

2011 Minnesota County Health Tables

2011 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
www.health.state.mn.us/divs/chs

To obtain this information in a different format, email healthstats@state.mn.us.

Section A: Demographics Tables

Tables

Table 1: Population Estimates by Age and Sex

Table 2: Population Estimates by Race and Ethnicity

Table 3: Selected Population Statistics

Table 4: Elderly Population

Table 5: Selected Minnesota Demographics

Table 6: Selected Socioeconomic Statistics

Table 7: Family Investment Programs

Table 8: Medical Assistance Programs

Table 9 : School Enrollment by Race/Ethnicity

Table 10: Child Maltreatment

Table 11: Out of Home Placements

Demographics Table 1: County Estimates by Age and Sex, 2011

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+	
State of Minnesota	F	346,511	351,803	357,404	332,703	369,785	385,798	260,436	152,164	133,354	2,689,958
	M	361,550	368,470	369,159	342,361	372,962	384,149	249,279	129,166	77,807	2,654,903
Aitkin	F	735	791	570	599	930	1,356	1,457	986	570	7,994
	M	808	803	609	655	967	1,361	1,524	1,018	481	8,226
Anoka	F	22,362	23,022	19,624	21,853	26,784	24,797	15,665	7,796	4,665	166,568
	M	23,084	24,607	20,496	22,508	26,753	25,062	14,672	6,608	2,782	166,572
Becker	F	2,177	2,066	1,638	1,699	1,932	2,529	2,025	1,274	954	16,294
	M	2,247	2,169	1,698	1,812	2,055	2,595	2,107	1,192	609	16,484
Beltrami	F	3,185	3,212	3,634	2,379	2,573	3,045	2,206	1,279	1,106	22,619
	M	3,428	3,343	3,968	2,488	2,411	2,953	2,186	1,213	655	22,645
Benton	F	2,725	2,334	3,164	2,565	2,498	2,424	1,611	921	1,049	19,291
	M	2,757	2,565	3,210	2,761	2,673	2,515	1,568	822	509	19,380
Big Stone	F	306	296	224	222	300	413	322	289	314	2,686
	M	290	324	211	228	310	434	312	259	184	2,552
Blue Earth	F	3,483	4,787	7,320	3,386	3,279	3,834	2,550	1,610	1,753	32,002
	M	3,707	4,508	8,441	3,648	3,462	3,783	2,576	1,335	922	32,382
Brown	F	1,396	1,622	1,430	1,239	1,625	2,012	1,390	1,046	1,159	12,919
	M	1,634	1,720	1,569	1,317	1,615	2,006	1,421	852	681	12,815
Carlton	F	2,195	2,134	1,722	1,968	2,363	2,599	1,799	1,196	1,021	16,997
	M	2,291	2,406	2,242	2,400	2,719	2,861	1,929	1,077	533	18,458
Carver	F	7,100	7,404	4,305	6,322	8,291	6,576	3,391	1,768	1,428	46,585
	M	7,406	7,746	4,459	6,019	8,098	6,742	3,299	1,480	804	46,053
Cass	F	1,626	1,616	1,202	1,257	1,686	2,294	2,220	1,293	732	13,926
	M	1,693	1,696	1,305	1,333	1,804	2,334	2,297	1,446	556	14,464
Chippewa	F	743	794	639	624	792	923	700	484	577	6,276
	M	789	837	655	660	742	966	679	409	306	6,043
Chisago	F	3,300	3,874	2,450	3,207	4,392	3,928	2,504	1,331	1,086	26,072
	M	3,594	4,025	3,214	3,491	4,788	4,125	2,589	1,321	697	27,844
Clay	F	3,802	4,722	5,744	3,500	3,383	3,703	2,342	1,579	1,477	30,252
	M	4,005	4,589	5,745	3,666	3,358	3,694	2,300	1,325	869	29,551
Clearwater	F	593	538	405	484	492	663	543	376	272	4,366
	M	595	619	450	487	531	652	536	349	189	4,408
Cook	F	220	252	227	240	350	514	444	227	163	2,637
	M	227	276	221	241	330	482	472	226	106	2,581
Cottonwood	F	734	748	523	579	712	852	674	526	576	5,924
	M	761	798	569	587	684	904	689	431	339	5,762
Crow Wing	F	3,905	3,647	3,408	3,271	3,931	4,752	4,037	2,567	1,937	31,455
	M	4,080	3,939	3,487	3,481	4,038	4,563	3,985	2,441	1,294	31,308
Dakota	F	27,645	27,701	24,180	27,340	32,014	30,702	18,530	9,354	6,976	204,442
	M	28,622	29,532	24,385	26,627	30,688	29,223	16,929	7,578	3,980	197,564
Dodge	F	1,547	1,561	993	1,286	1,474	1,374	857	581	450	10,123
	M	1,523	1,604	1,065	1,362	1,482	1,444	851	494	295	10,120
Douglas	F	2,087	2,035	1,982	1,885	2,180	2,710	2,275	1,561	1,324	18,039
	M	2,242	2,173	2,296	1,999	2,251	2,683	2,220	1,413	856	18,133
Faribault	F	804	877	633	717	876	1,105	876	684	723	7,295
	M	877	971	697	771	847	1,231	861	555	403	7,213
Fillmore	F	1,294	1,324	976	1,105	1,296	1,571	1,172	860	897	10,495
	M	1,464	1,335	1,052	1,143	1,339	1,566	1,226	762	494	10,381
Freeborn	F	1,875	1,799	1,550	1,556	1,991	2,320	1,886	1,439	1,301	15,717
	M	1,890	1,933	1,692	1,657	2,063	2,478	1,812	1,146	784	15,455

Demographics Table 1: County Estimates by Age and Sex, 2011

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+	
State of Minnesota	F	346,511	351,803	357,404	332,703	369,785	385,798	260,436	152,164	133,354	2,689,958
	M	361,550	368,470	369,159	342,361	372,962	384,149	249,279	129,166	77,807	2,654,903
Goodhue	F	2,819	2,898	2,300	2,556	3,200	3,650	2,551	1,616	1,661	23,251
	M	2,959	3,165	2,461	2,608	3,184	3,725	2,492	1,444	928	22,966
Grant	F	374	340	281	291	366	447	386	260	280	3,025
	M	353	341	287	340	346	470	393	253	181	2,964
Hennepin	F	73,860	69,570	92,928	81,864	80,639	83,469	54,847	28,940	27,215	593,332
	M	76,845	72,461	92,214	84,210	81,325	80,668	49,507	22,490	15,379	575,099
Houston	F	1,080	1,203	840	978	1,301	1,608	1,058	728	695	9,491
	M	1,149	1,283	967	982	1,221	1,690	1,106	612	415	9,425
Hubbard	F	1,146	1,179	817	960	1,302	1,638	1,472	994	571	10,079
	M	1,217	1,207	927	970	1,287	1,657	1,548	974	437	10,224
Isanti	F	2,568	2,682	2,285	2,296	2,819	2,678	1,837	1,092	829	19,086
	M	2,698	2,716	2,308	2,451	2,923	2,894	1,762	979	466	19,197
Itasca	F	2,422	2,685	2,038	2,258	2,814	3,785	3,043	1,829	1,434	22,308
	M	2,668	2,992	2,246	2,371	2,747	3,833	3,104	1,767	998	22,726
Jackson	F	571	623	455	513	616	816	525	456	432	5,007
	M	631	685	568	560	673	867	552	368	291	5,195
Kanabec	F	989	1,017	764	919	1,071	1,258	985	585	397	7,985
	M	1,004	1,134	840	917	1,114	1,368	981	574	252	8,184
Kandiyohi	F	2,761	2,596	2,528	2,254	2,545	3,283	2,243	1,474	1,439	21,123
	M	2,855	2,884	2,886	2,341	2,548	3,216	2,197	1,255	868	21,050
Kittson	F	238	283	144	195	280	386	263	211	254	2,254
	M	225	314	189	196	295	419	314	190	119	2,261
Koochiching	F	663	838	550	656	869	1,104	868	575	478	6,601
	M	681	889	612	604	915	1,208	896	525	282	6,612
Lac Qui Parle	F	360	439	238	315	411	630	441	341	396	3,571
	M	400	456	315	322	435	668	457	314	255	3,622
Lake	F	551	569	482	511	645	938	743	516	409	5,364
	M	555	576	510	541	631	1,024	770	505	348	5,460
Lake of the Woods	F	215	201	135	191	244	398	273	166	138	1,961
	M	221	241	147	181	285	411	295	182	83	2,046
Le Sueur	F	1,811	1,930	1,379	1,601	1,995	1,963	1,476	869	664	13,688
	M	1,916	1,879	1,499	1,716	2,109	2,183	1,431	803	432	13,968
Lincoln	F	344	327	236	296	290	421	342	314	326	2,896
	M	389	349	246	324	353	465	338	268	192	2,924
Lyon	F	1,742	1,818	2,101	1,430	1,508	1,768	1,067	724	856	13,014
	M	1,814	1,857	2,171	1,572	1,551	1,729	1,144	593	446	12,877
McLeod	F	2,371	2,379	1,987	2,141	2,561	2,545	1,894	1,193	1,235	18,306
	M	2,616	2,518	2,094	2,272	2,608	2,513	1,798	1,070	637	18,126
Mahnomon	F	454	390	280	303	286	345	321	185	149	2,713
	M	505	412	275	302	299	399	281	192	78	2,743
Marshall	F	595	590	418	480	598	706	525	407	358	4,677
	M	547	665	463	514	669	791	561	359	235	4,804
Martin	F	1,205	1,261	954	1,028	1,243	1,661	1,220	909	1,045	10,526
	M	1,188	1,331	1,061	1,035	1,231	1,758	1,239	746	574	10,163
Meeker	F	1,617	1,462	1,060	1,250	1,508	1,715	1,271	841	721	11,445
	M	1,593	1,665	1,210	1,299	1,582	1,891	1,328	783	469	11,820
Mille Lacs	F	1,722	1,660	1,433	1,483	1,792	1,743	1,381	889	807	12,910
	M	1,873	1,874	1,423	1,543	1,822	1,899	1,315	887	433	13,069

