile, Nontraffic	ATV/Snowmobile	V86 (.4-.9)	-
Land Transport, Other	Land Trans, Other	V20-V28 (.0-.2), V29 (.0-.3), V8 (.0,.1,.2,.6,.7,.8,.9), V81-V82 (.0,.2,.3,.4,.5,.6,.7,.8,.9), V83-V85 (.4-.9), V87.9, V88 (.0-.9), V89 (.0,.1,.3,.9)	-
Water Transport	Water Trans	V90-V94	-
Aircraft (excludes spacecraft)	Aircraft	V95.0-V95.3, V95.8-V97.8	-
Other Transport	Other Trans	V95.4, V98-V99	-
Natural/Environmental	Natural/env	W92-W99, X20-X39, X51-X57, W42-W43, W53-W64	-
Overexertion	Overexertion	X50	-
Poisoning	Poisoning	X40-X49	X60-X69
Struck By or Against (e.g ball, bat, tree limb)	Struck by	W20-W22, W50-W52	X79
Suffocation	Suffoc	W75-W84	X70
Battering/Maltreatment	Battering/Maltreatment	-	-
Neglect/Abandonment	Neglect/Abandonment	-	-
Other Specified, classifiable	Other Spec. class	W23, W35-W41, W44, W49, W85-W91, Y85*	X75, X81
Other Specified, Not Classifiable	Other Spec., NC	X58, Y86*	X83, Y87.0
Late Effect of Unintentional Injury	Late Effect of UI	Y85, Y86*	-
Unspecified	Unspecified	X59	X84

For more information on ICD-10 death codes go to:

<http://apps.who.int/classifications/icd10/browse/2010/en>

## Death Codes ICD-10

	Abbreviations	Manner/Intent		
		Assaultive	Undetermined	Other
Cut/Pierce	Cut	X99	Y28	Y35.4
Drowning/Submersion	Drowning	X92	Y21	-
Fall	Fall	Y01	Y30	-
Fire/Flame/Smoke	Fire	X97	Y26	Y36.3
Hot Object/Substance, Caustic Substance	Hot Object	X98	Y27	-
Firearm	Firearm	X93-X95	Y22-Y24	Y35.0
Machinery	Machinery	-	-	-
Motor Vehicle, Traffic Occupant	Motorvehicle	Y03	Y32	-
MV Traffic, Pedal Cyclist	Pedal Cyclist	-	-	-
MV Traffic, Motorcyclist	Motorcycle	-	-	-
MV Traffic, Pedestrian	Pedestrian	-	-	-
MV Traffic, Other	MV Other	-	-	-
MV Traffic, Unspecified	MV Unspec	-	-	-
Pedal Cyclist, Other	Pedal Other	-	-	-
Pedestrian, Other	Pedest. Other	-	-	-
ATV/Snomobile, Nontraffic	ATV/Snowmobile	-	-	-
Land Transport, Other	Land Trans, Other	-	-	-
Water Transport	Water Trans	-	-	-
Aircraft (excludes spacecraft)	Aircraft	-	-	-
Other Transport	Other Trans	-	-	Y36.1
Natural/Environmental	Natural/env	-	-	-
Overexertion	Overexertion	-	-	-
Poisoning	Poisoning	X85-X90	Y10-Y19	Y35.2
Struck By or Against (e.g ball, bat, tree limb)	Struck by	Y00, Y04	Y29	Y35.3
Suffocation	Suffoc	X91	Y20	-
Battering/Maltreatment	Battering/Maltreatment	Y07	-	-
Neglect/Abandonment	Neglect/Abandonment	Y06	-	-
Other Specified, classifiable	Other Spec. class	X96, Y02, Y05	Y25, Y31	Y35.1, Y35.5, Y36.0, Y36.2, Y36.4-Y36.8
Other Specified, Not Classifiable	Other Spec., NC	Y08, Y87.1	Y33, Y87.2	Y35.6, Y89.0, Y89.1
Late Effect of Unintentional Injury	Late Effect of UI	-	-	-
Unspecified	Unspecified	Y09	Y34, Y89.9	Y35.7, Y36.9

For more information on ICD-10 death codes go to:

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