Demographics Table 1: County Estimates by Age and Sex, 2011

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+	
State of Minnesota	F	346,511	351,803	357,404	332,703	369,785	385,798	260,436	152,164	133,354	2,689,958
	M	361,550	368,470	369,159	342,361	372,962	384,149	249,279	129,166	77,807	2,654,903
Morrison	F	2,155	2,125	1,735	1,769	2,177	2,496	1,758	1,177	1,042	16,434
	M	2,268	2,279	1,935	1,905	2,325	2,644	1,765	1,052	622	16,795
Mower	F	2,783	2,530	2,200	2,212	2,394	2,587	1,918	1,442	1,649	19,715
	M	2,916	2,731	2,453	2,332	2,447	2,801	1,877	1,110	967	19,634
Murray	F	502	528	363	403	498	711	531	414	403	4,353
	M	503	530	377	414	532	702	593	365	261	4,277
Nicollet	F	2,039	2,439	2,792	1,892	1,906	2,225	1,538	867	777	16,475
	M	2,105	2,385	2,895	1,995	2,047	2,204	1,518	768	428	16,345
Nobles	F	1,598	1,337	1,192	1,185	1,214	1,393	1,011	714	759	10,403
	M	1,672	1,497	1,583	1,311	1,380	1,525	983	614	429	10,994
Norman	F	391	456	267	349	419	530	388	302	323	3,425
	M	453	494	276	340	445	553	402	282	199	3,444
Olmsted	F	10,235	9,107	10,015	9,949	9,834	10,823	6,830	4,152	3,530	74,475
	M	10,885	9,402	9,343	9,976	9,760	10,159	6,133	3,546	2,090	71,294
Otter Tail	F	3,151	3,376	2,559	2,554	3,561	4,591	3,844	2,585	2,309	28,530
	M	3,342	3,675	2,822	2,777	3,607	4,764	3,910	2,428	1,397	28,722
Pennington	F	923	847	937	849	814	1,024	773	456	518	7,141
	M	935	927	949	883	880	1,016	700	395	246	6,931
Pine	F	1,655	1,697	1,390	1,449	1,926	2,147	1,717	1,116	664	13,761
	M	1,769	1,878	1,921	2,149	2,422	2,433	1,677	1,096	498	15,843
Pipestone	F	642	629	454	472	613	667	495	406	501	4,879
	M	666	648	495	463	615	710	464	318	243	4,622
Polk	F	2,005	2,071	1,891	1,613	1,953	2,267	1,584	1,124	1,182	15,690
	M	2,049	2,215	2,226	1,693	2,028	2,416	1,648	922	569	15,766
Pope	F	579	588	510	547	630	868	699	511	460	5,392
	M	670	646	587	584	657	888	756	415	299	5,502
Ramsey	F	33,492	33,215	45,138	32,839	32,191	36,458	24,444	13,910	13,168	264,855
	M	35,050	34,545	42,656	33,105	31,752	33,288	21,952	10,469	7,024	249,841
Red Lake	F	290	253	181	239	247	307	236	160	130	2,043
	M	287	256	207	242	252	357	233	152	76	2,062
Redwood	F	1,014	1,048	768	788	994	1,135	911	654	727	8,039
	M	1,127	1,117	818	796	1,028	1,154	896	589	408	7,933
Renville	F	881	1,001	686	753	991	1,209	810	633	661	7,625
	M	943	1,048	802	815	1,015	1,389	875	567	421	7,875
Rice	F	3,981	5,012	4,533	3,467	4,063	4,261	2,851	1,832	1,469	31,469
	M	4,108	5,018	5,298	4,110	4,683	4,445	2,789	1,585	904	32,940
Rock	F	666	645	453	539	569	691	494	369	438	4,864
	M	669	724	435	541	579	690	552	302	258	4,750
Roseau	F	1,052	1,124	641	839	1,132	1,171	758	478	409	7,604
	M	1,002	1,244	713	908	1,269	1,292	804	441	263	7,936
St. Louis	F	10,448	12,755	13,897	10,229	12,056	15,947	11,070	6,901	6,596	99,899
	M	10,915	13,081	15,740	11,121	12,402	16,073	11,553	5,780	3,691	100,356
Scott	F	10,889	9,863	6,930	10,378	11,542	8,204	4,794	2,258	1,629	66,487
	M	11,106	10,438	6,952	9,814	11,617	8,675	4,477	2,072	918	66,069
Sherburne	F	6,809	6,653	5,264	6,277	6,993	5,509	3,269	1,597	1,279	43,650
	M	7,122	7,046	6,007	6,695	7,502	5,794	3,277	1,519	707	45,669
Sibley	F	1,006	1,011	746	865	1,052	1,060	733	579	516	7,568
	M	1,087	1,065	758	926	1,052	1,194	774	464	281	7,601

Demographics Table 1: County Estimates by Age and Sex, 2011

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+	
State of Minnesota	F	346,511	351,803	357,404	332,703	369,785	385,798	260,436	152,164	133,354	2,689,958
	M	361,550	368,470	369,159	342,361	372,962	384,149	249,279	129,166	77,807	2,654,903
Stearns	F	9,388	11,396	12,847	8,398	9,363	9,657	6,448	4,161	3,318	74,976
	M	9,681	11,511	14,168	8,971	9,728	9,938	6,403	3,701	2,266	76,367
Steele	F	2,654	2,486	2,005	2,151	2,544	2,544	1,745	1,175	1,147	18,451
	M	2,622	2,634	2,084	2,172	2,639	2,641	1,703	961	627	18,083
Stevens	F	536	831	933	426	466	580	425	319	407	4,923
	M	559	758	948	484	478	606	424	273	232	4,762
Swift	F	567	566	426	492	584	704	552	416	454	4,761
	M	586	648	520	536	645	773	571	333	267	4,879
Todd	F	1,555	1,647	1,234	1,176	1,590	1,820	1,426	967	668	12,083
	M	1,745	1,814	1,293	1,346	1,587	2,075	1,483	893	517	12,753
Traverse	F	172	229	123	163	215	272	181	204	214	1,773
	M	178	245	166	162	205	292	194	165	143	1,750
Wabasha	F	1,344	1,325	1,036	1,157	1,536	1,628	1,336	776	672	10,810
	M	1,347	1,404	1,073	1,210	1,511	1,735	1,289	764	457	10,790
Wadena	F	901	869	632	700	794	988	796	629	665	6,974
	M	878	929	705	712	835	993	810	540	373	6,775
Waseca	F	1,212	1,186	1,288	1,454	1,405	1,475	932	605	643	10,200
	M	1,259	1,264	998	1,124	1,208	1,369	977	478	396	9,073
Washington	F	16,059	17,593	12,716	15,032	20,005	18,822	11,651	5,837	4,134	121,849
	M	16,675	18,433	13,537	14,789	18,883	18,334	11,253	5,008	2,519	119,431
Watonwan	F	721	793	540	586	676	805	558	429	484	5,592
	M	759	778	624	621	670	875	578	419	285	5,609
Wilkin	F	358	471	281	334	464	489	366	266	217	3,246
	M	409	495	329	352	468	559	321	249	164	3,346
Winona	F	2,515	4,163	5,489	2,376	2,824	3,388	2,407	1,484	1,454	26,100
	M	2,646	3,901	5,310	2,613	2,847	3,462	2,405	1,335	759	25,278
Wright	F	10,428	9,188	6,644	9,263	9,855	7,641	5,129	2,696	1,971	62,815
	M	10,981	9,615	6,870	9,335	10,169	8,061	4,864	2,537	1,190	63,622
Yellow Medicine	F	598	654	492	487	648	753	520	422	468	5,042
	M	660	740	631	527	632	867	547	374	287	5,265
CHB - Aitkin, Itasca, Koochiching	F	3,820	4,314	3,158	3,513	4,613	6,245	5,368	3,390	2,482	36,903
	M	4,157	4,684	3,467	3,630	4,629	6,402	5,524	3,310	1,761	37,564
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	F	5,139	5,130	4,991	4,014	4,611	5,744	4,494	2,815	2,087	39,025
	M	5,461	5,410	5,492	4,126	4,514	5,673	4,565	2,718	1,364	39,323
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	F	2,574	2,749	2,019	2,140	2,735	3,423	2,535	1,952	2,209	22,336
	M	2,725	3,005	2,332	2,273	2,764	3,708	2,566	1,689	1,299	22,361
CHB - Brown, Nicollet	F	3,435	4,061	4,222	3,131	3,531	4,237	2,928	1,913	1,936	29,394
	M	3,739	4,105	4,464	3,312	3,662	4,210	2,939	1,620	1,109	29,160
CHB - Carlton, Cook, Lake, St. Louis	F	13,414	15,710	16,328	12,948	15,414	19,998	14,056	8,840	8,189	124,897
	M	13,988	16,339	18,713	14,303	16,082	20,440	14,724	7,588	4,678	126,855

Demographics Table 1: County Estimates by Age and Sex, 2011

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+	
State of Minnesota	F	346,511	351,803	357,404	332,703	369,785	385,798	260,436	152,164	133,354	2,689,958
	M	361,550	368,470	369,159	342,361	372,962	384,149	249,279	129,166	77,807	2,654,903
CHB - Cottonwood, Jackson	F	1,305	1,371	978	1,092	1,328	1,668	1,199	982	1,008	10,931
	M	1,392	1,483	1,137	1,147	1,357	1,771	1,241	799	630	10,957
CHB - Clay, Wilkin	F	4,160	5,193	6,025	3,834	3,847	4,192	2,708	1,845	1,694	33,498
	M	4,414	5,084	6,074	4,018	3,826	4,253	2,621	1,574	1,033	32,897
CHB - Douglas, Grant, Pope, Stevens, Traverse	F	3,748	4,023	3,829	3,312	3,857	4,877	3,966	2,855	2,685	33,152
	M	4,002	4,163	4,284	3,569	3,937	4,939	3,987	2,519	1,711	33,111
CHB - Dodge, Steele	F	4,201	4,047	2,998	3,437	4,018	3,918	2,602	1,756	1,597	28,574
	M	4,145	4,238	3,149	3,534	4,121	4,085	2,554	1,455	922	28,203
CHB - Fillmore, Houston	F	2,374	2,527	1,816	2,083	2,597	3,179	2,230	1,588	1,592	19,986
	M	2,613	2,618	2,019	2,125	2,560	3,256	2,332	1,374	909	19,806
CHB - Faribault, Martin	F	2,009	2,138	1,587	1,745	2,119	2,766	2,096	1,593	1,768	17,821
	M	2,065	2,302	1,758	1,806	2,078	2,989	2,100	1,301	977	17,376
CHB - Isanti, Mille Lacs	F	4,290	4,342	3,718	3,779	4,611	4,421	3,218	1,981	1,636	31,996
	M	4,571	4,590	3,731	3,994	4,745	4,793	3,077	1,866	899	32,266
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	F	3,098	3,097	2,321	2,602	3,071	3,594	2,555	1,712	1,669	23,719
	M	2,996	3,406	2,521	2,743	3,365	3,875	2,612	1,537	939	23,994
CHB - Kanabec, Pine	F	2,644	2,714	2,154	2,368	2,997	3,405	2,702	1,701	1,061	21,746
	M	2,773	3,012	2,761	3,066	3,536	3,801	2,658	1,670	750	24,027
CHB - Kandiyohi, Renville	F	3,642	3,597	3,214	3,007	3,536	4,492	3,053	2,107	2,100	28,748
	M	3,798	3,932	3,688	3,156	3,563	4,605	3,072	1,822	1,289	28,925
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	F	4,910	4,995	4,375	3,928	4,472	5,393	3,840	2,881	3,251	38,045
	M	5,168	5,225	4,542	4,110	4,658	5,450	3,987	2,435	1,808	37,383
CHB - LeSueur, Waseca	F	3,023	3,116	2,667	3,055	3,400	3,438	2,408	1,474	1,307	23,888
	M	3,175	3,143	2,497	2,840	3,317	3,552	2,408	1,281	828	23,041
CHB - Meeker, McLeod, Sibley	F	4,994	4,852	3,793	4,256	5,121	5,320	3,898	2,613	2,472	37,319
	M	5,296	5,248	4,062	4,497	5,242	5,598	3,900	2,317	1,387	37,547
CHB - Mahnomen, Norman, Polk	F	2,850	2,917	2,438	2,265	2,658	3,142	2,293	1,611	1,654	21,828
	M	3,007	3,121	2,777	2,335	2,772	3,368	2,331	1,396	846	21,953
CHB - Morrison, Todd, Wadena	F	4,611	4,641	3,601	3,645	4,561	5,304	3,980	2,773	2,375	35,491
	M	4,891	5,022	3,933	3,963	4,747	5,712	4,058	2,485	1,512	36,323

Demographics Table 2: Minnesota Population Estimates by Race Alone and Hispanicity By State and County, 2011

	One Race						Ethnicity
	Total	White	Black/ African American	Amer. Indian/ Alaskan Native	Asian/ Pacific Islander	Two or More Races	Hispanic/ Latino (any race)
State of Minnesota	5,344,861	4,645,546	286,301	68,412	228,506	116,096	259,297
Aitkin	16,220	15,510	67	395	35	213	183
Anoka	333,140	294,222	15,000	2,533	13,538	7,847	12,500
Becker	32,778	28,974	172	2,484	157	991	470
Beltrami	45,264	34,128	331	9,004	374	1,427	828
Benton	38,671	36,611	805	199	443	613	689
Big Stone	5,238	5,148	14	25	6	45	48
Blue Earth	64,384	59,911	1,832	219	1,481	941	1,658
Brown	25,734	25,280	85	34	175	160	859
Carlton	35,455	31,872	524	2,054	201	804	519
Carver	92,638	87,036	1,324	284	2,666	1,328	3,706
Cass	28,390	24,446	87	3,125	100	632	392
Chippewa	12,319	11,813	71	128	167	140	654
Chisago	53,916	51,750	661	355	503	647	902
Clay	59,803	55,908	917	853	940	1,185	2,158
Clearwater	8,774	7,660	40	791	25	258	130
Cook	5,218	4,598	28	444	34	114	62
Cottonwood	11,686	11,054	102	30	351	149	768
Crow Wing	62,763	60,661	356	556	295	895	710
Dakota	402,006	351,525	19,747	2,119	18,732	9,883	24,603
Dodge	20,243	19,727	96	73	110	237	961
Douglas	36,172	35,345	172	125	190	340	374
Faribault	14,508	14,210	61	76	52	109	817
Fillmore	20,876	20,551	55	36	79	155	212
Freeborn	31,172	30,084	301	100	345	342	2,700
Goodhue	46,217	44,157	493	592	336	639	1,432
Grant	5,989	5,864	26	11	24	64	105
Hennepin	1,168,431	902,693	140,704	13,851	76,354	34,829	80,475
Houston	18,916	18,448	116	33	97	222	151
Hubbard	20,303	19,203	68	589	71	372	347
Isanti	38,283	36,825	306	195	351	606	646
Itasca	45,034	42,177	164	1,599	181	913	475
Jackson	10,202	9,856	49	41	147	109	311
Kanabec	16,169	15,691	60	98	69	251	246
Kandiyohi	42,173	40,194	1,100	184	256	439	4,716
Kittson	4,515	4,453	11	13	18	20	82
Koochiching	13,213	12,499	102	321	61	230	164
Lac Qui Parle	7,193	7,049	26	23	42	53	122
Lake	10,824	10,572	26	55	37	134	80
Lake of the Woods	4,007	3,848	16	29	34	80	47
Le Sueur	27,656	26,985	133	93	185	260	1,506
Lincoln	5,820	5,733	8	14	19	46	98
Lyon	25,891	23,980	641	158	736	376	1,549
McLeod	36,432	35,465	218	113	300	336	1,870

Demographics Table 2: Minnesota Population Estimates by Race Alone and Hispanicity By State and County, 2011

	One Race						Ethnicity
	Total	White	Black/ African American	Amer. Indian/ Alaskan Native	Asian/ Pacific Islander	Two or More Races	Hispanic/ Latino (any race)
State of Minnesota	5,344,861	4,645,546	286,301	68,412	228,506	116,096	259,297
Mahnomen	5,456	2,762	20	2,181	10	483	131
Marshall	9,481	9,274	34	65	32	76	338
Martin	20,689	20,242	85	75	139	148	766
Meeker	23,265	22,874	100	56	87	148	775
Mille Lacs	25,979	23,740	114	1,547	115	463	403
Morrison	33,229	32,489	151	89	130	370	426
Mower	39,349	36,833	1,016	163	816	521	4,347
Murray	8,630	8,417	29	19	85	80	246
Nicollet	32,820	31,023	743	148	488	418	1,249
Nobles	21,397	18,773	813	216	1,290	305	4,977
Norman	6,869	6,549	17	121	33	149	294
Olmsted	145,769	126,812	7,352	495	8,262	2,848	6,321
Otter Tail	57,252	55,431	541	329	333	618	1,574
Pennington	14,072	13,240	228	237	109	258	417
Pine	29,604	27,321	655	933	149	546	727
Pipestone	9,501	9,020	101	124	81	175	375
Polk	31,456	29,830	296	500	251	579	1,745
Pope	10,894	10,688	43	27	43	93	108
Ramsey	514,696	373,619	57,501	5,106	62,139	16,331	37,234
Red Lake	4,105	3,949	12	68	12	64	104
Redwood	15,972	14,260	95	806	514	297	346
Renville	15,500	15,090	49	124	71	166	1,060
Rice	64,409	59,470	2,209	386	1,406	938	5,136
Rock	9,614	9,311	72	44	62	125	220
Roseau	15,540	14,674	45	207	391	223	127
St. Louis	200,255	186,242	2,918	4,604	2,052	4,439	2,612
Scott	132,556	116,999	3,724	1,278	7,901	2,654	6,052
Sherburne	89,319	84,408	1,777	471	1,212	1,451	1,986
Sibley	15,169	14,783	69	38	93	186	1,151
Stearns	151,343	140,319	4,897	618	3,319	2,190	4,454
Steele	36,534	34,635	1,025	116	327	431	2,376
Stevens	9,685	9,044	151	129	166	195	385
Swift	9,640	9,405	66	51	26	92	392
Todd	24,836	24,116	114	110	185	311	1,340
Traverse	3,523	3,317	18	142	6	40	55
Wabasha	21,600	21,122	100	51	103	224	575
Wadena	13,749	13,296	123	77	40	213	178
Waseca	19,273	18,274	436	175	155	233	1,022
Washington	241,280	213,548	9,171	1,245	12,504	4,812	8,411
Watonwan	11,201	10,786	101	113	106	95	2,363
Wilkin	6,592	6,400	16	76	24	76	152
Winona	51,378	48,689	680	183	1,245	581	1,311
Wright	126,437	120,997	1,452	482	1,626	1,880	3,282
Yellow Medicine	10,307	9,759	27	333	51	137	429

Demographics Table 2: Minnesota Population Estimates by Race Alone and Hispanicity By State and County, 2011

	One Race						Ethnicity
	Total	White	Black/ African American	Amer. Indian/ Alaskan Native	Asian/ Pacific Islander	Two or More Races	Hispanic/ Latino (any race)
State of Minnesota	5,344,861	4,645,546	286,301	68,412	228,506	116,096	259,297
CHB - Aitkin, Itasca, Koochiching	74,467	70,186	333	2,315	277	1,356	822
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	78,348	64,839	455	10,413	504	2,137	1,352
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Knife	44,697	43,174	204	560	292	467	1,645
CHB - Brown, Nicollet	58,554	56,303	828	182	663	578	2,108
CHB - Carlton, Cook, Lake, St. Louis	251,752	233,284	3,496	7,157	2,324	5,491	3,273
CHB - Cottonwood, Jackson	21,888	20,910	151	71	498	258	1,079
CHB - Clay, Wilkin	66,395	62,308	933	929	964	1,261	2,310
CHB - Douglas, Grant, Pope, Stevens, Traverse	66,263	64,258	410	434	429	732	1,027
CHB - Dodge, Steele	56,777	54,362	1,121	189	437	668	3,337
CHB - Fillmore, Houston	39,792	38,999	171	69	176	377	363
CHB - Faribault, Martin	35,197	34,452	146	151	191	257	1,583
CHB - Isanti, Mille Lacs	64,262	60,565	420	1,742	466	1,069	1,049
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	47,713	45,590	330	590	562	641	1,068
CHB - Kanabec, Pine	45,773	43,012	715	1,031	218	797	973
CHB - Kandiyohi, Renville	57,673	55,284	1,149	308	327	605	5,776
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	75,428	70,721	946	1,165	1,497	1,099	2,834
CHB - LeSueur, Waseca	46,929	45,259	569	268	340	493	2,528
CHB - Meeker, McLeod, Sibley	74,866	73,122	387	207	480	670	3,796
CHB - Mahnomon, Norman, Polk	43,781	39,141	333	2,802	294	1,211	2,170
CHB - Morrison, Todd, Wadena	71,814	69,901	388	276	355	894	1,944

Source: US Census, www.census.gov

**Demographics Table 3: Selected Minnesota Population Statistics
By State and County, 2011**

	Children Under 5		0-19 Years		Females Ages 15-44
	Number	Percent	Number	Percent	
State of Minnesota	352,260	6.6	1,428,334	26.7	1,044,201
Aitkin	748	4.6	3,137	19.3	1,963
Anoka	21,902	6.6	93,075	27.9	65,336
Becker	2,129	6.5	8,659	26.4	5,166
Beltrami	3,431	7.6	13,168	29.1	8,918
Benton	2,762	7.1	10,381	26.8	8,034
Big Stone	303	5.8	1,216	23.2	707
Blue Earth	3,759	5.8	16,485	25.6	15,527
Brown	1,510	5.9	6,372	24.8	4,240
Carlton	2,141	6.0	9,026	25.5	5,793
Carver	6,564	7.1	29,656	32.0	18,048
Cass	1,676	5.9	6,631	23.4	4,024
Chippewa	797	6.5	3,163	25.7	2,009
Chisago	3,153	5.8	14,793	27.4	9,600
Clay	4,012	6.7	17,118	28.6	13,799
Clearwater	594	6.8	2,345	26.7	1,363
Cook	217	4.2	975	18.7	761
Cottonwood	701	6.0	3,041	26.0	1,806
Crow Wing	3,990	6.4	15,571	24.8	10,235
Dakota	27,483	6.8	113,500	28.2	79,923
Dodge	1,418	7.0	6,235	30.8	3,705
Douglas	2,090	5.8	8,537	23.6	5,878
Faribault	843	5.8	3,529	24.3	2,171
Fillmore	1,384	6.6	5,417	25.9	3,314
Freeborn	1,862	6.0	7,497	24.1	4,856
Goodhue	2,860	6.2	11,841	25.6	7,646
Grant	367	6.1	1,408	23.5	906
Hennepin	77,486	6.6	292,736	25.1	249,110
Houston	1,062	5.6	4,715	24.9	3,025
Hubbard	1,208	5.9	4,749	23.4	2,921
Isanti	2,607	6.8	10,664	27.9	7,167
Itasca	2,429	5.4	10,767	23.9	6,889
Jackson	589	5.8	2,510	24.6	1,576
Kanabec	937	5.8	4,144	25.6	2,662
Kandiyohi	2,814	6.7	11,096	26.3	7,286
Kittson	228	5.0	1,060	23.5	604
Koochiching	621	4.7	3,071	23.2	1,994
Lac Qui Parle	378	5.3	1,655	23.0	942
Lake	579	5.3	2,251	20.8	1,565
Lake of the Woods	192	4.8	878	21.9	542
Le Sueur	1,774	6.4	7,536	27.2	4,846
Lincoln	352	6.0	1,409	24.2	821
Lyon	1,909	7.4	7,231	27.9	5,209
McLeod	2,370	6.5	9,884	27.1	6,487

**Demographics Table 3: Selected Minnesota Population Statistics
By State and County, 2011**

	Children Under 5		0-19 Years		Females Ages 15-44
	Number	Percent	Number	Percent	
State of Minnesota	352,260	6.6	1,428,334	26.7	1,044,201
Mahnomen	504	9.2	1,761	32.3	888
Marshall	560	5.9	2,397	25.3	1,427
Martin	1,197	5.8	4,985	24.1	3,139
Meeker	1,555	6.7	6,337	27.2	3,670
Mille Lacs	1,798	6.9	7,129	27.4	4,500
Morrison	2,221	6.7	8,827	26.6	5,559
Mower	2,931	7.4	10,960	27.9	6,725
Murray	508	5.9	2,063	23.9	1,248
Nicollet	2,076	6.3	8,968	27.3	7,067
Nobles	1,755	8.2	6,104	28.5	3,630
Norman	376	5.5	1,794	26.1	1,018
Olmsted	10,667	7.3	39,629	27.2	28,794
Otter Tail	3,270	5.7	13,544	23.7	8,381
Pennington	957	6.8	3,632	25.8	2,553
Pine	1,674	5.7	6,999	23.6	4,503
Pipestone	643	6.8	2,585	27.2	1,512
Polk	1,995	6.3	8,340	26.5	5,506
Pope	629	5.8	2,483	22.8	1,644
Ramsey	35,911	7.0	136,302	26.5	111,428
Red Lake	295	7.2	1,086	26.5	646
Redwood	1,028	6.4	4,306	27.0	2,514
Renville	904	5.8	3,873	25.0	2,332
Rice	3,929	6.1	18,119	28.1	12,943
Rock	631	6.6	2,704	28.1	1,538
Roseau	968	6.2	4,422	28.5	2,558
St. Louis	10,683	5.3	47,199	23.6	37,096
Scott	10,369	7.8	42,296	31.9	27,548
Sherburne	6,548	7.3	27,630	30.9	18,126
Sibley	993	6.5	4,169	27.5	2,548
Stearns	9,587	6.3	41,976	27.7	32,330
Steele	2,633	7.2	10,396	28.5	6,549
Stevens	559	5.8	2,684	27.7	2,154
Swift	566	5.9	2,367	24.6	1,488
Todd	1,666	6.7	6,761	27.2	3,892
Traverse	165	4.7	824	23.4	495
Wabasha	1,279	5.9	5,420	25.1	3,566
Wadena	869	6.3	3,577	26.0	2,112
Waseca	1,204	6.2	4,921	25.5	3,932
Washington	15,079	6.2	68,760	28.5	45,701
Watsonwan	777	6.9	3,051	27.2	1,848
Wilkin	374	5.7	1,733	26.3	1,078
Winona	2,544	5.0	13,225	25.7	12,073
Wright	10,521	8.3	40,212	31.8	24,992
Yellow Medicine	631	6.1	2,652	25.7	1,576

**Demographics Table 3: Selected Minnesota Population Statistics
By State and County, 2011**

	Children Under 5		0-19 Years		Females Ages 15-44
	Number	Percent	Number	Percent	
State of Minnesota	352,260	6.6	1,428,334	26.7	1,044,201
CHB - Aitkin, Itasca, Koochiching	3,798	5.1	16,975	22.8	10,846
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	5,425	6.9	21,140	27.0	13,744
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	2,675	6.0	11,053	24.7	6,722
CHB - Brown, Nicollet	3,586	6.1	15,340	26.2	11,307
CHB - Carlton, Cook, Lake, St. Louis	13,620	5.4	59,451	23.6	45,215
CHB - Cottonwood, Jackson	1,290	5.9	5,551	25.4	3,382
CHB - Clay, Wilkin	4,386	6.6	18,851	28.4	14,877
CHB - Douglas, Grant, Pope, Stevens, Traverse	3,810	5.7	15,936	24.0	11,077
CHB - Dodge, Steele	4,051	7.1	16,631	29.3	10,254
CHB - Fillmore, Houston	2,446	6.1	10,132	25.5	6,339
CHB - Faribault, Martin	2,040	5.8	8,514	24.2	5,310
CHB - Isanti, Mille Lacs	4,405	6.9	17,793	27.7	11,667
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	3,008	6.3	12,597	26.4	7,788
CHB - Kanabec, Pine	2,611	5.7	11,143	24.3	7,165
CHB - Kandiyohi, Renville	3,718	6.4	14,969	26.0	9,618
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	5,071	6.7	20,298	26.9	12,842
CHB - LeSueur, Waseca	2,978	6.3	12,457	26.5	8,778
CHB - Meeker, McLeod, Sibley	4,918	6.6	20,390	27.2	12,705
CHB - Mahnomon, Norman, Polk	2,875	6.6	11,895	27.2	7,412
CHB - Morrison, Todd, Wadena	4,756	6.6	19,165	26.7	11,563

Source: US Census, www.census.gov

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

[MDH Climate Change](#)

**Demographics Table 4: Selected Minnesota Elderly Population Statistics
By State and County, 2011**

	Population 65+ years	
	Number	Percent
State of Minnesota	701,768	13.1
Aitkin	4,498	27.7
Anoka	33,902	10.2
Becker	5,787	17.7
Beltrami	5,992	13.2
Benton	4,583	11.9
Big Stone	1,323	25.3
Blue Earth	7,714	12.0
Brown	4,947	19.2
Carlton	5,328	15.0
Carver	8,040	8.7
Cass	6,198	21.8
Chippewa	2,377	19.3
Chisago	6,675	12.4
Clay	7,125	11.9
Clearwater	1,656	18.9
Cook	1,119	21.4
Cottonwood	2,495	21.4
Crow Wing	11,907	19.0
Dakota	41,956	10.4
Dodge	2,576	12.7
Douglas	7,236	20.0
Faribault	3,152	21.7
Fillmore	4,080	19.5
Freeborn	6,319	20.3
Goodhue	7,819	16.9
Grant	1,311	21.9
Hennepin	134,659	11.5
Houston	3,387	17.9
Hubbard	4,350	21.4
Isanti	4,946	12.9
Itasca	8,649	19.2
Jackson	2,019	19.8
Kanabec	2,702	16.7
Kandiyohi	6,968	16.5
Kittson	1,015	22.5
Koochiching	2,570	19.5
Lac Qui Parle	1,686	23.4
Lake	2,467	22.8
Lake of the Woods	810	20.2
Le Sueur	3,975	14.4
Lincoln	1,432	24.6
Lyon	3,557	13.7
McLeod	5,754	15.8

**Demographics Table 4: Selected Minnesota Elderly Population Statistics
By State and County, 2011**

	Population 65+ years	
	Number	Percent
State of Minnesota	701,768	13.1
Mahnomen	841	15.4
Marshall	1,827	19.3
Martin	4,321	20.9
Meeker	3,938	16.9
Mille Lacs	4,251	16.4
Morrison	5,430	16.3
Mower	6,697	17.0
Murray	1,952	22.6
Nicollet	4,012	12.2
Nobles	3,388	15.8
Norman	1,477	21.5
Olmsted	18,875	12.9
Otter Tail	12,224	21.4
Pennington	2,256	16.0
Pine	4,934	16.7
Pipestone	1,893	19.9
Polk	5,162	16.4
Pope	2,337	21.5
Ramsey	62,743	12.2
Red Lake	722	17.6
Redwood	3,149	19.7
Renville	3,031	19.6
Rice	8,165	12.7
Rock	1,806	18.8
Roseau	2,282	14.7
St. Louis	32,047	16.0
Scott	10,656	8.0
Sherburne	7,706	8.6
Sibley	2,474	16.3
Stearns	18,784	12.4
Steele	5,335	14.6
Stevens	1,574	16.3
Swift	1,936	20.1
Todd	4,354	17.5
Traverse	911	25.9
Wabasha	3,790	17.5
Wadena	2,956	21.5
Waseca	2,893	15.0
Washington	26,577	11.0
Watonwan	2,117	18.9
Wilkin	1,198	18.2
Winona	7,033	13.7
Wright	12,620	10.0
Yellow Medicine	2,033	19.7

**Demographics Table 4: Selected Minnesota Elderly Population Statistics
By State and County, 2011**

	Population 65+ years	
	Number	Percent
State of Minnesota	701,768	13.1
CHB - Aitkin, Itasca, Koochiching	15,717	21.1
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	12,808	16.3
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	9,355	20.9
CHB - Brown, Nicollet	8,959	15.3
CHB - Carlton, Cook, Lake, St. Louis	40,961	16.3
CHB - Cottonwood, Jackson	4,514	20.6
CHB - Clay, Wilkin	8,323	12.5
CHB - Douglas, Grant, Pope, Stevens, Traverse	13,369	20.2
CHB - Dodge, Steele	7,911	13.9
CHB - Fillmore, Houston	7,467	18.8
CHB - Faribault, Martin	7,473	21.2
CHB - Isanti, Mille Lacs	9,197	14.3
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	8,102	17.0
CHB - Kanabec, Pine	7,636	16.7
CHB - Kandiyohi, Renville	9,999	17.3
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	13,789	18.3
CHB - LeSueur, Waseca	6,868	14.6
CHB - Meeker, McLeod, Sibley	12,166	16.3
CHB - Mahnommen, Norman, Polk	7,480	17.1
CHB - Morrison, Todd, Wadena	12,740	17.7

Source: US Census, www.census.gov

For data by county subdivision go to:

[MDH Climate Change](#)

**Demographics Table 5: Selected Minnesota Demographics
By State and County, 2011**

	Population	Land Area in Square Miles	Population per Square Mile
State of Minnesota	5,344,861	79,617	67.1
Aitkin	16,220	1,819	8.9
Anoka	333,140	424	785.7
Becker	32,778	1,311	25.0
Beltrami	45,264	2,505	18.1
Benton	38,671	408	94.8
Big Stone	5,238	497	10.5
Blue Earth	64,384	752	85.6
Brown	25,734	611	42.1
Carlton	35,455	860	41.2
Carver	92,638	357	259.5
Cass	28,390	2,018	14.1
Chippewa	12,319	583	21.1
Chisago	53,916	418	129.0
Clay	59,803	1,045	57.2
Clearwater	8,774	995	8.8
Cook	5,218	1,451	3.6
Cottonwood	11,686	640	18.3
Crow Wing	62,763	997	63.0
Dakota	402,006	570	705.3
Dodge	20,243	440	46.0
Douglas	36,172	634	57.1
Faribault	14,508	714	20.3
Fillmore	20,876	861	24.2
Freeborn	31,172	708	44.0
Goodhue	46,217	759	60.9
Grant	5,989	547	10.9
Hennepin	1,168,431	557	2,097.7
Houston	18,916	558	33.9
Hubbard	20,303	923	22.0
Isanti	38,283	439	87.2
Itasca	45,034	2,665	16.9
Jackson	10,202	702	14.5
Kanabec	16,169	525	30.8
Kandiyohi	42,173	796	53.0
Kittson	4,515	1,097	4.1
Koochiching	13,213	3,102	4.3
Lac Qui Parle	7,193	765	9.4
Lake	10,824	2,099	5.2
Lake of the Woods	4,007	1,297	3.1
Le Sueur	27,656	449	61.6
Lincoln	5,820	537	10.8
Lyon	25,891	714	36.3
McLeod	36,432	492	74.0

**Demographics Table 5: Selected Minnesota Demographics
By State and County, 2011**

	Population	Land Area in Square Miles	Population per Square Mile
State of Minnesota	5,344,861	79,617	67.1
Mahnomen	5,456	556	9.8
Marshall	9,481	1,772	5.4
Martin	20,689	709	29.2
Meeker	23,265	609	38.2
Mille Lacs	25,979	575	45.2
Morrison	33,229	1,125	29.5
Mower	39,349	712	55.3
Murray	8,630	705	12.2
Nicollet	32,820	452	72.6
Nobles	21,397	716	29.9
Norman	6,869	876	7.8
Olmsted	145,769	653	223.2
Otter Tail	57,252	1,980	28.9
Pennington	14,072	617	22.8
Pine	29,604	1,411	21.0
Pipestone	9,501	466	20.4
Polk	31,456	1,971	16.0
Pope	10,894	670	16.3
Ramsey	514,696	156	3,299.3
Red Lake	4,105	432	9.5
Redwood	15,972	880	18.2
Renville	15,500	983	15.8
Rice	64,409	498	129.3
Rock	9,614	483	19.9
Roseau	15,540	1,663	9.3
St. Louis	200,255	6,226	32.2
Scott	132,556	357	371.3
Sherburne	89,319	437	204.4
Sibley	15,169	589	25.8
Stearns	151,343	1,345	112.5
Steele	36,534	430	85.0
Stevens	9,685	562	17.2
Swift	9,640	744	13.0
Todd	24,836	942	26.4
Traverse	3,523	574	6.1
Wabasha	21,600	525	41.1
Wadena	13,749	536	25.7
Waseca	19,273	423	45.6
Washington	241,280	392	615.5
Watonwan	11,201	435	25.7
Wilkin	6,592	752	8.8
Winona	51,378	626	82.1
Wright	126,437	661	191.3
Yellow Medicine	10,307	758	13.6

**Demographics Table 5: Selected Minnesota Demographics
By State and County, 2011**

	Population	Land Area in Square Miles	Population per Square Mile
State of Minnesota	5,344,861	79,617	67.1
CHB - Aitkin, Itasca, Koochiching	74,467	7,586	9.8
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	78,348	5,720	13.7
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	44,697	3,347	13.4
CHB - Brown, Nicollet	58,554	1,063	55.1
CHB - Carlton, Cook, Lake, St. Louis	251,752	10,636	23.7
CHB - Cottonwood, Jackson	21,888	1,342	16.3
CHB - Clay, Wilkin	66,395	1,797	36.9
CHB - Douglas, Grant, Pope, Stevens, Traverse	66,263	2,987	22.2
CHB - Dodge, Steele	56,777	870	65.3
CHB - Fillmore, Houston	39,792	1,419	28.0
CHB - Faribault, Martin	35,197	1,423	24.7
CHB - Isanti, Mille Lacs	64,262	1,014	63.4
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	47,713	5,581	8.5
CHB - Kanabec, Pine	45,773	1,936	23.6
CHB - Kandiyohi, Renville	57,673	2,905	19.9
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	75,428	872	86.5
CHB - LeSueur, Waseca	46,929	1,690	27.8
CHB - Meeker, McLeod, Sibley	74,866	1,432	52.3
CHB - Mahnomen, Norman, Polk	43,781	2,603	16.8
CHB - Morrison, Todd, Wadena	71,814	1,863	38.5

Source: US Census, www.census.gov

Sources: Population - U.S. Census Bureau 2010, www.census.gov; Number of Households - Minnesota State
Number of Households: The number of occupied houses, apartments, or other separate living quarters, in

**Demographics Table 6: Selected Minnesota Socioeconomic Statistics by State & County
2007-2011 American Community Survey (Census)**

	Percent of population aged 25 years and older with less than or equal to high school education or equivalent (e.g. GED)	Percent of people of all ages living at or below 200% of poverty	Percent of housing occupied by owner	Percent of children under 18 living in single parent headed households
State of Minnesota	35.9	26.1	77.3	24.9
Aitkin	51.3	36.7	84.6	25.9
Anoka	37.5	19.3	84.1	22.1
Becker	43.2	33.0	82.3	28.0
Beltrami	37.6	41.3	72.2	35.8
Benton	44.7	30.8	77.4	27.6
Big Stone	52.2	35.8	82.3	23.0
Blue Earth	35.3	37.1	69.0	23.4
Brown	50.2	26.8	82.5	26.4
Carlton	41.8	29.0	83.7	27.5
Carver	27.0	13.8	87.0	14.8
Cass	45.9	39.0	82.6	30.4
Chippewa	49.4	29.6	77.8	32.0
Chisago	43.1	21.5	88.3	21.6
Clay	36.1	29.4	75.2	25.8
Clearwater	52.2	41.6	79.9	28.1
Cook	33.6	29.5	77.3	37.1
Cottonwood	51.6	31.7	84.5	26.3
Crow Wing	40.0	32.7	79.8	25.8
Dakota	28.5	16.8	81.4	21.3
Dodge	42.1	16.9	88.4	22.5
Douglas	39.8	28.3	81.5	18.3
Faribault	50.0	35.9	82.7	26.9
Fillmore	49.9	32.5	83.1	22.0
Freeborn	51.4	31.7	80.8	32.5
Goodhue	42.1	23.7	82.1	25.7
Grant	45.3	34.7	81.8	35.1
Hennepin	27.0	26.1	68.9	28.9
Houston	45.5	26.5	84.6	22.6
Hubbard	42.0	32.9	84.6	26.1
Isanti	47.9	23.5	85.8	18.6
Itasca	41.3	32.1	84.7	22.0
Jackson	45.8	30.3	78.9	18.8
Kanabec	54.1	35.2	85.3	21.8
Kandiyohi	42.7	32.1	78.6	30.6
Kittson	46.1	27.1	85.9	20.2
Koochiching	48.7	34.7	81.6	25.4
Lac Qui Parle	50.1	30.1	85.7	19.5
Lake	44.0	28.8	84.8	24.0
Lake of the Woods	47.3	39.5	87.6	31.3
Le Sueur	46.0	25.0	84.6	25.2
Lincoln	51.5	27.4	88.2	18.5
Lyon	43.5	31.1	72.9	25.0
McLeod	46.3	23.0	81.9	20.5

Minnesota County Health Tables

**Demographics Table 6: Selected Minnesota Socioeconomic Statistics by State & County
2007-2011 American Community Survey (Census)**

	Percent of population aged 25 years and older with less than or equal to high school education or equivalent (e.g. GED)	Percent of people of all ages living at or below 200% of poverty	Percent of housing occupied by owner	Percent of children under 18 living in single parent headed households
Mahnomen	54.1	50.2	74.0	48.1
Marshall	51.4	27.1	86.3	21.7
Martin	48.4	30.7	81.3	24.4
Meeker	49.3	27.5	84.2	23.6
Mille Lacs	50.9	34.8	79.5	28.5
Morrison	53.2	33.7	83.1	22.2
Mower	48.2	34.3	75.1	28.2
Murray	49.9	29.8	85.6	21.9
Nicollet	33.8	24.8	77.3	25.0
Nobles	54.5	40.8	71.7	35.3
Norman	51.3	32.9	84.2	21.3
Olmsted	28.6	21.5	80.6	22.2
Otter Tail	44.5	33.8	82.8	21.3
Pennington	46.8	31.1	81.7	26.4
Pine	55.6	36.3	82.5	32.8
Pipestone	48.6	35.0	77.6	21.0
Polk	43.5	31.3	77.2	25.8
Pope	46.9	25.4	82.4	18.5
Ramsey	33.7	32.9	64.6	33.6
Red Lake	52.9	32.0	86.9	24.4
Redwood	51.5	34.4	81.7	21.2
Renville	51.8	29.8	81.5	24.6
Rice	43.0	24.9	80.4	23.1
Rock	49.6	30.9	80.2	25.5
Roseau	51.7	30.2	84.6	24.1
St. Louis	37.7	33.9	75.6	33.5
Scott	30.4	13.4	87.5	16.0
Sherburne	36.2	21.5	85.4	15.1
Sibley	54.2	31.6	81.9	23.1
Stearns	41.2	29.6	76.6	21.2
Steele	44.4	25.1	80.6	26.1
Stevens	41.8	31.1	74.4	14.4
Swift	54.3	32.0	79.9	19.1
Todd	52.9	37.8	86.3	19.8
Traverse	49.5	30.1	82.5	12.6
Wabasha	48.1	24.6	87.7	19.4
Wadena	49.9	42.8	79.8	25.4
Waseca	45.7	25.3	82.8	23.5
Washington	27.8	14.7	85.8	19.6
Watonwan	55.6	27.6	79.3	33.7
Wilkin	41.5	27.6	88.1	21.9
Winona	41.8	34.0	75.8	20.3
Wright	39.3	18.2	88.5	17.7
Yellow Medicine	48.9	30.2	79.1	24.7

**Demographics Table 6: Selected Minnesota Socioeconomic Statistics by State & County
2007-2011 American Community Survey (Census)**

	Percent of population aged 25 years and older with less than or equal to high school education or equivalent (e.g. GED)	Percent of people of all ages living at or below 200% of poverty	Percent of housing occupied by owner	Percent of children under 18 living in single parent headed households
CHB - Aitkin, Itasca, Koochiching	44.9	33.6	84.1	23.4
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	41.2	39.0	77.3	32.4
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	50.8	31.0	80.4	24.6
CHB - Brown, Nicollet	41.5	25.7	79.7	25.7
CHB - Carlton, Cook, Lake, St. Louis	38.5	32.9	77.1	32.2
CHB - Cottonwood, Jackson	48.9	31.0	81.9	22.9
CHB - Clay, Wilkin	36.7	29.2	76.6	25.4
CHB - Douglas, Grant, Pope, Stevens, Traverse	42.4	28.9	80.8	19.0
CHB - Dodge, Steele	43.6	22.2	83.3	24.8
CHB - Fillmore, Houston	47.8	29.6	83.8	22.3
CHB - Faribault, Martin	49.1	32.8	81.9	25.4
CHB - Isanti, Mille Lacs	49.1	28.0	83.2	22.4
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	49.8	29.7	84.4	24.0
CHB - Kanabec, Pine	55.1	35.9	83.5	28.7
CHB - Kandiyohi, Renville	45.3	31.5	79.4	29.0
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	48.1	31.8	79.0	22.9
CHB - LeSueur, Waseca	45.9	25.1	83.9	24.6
CHB - Meeker, McLeod, Sibley	48.8	26.1	82.6	22.0
CHB - Mahnommen, Norman, Polk	46.0	33.9	77.9	28.1
CHB - Morrison, Todd, Wadena	52.5	36.9	83.6	22.0

Source: 2007-2011 American Community Survey (ACS), US Census 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, Minnesota Family Investment Program -Medical Assistance (MFIP-MA) and General Assistance Medical Care (GAMC) Average Monthly Enrollment
By State and County, 2011**

	MinnesotaCare				MFIP-MA		GAMC
	All Families and Children	MA Adults with No Kids	Children 0-19	Total	Children 0-19	Females 20-49	
State of Minnesota	87,498	56,810	45,344	144,308	100,062	33,030	4,607
Aitkin	522	412	454	935	262	99	8
Anoka	5,198	3,258	4,875	8,456	5,008	1,885	175
Becker	884	552	800	1,436	896	303	24
Beltrami	1,330	663	1,205	1,993	3,448	1,017	101
Benton	607	541	612	1,148	597	236	23
Big Stone	115	73	102	188	51	21	0
Blue Earth	757	657	804	1,414	878	322	32
Brown	271	203	262	474	222	116	10
Carlton	582	539	551	1,121	459	167	18
Carver	933	514	899	1,447	465	174	15
Cass	1,118	610	932	1,728	846	242	19
Chippewa	243	149	220	392	148	60	2
Chisago	1,165	685	1,076	1,850	358	158	15
Clay	713	489	700	1,202	1,009	368	26
Clearwater	290	177	274	467	210	74	6
Cook	146	86	133	232	35	12	3
Cottonwood	194	132	183	326	171	54	5
Crow Wing	2,114	1,227	1,911	3,341	894	352	19
Dakota	5,422	2,789	5,041	8,211	3,837	1,327	142
Dodge	270	168	242	438	204	67	4
Douglas	759	464	732	1,223	269	124	14
Faribault	244	176	219	420	211	70	6
Fillmore	487	228	399	715	149	42	5
Freeborn	484	401	496	885	432	132	13
Goodhue	565	417	534	982	462	201	12
Grant	233	119	208	352	86	27	2
Hennepin	14,181	11,275	14,343	25,456	28,322	8,395	2,416
Houston	275	176	249	451	221	83	6
Hubbard	741	447	656	1,188	370	108	7
Isanti	1,082	604	995	1,686	476	199	13
Itasca	1,134	860	1,026	1,994	742	268	22
Jackson	159	90	145	250	100	43	2
Kanabec	505	326	437	831	274	102	6
Kandiyohi	759	524	722	1,283	1,082	362	14
Kittson	191	58	170	249	46	9	1
Koochiching	318	272	314	590	136	64	5
Lac Qui Parle	122	88	107	210	56	26	1
Lake	305	176	280	481	62	25	3
Lake of the Woods	140	110	118	250	51	20	1
Le Sueur	398	183	356	580	280	96	9
Lincoln	116	58	90	174	24	11	1
Lyon	314	236	304	551	355	132	16
McLeod	677	359	627	1,036	298	132	9

**Demographics Table 7: MinnesotaCare, Minnesota Family Investment Program -Medical Assistance (MFIP-MA) and General Assistance Medical Care (GAMC) Average Monthly Enrollment
By State and County, 2011**

	MinnesotaCare				MFIP-MA		GAMC
	All Families and Children	MA Adults with No Kids	Children 0-19	Total	Children 0-19	Females 20-49	
State of Minnesota	87,498	56,810	45,344	144,308	100,062	33,030	4,607
Mahnomen	80	79	74	159	501	122	11
Marshall	203	97	171	300	67	23	1
Martin	372	241	339	614	214	92	5
Meeker	437	251	402	687	278	122	5
Mille Lacs	921	512	852	1,433	453	161	7
Morrison	969	504	877	1,473	369	175	7
Mower	468	441	460	909	733	263	24
Murray	137	74	123	211	66	21	2
Nicollet	298	256	316	553	603	234	13
Nobles	208	134	197	341	519	142	9
Norman	194	86	157	281	154	69	2
Olmsted	1,464	1,312	1,530	2,776	2,535	875	60
Otter Tail	1,666	749	1,469	2,415	587	220	16
Pennington	258	194	261	452	178	67	6
Pine	779	501	707	1,279	572	228	23
Pipestone	134	102	121	236	165	61	3
Polk	681	360	638	1,040	601	244	18
Pope	326	173	290	500	93	26	3
Ramsey	8,680	5,962	8,545	14,642	22,288	6,919	681
Red Lake	105	66	93	171	47	24	2
Redwood	358	148	324	505	176	60	5
Renville	309	189	284	498	194	56	6
Rice	845	554	830	1,399	912	255	20
Rock	208	56	167	264	128	47	3
Roseau	251	152	235	403	124	53	3
St. Louis	3,468	3,110	3,443	6,579	3,474	1,243	172
Scott	1,954	779	1,769	2,733	1,139	350	24
Sherburne	1,895	779	1,708	2,674	773	309	19
Sibley	267	173	257	440	136	47	4
Stearns	2,410	1,788	2,441	4,198	2,170	822	58
Steele	374	331	375	705	657	272	14
Stevens	136	87	139	223	59	26	1
Swift	177	149	155	326	117	43	5
Todd	871	397	771	1,268	260	95	4
Traverse	94	59	76	153	42	9	2
Wabasha	386	189	345	575	174	57	5
Wadena	492	211	429	703	323	116	9
Waseca	317	194	293	511	230	98	8
Washington	3,137	1,591	2,926	4,728	1,816	696	58
Watonwan	132	80	118	212	137	46	3
Wilkin	110	56	105	166	67	25	3
Winona	611	573	585	1,184	547	179	20
Wright	2,542	1,052	2,337	3,594	749	289	34
Yellow Medicine	226	94	183	321	79	22	2

Minnesota County Health Tables

**Demographics Table 7: MinnesotaCare, Minnesota Family Investment Program -Medical Assistance (MFIP-MA) and General Assistance Medical Care (GAMC) Average Monthly Enrollment
By State and County, 2011**

	MinnesotaCare				MFIP-MA		GAMC
	All Families and Children	MA Adults with No Kids	Children 0-19	Total	Children 0-19	Females 20-49	
State of Minnesota	87,498	56,810	45,344	144,308	100,062	33,030	4,607
CHB - Aitkin, Itasca, Koochiching	1,974	1,544	1,794	3,519	1,140	431	35
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	2,501	1,397	2,253	3,898	4,079	1,219	115
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	883	553	767	1,437	451	172	10
CHB - Brown, Nicollet	569	459	578	1,027	825	350	23
CHB - Carlton, Cook, Lake, St. Louis	4,501	3,911	4,407	8,413	4,030	1,447	196
CHB - Cottonwood, Jackson	353	222	328	576	271	97	7
CHB - Clay, Wilkin	823	545	805	1,368	1,076	393	29
CHB - Douglas, Grant, Pope, Stevens, Traverse	1,548	902	1,445	2,451	549	212	22
CHB - Dodge, Steele	644	499	617	1,143	861	339	18
CHB - Fillmore, Houston	762	404	648	1,166	370	125	11
CHB - Faribault, Martin	616	417	558	1,034	425	162	11
CHB - Isanti, Mille Lacs	2,003	1,116	1,847	3,119	929	360	20
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	1,008	567	930	1,575	462	176	13
CHB - Kanabec, Pine	1,284	827	1,144	2,110	846	330	29
CHB - Kandiyohi, Renville	1,068	713	1,006	1,781	1,276	418	20
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	1,267	674	1,129	1,941	914	332	30
CHB - LeSueur, Waseca	715	377	649	1,091	510	194	17
CHB - Meeker, McLeod, Sibley	1,381	783	1,286	2,163	712	301	18
CHB - Mahnomon, Norman, Polk	955	525	869	1,480	1,256	435	31
CHB - Morrison, Todd, Wadena	2,332	1,112	2,077	3,444	952	386	20

Source: Minnesota Department of Human Services

MFIP-MA (Minnesota Family Investment Program - Medical Assistance): Medical Assistance eligibility coincides with receipt of cash assistance from MFIP, is extended MA eligibility following MFIP, or is based on pregnancy. Counts include both fee-for-service and HMO enrollees.

GAMC (General Assistance Medical Care): Most enrollees are eligible on a medical-only basis; fewer than one-third are eligible based on receipt of cash assistance from General Assistance. Counts include both fee-for-service and HMO enrollees.

Demographics Table 8
Minnesota Medical Assistance, Average Monthly Enrollment
By State and County, 2011

	Average Monthly Enrollment in Medical Assistance					
	All Families and Children	Children 0-19	MA Adults with No Kids	Elderly	Disabled	Total
State of Minnesota	464,471	246,259	67,925	56,615	120,497	709,508
Aitkin	1,809	990	276	322	440	2,847
Anoka	27,202	14,845	3,602	1,906	5,841	38,550
Becker	4,391	2,255	584	551	912	6,438
Beltrami	8,146	2,456	1,111	653	1,452	11,361
Benton	3,480	1,919	544	433	887	5,343
Big Stone	436	282	39	132	152	759
Blue Earth	4,604	2,447	696	612	1,335	7,247
Brown	1,909	1,186	180	368	526	2,983
Carlton	3,218	1,840	511	515	821	5,064
Carver	3,444	2,194	406	448	943	5,241
Cass	4,071	2,037	539	420	745	5,775
Chippewa	1,165	735	99	249	279	1,793
Chisago	3,427	2,038	500	359	779	5,065
Clay	5,558	3,054	569	655	1,507	8,289
Clearwater	1,153	634	142	222	272	1,789
Cook	318	187	47	52	87	504
Cottonwood	1,280	838	126	217	322	1,945
Crow Wing	6,314	3,529	839	767	1,453	9,373
Dakota	23,717	14,900	2,671	2,335	6,372	35,094
Dodge	1,675	1,036	139	190	249	2,252
Douglas	2,924	1,822	404	489	783	4,600
Faribault	1,568	929	150	262	361	2,340
Fillmore	1,629	998	188	400	325	2,542
Freeborn	3,071	1,837	336	419	709	4,534
Goodhue	2,920	1,638	374	495	819	4,607
Grant	564	318	84	92	125	866
Hennepin	105,143	53,081	22,295	13,320	31,230	171,988
Houston	1,310	686	157	229	351	2,047
Hubbard	2,297	1,275	295	283	514	3,389
Isanti	3,781	2,149	491	274	604	5,150
Itasca	4,952	2,744	775	679	1,313	7,719
Jackson	878	528	73	141	194	1,286
Kanabec	1,972	1,106	304	210	393	2,879
Kandiyohi	5,389	2,843	461	497	967	7,314
Kittson	347	225	35	108	96	586
Koochiching	1,309	773	190	243	440	2,183
Lac Qui Parle	564	363	66	174	204	1,009
Lake	747	485	105	111	249	1,212
Lake of the Woods	354	203	51	62	103	570
Le Sueur	2,038	1,221	187	274	478	2,976
Lincoln	374	253	37	139	116	666
Lyon	2,495	1,516	252	335	620	3,702
McLeod	2,872	1,789	274	375	637	4,158

Demographics Table 8
Minnesota Medical Assistance, Average Monthly Enrollment
By State and County, 2011

	Average Monthly Enrollment in Medical Assistance					
	All Families and Children	Children 0-19	MA Adults with No Kids	Elderly	Disabled	Total
State of Minnesota	464,471	246,259	67,925	56,615	120,497	709,508
Mahnomen	1,454	542	185	157	212	2,007
Marshall	648	404	72	202	158	1,080
Martin	2,029	1,252	233	336	568	3,167
Meeker	1,958	1,154	225	328	459	2,969
Mille Lacs	2,707	1,501	340	353	618	4,017
Morrison	3,178	1,895	409	535	773	4,895
Mower	4,815	2,913	427	625	1,077	6,943
Murray	658	429	69	146	154	1,028
Nicollet	2,670	1,303	247	246	544	3,707
Nobles	2,821	1,733	170	306	443	3,740
Norman	865	479	61	165	189	1,280
Olmsted	11,557	6,019	1,419	1,399	2,733	17,108
Otter Tail	4,538	2,741	546	947	1,213	7,243
Pennington	1,324	749	144	237	329	2,034
Pine	3,463	1,743	472	388	663	4,986
Pipestone	1,040	602	80	190	201	1,511
Polk	3,439	1,870	372	626	929	5,366
Pope	870	526	158	225	214	1,467
Ramsey	67,242	28,264	8,929	6,484	18,156	100,811
Red Lake	408	239	44	81	69	602
Redwood	1,427	891	122	212	335	2,095
Renville	1,652	1,046	159	186	360	2,356
Rice	4,807	2,817	497	521	1,030	6,854
Rock	775	454	50	130	178	1,133
Roseau	1,044	648	111	228	253	1,636
St. Louis	18,247	9,486	3,664	2,844	6,952	31,707
Scott	6,210	3,768	653	673	1,420	8,956
Sherburne	6,113	3,658	568	391	1,043	8,114
Sibley	1,264	833	123	205	260	1,852
Stearns	12,061	6,631	1,652	1,272	2,939	17,925
Steele	3,859	2,171	343	383	745	5,330
Stevens	538	331	73	129	158	898
Swift	940	602	111	244	280	1,574
Todd	2,286	1,443	296	505	648	3,734
Traverse	337	210	38	109	75	559
Wabasha	1,325	770	163	255	361	2,103
Wadena	1,808	964	192	286	528	2,814
Waseca	1,713	1,054	214	204	392	2,523
Washington	10,557	5,903	1,404	1,073	2,608	15,642
Watsonwan	1,145	792	65	160	253	1,622
Wilkin	605	389	68	132	192	997
Winona	3,196	1,810	575	528	1,115	5,414
Wright	7,131	4,470	913	768	1,453	10,265
Yellow Medicine	840	549	75	187	213	1,315

Demographics Table 8
Minnesota Medical Assistance, Average Monthly Enrollment
By State and County, 2011

	Average Monthly Enrollment in Medical Assistance					
	All Families and Children	Children 0-19	MA Adults with No Kids	Elderly	Disabled	Total
State of Minnesota	464,471	246,259	67,925	56,615	120,497	709,508
CHB - Aitkin, Itasca, Koochiching	8,070	4,507	1,241	1,244	2,193	12,749
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	11,950	4,568	1,599	1,220	2,341	17,109
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	3,945	2,531	390	986	1,128	6,450
CHB - Brown, Nicollet	4,579	2,489	427	614	1,070	6,690
CHB - Carlton, Cook, Lake, St. Louis	22,530	11,998	4,327	3,522	8,109	38,487
CHB - Cottonwood, Jackson	2,158	1,366	199	358	516	3,231
CHB - Clay, Wilkin	6,163	3,443	637	787	1,699	9,286
CHB - Douglas, Grant, Pope, Stevens, Traverse	5,233	3,207	757	1,044	1,355	8,390
CHB - Dodge, Steele	5,534	3,207	482	573	994	7,582
CHB - Fillmore, Houston	2,939	1,684	345	629	676	4,589
CHB - Faribault, Martin	3,597	2,181	383	598	929	5,507
CHB - Isanti, Mille Lacs	6,488	3,650	831	627	1,222	9,167
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	3,771	2,265	406	856	905	5,938
CHB - Kanabec, Pine	5,435	2,849	776	598	1,056	7,865
CHB - Kandiyohi, Renville	7,041	3,889	620	683	1,327	9,670
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	6,769	4,145	610	1,152	1,604	10,135
CHB - LeSueur, Waseca	3,751	2,275	401	478	870	5,499
CHB - Meeker, McLeod, Sibley	6,094	3,776	622	908	1,356	8,979
CHB - Mahnomon, Norman, Polk	5,758	2,891	618	948	1,330	8,653
CHB - Morrison, Todd, Wadena	7,272	4,302	897	1,326	1,949	11,443

Source: Minnesota Department of Human Services

Medical Assistance: This category excludes MFIP-MA enrollees. Enrollees over age 21 may be eligible as parents or based on disability. Those eligible as disabled may be SSI recipients. Counts include both fee-for-service and HMO enrollees and non-citizen Medical Assistance recipients.

Demographics Table 9: Pre-Kindergarten to 12th Grade Enrollment by Race/Ethnicity, 2011-12 School Year, October 1, 2011

	White	African American	American Indian	Asian	Hispanic	Total
State of Minnesota	619,092	85,844	18,789	56,076	59,625	839,426
Aitkin	1,817	25	113	8	21	1,984
Anoka	48,117	6,979	971	3,903	3,446	63,416
Becker	3,868	45	520	33	73	4,539
Beltrami	4,869	128	2,650	60	98	7,805
Benton	5,407	174	47	98	104	5,830
Big Stone	835	4	10	4	15	868
Blue Earth	8,753	758	41	229	403	10,184
Brown	3,131	20	4	40	342	3,537
Carlton	5,504	58	576	62	49	6,249
Carver	14,030	425	57	546	974	16,032
Cass	2,772	37	1,263	33	26	4,131
Chippewa	1,875	25	28	17	199	2,144
Chisago	7,304	86	58	119	105	7,672
Clay	7,948	281	237	94	519	9,079
Clearwater	1,094	26	322	12	17	1,471
Cook	464	3	111	5	10	593
Cottonwood	1,801	39	16	252	226	2,334
Crow Wing	9,245	151	152	78	70	9,696
Dakota	54,558	6,778	628	4,740	6,489	73,193
Dodge	3,740	44	17	28	287	4,116
Douglas	5,090	88	33	58	64	5,333
Faribault	1,608	16	8	9	208	1,849
Fillmore	2,382	15	1	18	16	2,432
Freeborn	3,280	125	5	85	574	4,069
Goodhue	6,058	189	157	130	282	6,816
Grant	1,026	16	4	1	18	1,065
Hennepin	86,478	37,698	2,890	15,032	16,563	158,661
Houston	4,245	144	42	56	86	4,573
Hubbard	2,050	43	132	15	60	2,300
Isanti	5,849	102	80	118	117	6,266
Itasca	5,513	88	810	63	58	6,532
Jackson	1,376	15	6	35	82	1,514
Kanabec	2,206	32	36	14	54	2,342
Kandiyohi	3,721	375	39	52	1,343	5,530
Kittson	646	4	4	7	21	682
Koochiching	1,738	25	131	7	16	1,917
Lac Qui Parle	1,189	24	6	41	48	1,308
Lake	1,354	12	12	11	17	1,406
Lake of the Woods	463	10	17	8	6	504
Le Sueur	3,812	38	24	30	429	4,333
Lincoln	910	10	2	5	20	947
Lyon	3,493	191	16	204	421	4,325
McLeod	4,783	55	14	58	447	5,357

Demographics Table 9: Pre-Kindergarten to 12th Grade Enrollment by Race/Ethnicity, 2011-12 School Year, October 1, 2011

	White	African American	American Indian	Asian	Hispanic	Total
State of Minnesota	619,092	85,844	18,789	56,076	59,625	839,426
Mahnomen	302	6	990	7	5	1,310
Marshall	1,233	15	3	6	100	1,357
Martin	2,886	36	8	26	177	3,133
Meeker	3,181	26	8	19	182	3,416
Mille Lacs	5,900	68	341	59	72	6,440
Morrison	5,009	46	48	41	72	5,216
Mower	4,244	354	17	154	1,168	5,937
Murray	1,041	15	7	12	35	1,110
Nicollet	2,056	134	6	37	197	2,430
Nobles	1,876	168	12	346	1,254	3,656
Norman	973	19	42	6	77	1,117
Olmsted	16,895	2,357	107	1,845	1,412	22,616
Otter Tail	6,705	194	73	80	394	7,446
Pennington	1,868	68	66	35	133	2,170
Pine	3,445	72	249	44	68	3,878
Pipestone	1,298	34	25	19	95	1,471
Polk	4,274	57	106	23	517	4,977
Pope	1,160	25	11	8	13	1,217
Ramsey	37,841	18,176	1,244	19,244	8,729	85,234
Red Lake	681	9	27	3	45	765
Redwood	1,729	27	302	15	73	2,146
Renville	1,467	15	8	12	287	1,789
Rice	6,597	446	36	179	1,308	8,566
Rock	1,490	21	16	15	50	1,592
Roseau	2,763	25	109	111	15	3,023
St. Louis	21,892	1,184	1,317	386	371	25,150
Scott	18,456	876	254	1,469	1,275	22,330
Sherburne	17,393	480	185	403	482	18,943
Sibley	1,746	19	9	28	412	2,214
Stearns	19,429	2,084	178	546	1,126	23,363
Steele	5,345	354	17	86	647	6,449
Stevens	1,331	25	19	20	63	1,458
Swift	1,372	12	4	6	89	1,483
Todd	3,073	43	27	42	367	3,552
Traverse	434	7	39	1	19	500
Wabasha	4,161	62	14	48	168	4,453
Wadena	2,670	44	18	22	40	2,794
Waseca	3,271	63	12	24	233	3,603
Washington	32,542	2,013	238	3,493	1,569	39,855
Watonwan	1,107	12	5	15	690	1,829
Wilkin	1,017	18	26	1	58	1,120
Winona	4,889	211	30	187	246	5,563
Wright	24,343	504	106	514	745	26,212
Yellow Medicine	1,305	19	140	21	124	1,609

Demographics Table 9: Pre-Kindergarten to 12th Grade Enrollment by Race/Ethnicity, 2011-12 School Year, October 1, 2011

	White	African American	American Indian	Asian	Hispanic	Total
State of Minnesota	619,092	85,844	18,789	56,076	59,625	839,426
CHB - Aitkin, Itasca, Koochiching	9,068	138	1,054	78	95	10,433
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	8,476	207	3,121	95	181	12,080
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	6,576	84	188	89	475	7,412
CHB - Brown, Nicollet	5,187	154	10	77	539	5,967
CHB - Carlton, Cook, Lake, St. Louis	29,214	1,257	2,016	464	447	33,398
CHB - Cottonwood, Jackson	3,177	54	22	287	308	3,848
CHB - Clay, Wilkin	8,965	299	263	95	577	10,199
CHB - Douglas, Grant, Pope, Stevens, Traverse	9,041	161	106	88	177	9,573
CHB - Dodge, Steele	9,085	398	34	114	934	10,565
CHB - Fillmore, Houston	6,627	159	43	74	102	7,005
CHB - Faribault, Martin	4,494	52	16	35	385	4,982
CHB - Isanti, Mille Lacs	11,749	170	421	177	189	12,706
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	7,191	121	209	162	314	7,997
CHB - Kanabec, Pine	5,651	104	285	58	122	6,220
CHB - Kandiyohi, Renville	5,188	390	47	64	1,630	7,319
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	9,961	298	368	270	694	11,591
CHB - LeSueur, Waseca	7,083	101	36	54	662	7,936
CHB - Meeker, McLeod, Sibley	9,710	100	31	105	1,041	10,987
CHB - Mahnomen, Norman, Polk	5,549	82	1,138	36	599	7,404
CHB - Morrison, Todd, Wadena	10,752	133	93	105	479	11,562

Source: Minnesota Department of Education - 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 11: Children in Out-of-home Care per per 1,000 in the Child Population (0-17 years old), 2011

	Child Population Age 0-17	Total	
		Unique Children	Children per 1,000
Minnesota	1,277,526	11,368	8.9
Aitkin	2,850	50	17.5
Anoka	84,876	474	5.6
Becker	7,973	155	19.4
Beltrami	11,414	327	28.6
Benton	9,539	66	6.9
Big Stone	1,093	19	17.4
Blue Earth	12,333	144	11.7
Brown	5,573	36	6.5
Carlton	8,187	174	21.3
Carver	27,312	118	4.3
Cass	5,990	79	13.2
Chippewa	2,862	9	3.1
Chisago	13,486	41	3.0
Clay	13,671	209	15.3
Clearwater	2,147	12	5.6
Cook	880	21	23.9
Cottonwood	2,771	29	10.5
Crow Wing	14,193	223	15.7
Dakota	104,010	354	3.4
Dodge	5,749	24	4.2
Douglas	7,764	61	7.9
Faribault (includes Martin County)	7,702	148	19.2
Fillmore	4,947	18	3.6
Freeborn	6,785	74	10.9
Goodhue	10,769	98	9.1
Grant	1,277	16	12.5
Hennepin	263,544	2,399	9.1
Houston	4,245	36	8.5
Hubbard	4,346	35	8.1
Isanti	9,763	70	7.2
Itasca	9,715	149	15.3
Jackson	2,272	37	16.3
Kanabec	3,763	38	10.1
Kandiyohi	9,984	116	11.6
Kittson	976	16	16.4
Koochiching	2,729	50	18.3
LacquiParle	1,499	6	4.0
Lake	2,040	20	9.8
Lake of the Woods	791	9	11.4
Le Sueur	6,926	28	4.0
Lincoln (Includes Lyon and Murray Counties)	9,420	114	12.1
Lyon (see Lincoln)			
McLeod	9,072	64	7.1
Mahnomen	1,625	18	11.1
Marshall	2,173	19	8.7
Martin (see Faribault)			

Minnesota County Health Tables

Demographics Table 11: Children in Out-of-home Care per per 1,000 in the Child Population (0-17 years old), 2011

	Child Population Age 0-17	Total	
		Unique Children	Children per 1,000
Minnesota	1,277,526	11,368	8.9
Meeker	5,824	54	9.3
MilleLacs	6,523	55	8.4
Morrison	8,061	76	9.4
Mower	9,988	104	10.4
Murray (see Lincoln)			
Nicollet	7,269	51	7.0
Nobles	5,568	58	10.4
Norman	1,632	20	12.3
Olmsted	36,497	229	6.3
Otter Tail	12,225	65	5.3
Pennington	3,305	49	14.8
Pine	6,377	84	13.2
Pipestone	2,345	34	14.5
Polk	7,367	100	13.6
Pope	2,260	31	13.7
Ramsey	119,542	1,558	13.0
Red Lake	994	8	8.0
Redwood	3,917	66	16.8
Renville	3,497	29	8.3
Rice	14,893	90	6.0
Rock	2,479	23	9.3
Roseau	4,018	24	6.0
St. Louis	38,842	714	18.4
Scott	39,389	121	3.1
Sherburne	25,484	90	3.5
Sibley	3,814	28	7.3
Stearns	34,406	278	8.1
Steele	9,553	61	6.4
Stevens	1,956	10	5.1
Swift	2,125	36	16.9
Todd	6,090	64	10.5
Traverse	742	9	12.1
Wabasha	4,944	47	9.5
Wadena	3,259	33	10.1
Waseca	4,536	20	4.4
Washington	62,964	191	3.0
Watonwan	2,776	23	8.3
Wilkin	1,572	14	8.9
Winona	9,659	84	8.7
Wright	37,381	174	4.7
Yellow Medicine	2,417	25	10.3
Leech Lake Band	1,975	134	67.8
White Earth Band	1,981	201	101.5

Demographics Table 11: Children in Out-of-home Care per per 1,000 in the Child Population (0-17 years old), 2011

	Child Population Age 0-17	Total	
		Unique Children	Children per 1,000
Minnesota	1,277,526	11,368	8.9
CHB - Aitkin, Itasca, Koochiching	15,294	249	16.3
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	18,698	383	20.5
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	9,996	95	9.5
CHB - Brown, Nicollet	12,842	87	6.8
CHB - Carlton, Cook, Lake, St. Louis	49,949	929	18.6
CHB - Cottonwood, Jackson	5,043	66	13.1
CHB - Clay, Wilkin	15,243	223	14.6
CHB - Douglas, Grant, Pope, Stevens, Traverse	13,999	127	9.1
CHB - Dodge, Steele	15,302	85	5.6
CHB - Fillmore, Houston	9,192	54	5.9
CHB - Faribault, Martin	7,702	148	19.2
CHB - Isanti, Mille Lacs	16,286	125	7.7
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	11,466	116	10.1
CHB - Kanabec, Pine	10,140	122	12.0
CHB - Kandiyohi, Renville	13,481	145	10.8
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	18,161	237	13.0
CHB - LeSueur, Waseca	11,462	48	4.2
CHB - Meeker, McLeod, Sibley	18,710	146	7.8
CHB - Mahnomen, Norman, Polk	10,624	138	13.0
CHB - Morrison, Todd, Wadena	17,410	173	9.9

*These numbers represent the 2010 U.S. Census for children residing on the Leech Lake and White Earth "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

Source: Minnesota Department of Human Services

Children and Family Services

Minnesota's Child Welfare Report

Reports on MN DHS website

www.dhs.state.mn.us

under Publications, Child Welfare

Child protection statistical reports

PDF Link:

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

Section B: Natality

Tables

Table 1: Selected Natality and Mortality

Table 2: Prematurity and Low Birth Weight, Singletons

Table 3: Infant Mortality

Table 4: Prenatal Care

Table 5: Cesarean Births

Table 6: Fertility and Family Planning

Table 7: Teen Birth and Pregnancy Rates

Table 8: Socio-Demographic Factors

Tables 9: Race and Ethnicity of Mother

**Nativity Table 1: Selected Minnesota Natality Statistics
By State, County and Community Health Board (CHB), 2011**

State/County/CHB	Number of Births	Fertility Rate	Birth Rate	Number of Deaths	Death Rate	Natural Rate of Increase
State of Minnesota	68,416	65.5	12.8	39,799	7.4	5.4
Aitkin	122	62.1	7.5	231	14.2	-6.7
Anoka	4,069	62.3	12.2	1,817	5.5	6.8
Becker	399	77.2	12.2	323	9.9	2.3
Beltrami	731	82.0	16.1	402	8.9	7.3
Benton	553	68.8	14.3	323	8.4	5.9
Big Stone	59	83.5	11.3	88	16.8	-5.5
Blue Earth	775	49.9	12.0	489	7.6	4.4
Brown	286	67.5	11.1	298	11.6	-0.5
Carlton	398	68.7	11.2	338	9.5	1.7
Carver	1,035	57.3	11.2	419	4.5	6.6
Cass	351	87.2	12.4	309	10.9	1.5
Chippewa	155	77.2	12.6	144	11.7	0.9
Chisago	554	57.7	10.3	366	6.8	3.5
Clay	750	54.4	12.5	455	7.6	4.9
Clearwater	112	82.2	12.8	88	10.0	2.7
Cook	60	78.8	11.5	40	7.7	3.8
Cottonwood	157	86.9	13.4	142	12.2	1.3
Crow Wing	754	73.7	12.0	612	9.8	2.3
Dakota	5,103	63.8	12.7	2,241	5.6	7.1
Dodge	264	71.3	13.0	122	6.0	7.0
Douglas	390	66.3	10.8	363	10.0	0.7
Faribault	142	65.4	9.8	201	13.9	-4.1
Fillmore	256	77.2	12.3	232	11.1	1.1
Freeborn	330	68.0	10.6	363	11.6	-1.1
Goodhue	578	75.6	12.5	478	10.3	2.2
Grant	65	71.7	10.9	69	11.5	-0.7
Hennepin	15,943	64.0	13.6	7,814	6.7	7.0
Houston	182	60.2	9.6	175	9.3	0.4
Hubbard	221	75.7	10.9	181	8.9	2.0
Isanti	470	65.6	12.3	270	7.1	5.2
Itasca	495	71.9	11.0	511	11.3	-0.4
Jackson	102	64.7	10.0	113	11.1	-1.1
Kanabec	142	53.3	8.8	143	8.8	-0.1
Kandiyohi	561	77.0	13.3	379	9.0	4.3
Kittson	47	77.8	10.4	53	11.7	-1.3
Koochiching	126	63.2	9.5	151	11.4	-1.9
Lac Qui Parle	78	82.8	10.8	100	13.9	-3.1
Lake	111	70.9	10.3	116	10.7	-0.5
Lake of the Woods	40	73.8	10.0	60	15.0	-5.0
Le Sueur	354	73.0	12.8	185	6.7	6.1
Lincoln	76	92.6	13.1	79	13.6	-0.5
Lyon	373	71.6	14.4	203	7.8	6.6
McLeod	410	63.2	11.3	313	8.6	2.7
Mahnomen	112	126.1	20.5	53	9.7	10.8
Marshall	98	68.7	10.3	85	9.0	1.4
Martin	211	67.2	10.2	246	11.9	-1.7
Meeker	286	77.7	12.3	211	9.1	3.2
Mille Lacs	325	72.2	12.5	276	10.6	1.9

**Nativity Table 1: Selected Minnesota Natality Statistics
By State, County and Community Health Board (CHB), 2011**

State/County/CHB	Number of Births	Fertility Rate	Birth Rate	Number of Deaths	Death Rate	Natural Rate of Increase
State of Minnesota	68,416	65.5	12.8	39,799	7.4	5.4
Morrison	375	67.5	11.3	285	8.6	2.7
Mower	510	75.8	13.0	384	9.8	3.2
Murray	90	72.1	10.4	108	12.5	-2.1
Nicollet	418	59.1	12.7	190	5.8	6.9
Nobles	351	96.7	16.4	163	7.6	8.8
Norman	54	53.0	7.9	80	11.6	-3.8
Olmsted	2,217	77.0	15.2	914	6.3	8.9
Otter Tail	597	71.2	10.4	690	12.1	-1.6
Pennington	190	74.4	13.5	159	11.3	2.2
Pine	309	68.6	10.4	241	8.1	2.3
Pipestone	109	72.1	11.5	99	10.4	1.1
Polk	397	72.1	12.6	369	11.7	0.9
Pope	127	77.3	11.7	143	13.1	-1.5
Ramsey	7,556	67.8	14.7	3,890	7.6	7.1
Red Lake	53	82.0	12.9	51	12.4	0.5
Redwood	195	77.6	12.2	192	12.0	0.2
Renville	189	81.0	12.2	190	12.3	-0.1
Rice	733	56.6	11.4	458	7.1	4.3
Rock	107	69.6	11.1	118	12.3	-1.1
Roseau	179	70.0	11.5	154	9.9	1.6
St. Louis	2,063	55.6	10.3	2,080	10.4	-0.1
Scott	1,899	68.9	14.3	608	4.6	9.7
Sherburne	1,179	65.0	13.2	468	5.2	8.0
Sibley	194	76.1	12.8	151	10.0	2.8
Stearns	1,927	59.6	12.7	984	6.5	6.2
Steele	480	73.3	13.1	278	7.6	5.5
Stevens	114	52.9	11.8	78	8.1	3.7
Swift	106	71.2	11.0	116	12.0	-1.0
Todd	318	81.7	12.8	187	7.5	5.3
Traverse	43	86.9	12.2	54	15.3	-3.1
Wabasha	249	69.8	11.5	173	8.0	3.5
Wadena	187	88.5	13.6	177	12.9	0.7
Waseca	208	52.9	10.8	171	8.9	1.9
Washington	2,818	61.7	11.7	1,335	5.5	6.1
Watonwan	149	80.6	13.3	110	9.8	3.5
Wilkin	70	64.9	10.6	73	11.1	-0.5
Winona	454	37.6	8.8	381	7.4	1.4
Wright	1,861	74.5	14.7	683	5.4	9.3
Yellow Medicine	121	76.8	11.7	139	13.5	-1.7

**Nativity Table 1: Selected Minnesota Natality Statistics
By State, County and Community Health Board (CHB), 2011**

State/County/CHB	Number of Births	Fertility Rate	Birth Rate	Number of Deaths	Death Rate	Natural Rate of Increase
State of Minnesota	68,416	65.5	12.8	39,799	7.4	5.4
CHB - Aitkin, Itasca, Koochiching	743	68.5	10.0	893	12.0	-2.0
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	1,104	80.3	14.1	731	9.3	4.8
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	519	77.2	11.6	587	13.1	-1.5
CHB - Brown, Nicollet	704	62.3	12.0	488	8.3	3.7
CHB - Carlton, Cook, Lake, St. Louis	2,632	58.2	10.5	2,574	10.2	0.2
CHB - Cottonwood, Jackson	259	76.6	11.8	255	11.7	0.2
CHB - Clay, Wilkin	820	55.1	12.4	528	8.0	4.4
CHB - Douglas, Grant, Pope, Stevens, Traverse	739	66.7	11.2	707	10.7	0.5
CHB - Dodge, Steele	744	72.6	13.1	400	7.0	6.1
CHB - Fillmore, Houston	438	69.1	11.0	407	10.2	0.8
CHB - Faribault, Martin	353	66.5	10.0	447	12.7	-2.7
CHB - Isanti, Mille Lacs	795	68.1	12.4	546	8.5	3.9
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	567	72.8	11.9	502	10.5	1.4
CHB - Kanabec, Pine	451	62.9	9.9	384	8.4	1.5
CHB - Kandiyohi, Renville	750	78.0	13.0	569	9.9	3.1
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	950	74.0	12.6	799	10.6	2.0
CHB - LeSueur, Waseca	562	64.0	12.0	356	7.6	4.4
CHB - Meeker, McLeod, Sibley	889	70.0	11.9	675	9.0	2.9
CHB - Mahnomen, Norman, Polk	563	76.0	12.9	502	11.5	1.4
CHB - Morrison, Todd, Wadena	880	76.1	12.3	649	9.0	3.2

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), 2011**

State/County/CHB	Preterm Births		Low Birth Weight		Percent Very Low Birth Weight 2009-2011	Percent Small for Gestational Age
	Number	Percent	Number	Percent		
State of Minnesota	4,677	7.9	3,119	4.7	0.8	3.4
Aitkin	8	7.1	5	4.1	0.5	0.9
Anoka	291	8.1	155	4.0	0.8	3.6
Becker	16	5.4	17	4.3	0.2	1.7
Beltrami	56	8.9	25	3.6	0.9	2.7
Benton	43	8.3	21	4.0	0.6	3.5
Big Stone	3	5.4	1	1.8	0.0	1.8
Blue Earth	46	6.4	23	3.1	0.6	2.8
Brown	18	6.6	11	4.0	0.7	3.0
Carlton	34	9.2	16	4.1	0.8	3.5
Carver	58	6.3	41	4.1	0.9	3.8
Cass	26	8.5	15	4.5	1.3	2.3
Chippewa	14	10.4	7	4.9	0.7	2.3
Chisago	38	8.4	23	4.4	0.8	3.5
Clay	1	4.5	23	3.2	1.0	4.5
Clearwater	9	10.2	2	1.9	2.3	5.7
Cook	1	1.9	2	3.6	0.0	3.8
Cottonwood	16	10.8	1	0.7	1.0	1.4
Crow Wing	57	8.2	31	4.3	0.5	2.6
Dakota	349	7.6	178	3.7	0.8	3.2
Dodge	21	8.4	9	3.5	0.6	1.2
Douglas	31	8.3	14	3.7	1.1	1.6
Faribault	13	9.9	4	3.0	1.1	3.8
Fillmore	17	7.2	12	4.8	0.5	3.0
Freeborn	29	9.8	18	5.6	0.9	3.0
Goodhue	38	7.1	19	3.4	0.6	1.9
Grant	4	6.9	2	3.2	0.5	3.4
Hennepin	1,108	8.3	686	4.5	1.0	4.0
Houston	4	2.5	9	5.4	1.0	3.2
Hubbard	8	4.4	6	2.9	0.8	3.3
Isanti	39	9.1	17	3.8	1.0	1.6
Itasca	41	9.8	22	4.7	0.8	3.1
Jackson	7	8.1	3	3.1	0.3	1.2
Kanabec	18	14.1	12	8.6	0.4	4.0
Kandiyohi	47	9.0	27	5.0	0.6	2.9
Kittson	2	10.5	2	4.3	0.0	0.0
Koochiching	12	12.5	4	3.4	0.6	4.3
Lac Qui Parle	2	2.9	2	2.6	1.0	5.7
Lake	12	11.2	3	2.8	1.5	0.9
Lake of the Woods	2	5.7	0	0.0	0.0	2.9
Le Sueur	24	7.1	19	5.5	0.6	5.6
Lincoln	5	7.2	2	2.8	0.5	2.9
Lyon	33	9.2	20	5.6	0.5	4.7
McLeod	26	6.9	9	2.3	0.7	2.1
Mahnomen	8	11.4	6	5.9	0.7	0.0
Marshall	4	9.1	2	2.2	0.7	2.3
Martin	15	8.7	5	2.4	0.3	2.9
Meeker	15	5.6	10	3.6	0.3	2.6
Mille Lacs	22	8.2	8	2.6	0.7	3.7
Morrison	25	7.2	9	2.5	0.9	2.0
Mower	44	9.4	20	4.1	1.0	4.3

**Nativity Table 2: Prematurity and Low Birth Weight of Singleton Births in Minnesota
By State, County and Community Health Board (CHB), 2011**

State/County/CHB	Preterm Births		Low Birth Weight		Percent Very Low Birth Weight 2009-2011	Percent Small for Gestational Age
	Number	Percent	Number	Percent		
Murray	6	7.1	0	0.0	1.2	3.5
Nicollet	24	6.0	14	3.5	0.6	2.0
Nobles	37	12.2	10	2.9	1.2	4.7
Norman	0	0.0	4	7.4	0.5	0.0
Olmsted	151	7.4	70	3.3	0.6	3.5
Otter Tail	15	3.0	22	3.8	0.6	4.2
Pennington	11	7.3	4	2.2	0.7	2.7
Pine	17	6.5	9	3.0	0.6	2.7
Pipestone	7	6.9	5	4.9	0.9	5.0
Polk	12	6.6	16	4.2	0.6	2.2
Pope	10	8.7	2	1.7	0.9	1.7
Ramsey	572	8.6	340	4.7	1.0	4.8
Red Lake	1	2.2	0	0.0	0.6	0.0
Redwood	19	10.4	4	2.1	0.0	2.7
Renville	12	7.2	7	3.9	0.6	0.6
Rice	49	7.4	26	3.7	1.0	2.1
Rock	7	7.0	3	2.9	0.3	5.0
Roseau	9	5.8	6	3.4	0.4	1.3
St. Louis	150	7.6	71	3.6	0.7	2.4
Scott	114	6.7	68	3.8	0.6	2.9
Sherburne	74	7.0	30	2.6	0.7	2.6
Sibley	5	2.8	3	1.6	0.9	2.2
Stearns	137	7.5	63	3.4	0.7	2.1
Steele	35	7.9	19	4.1	1.1	2.9
Stevens	8	7.5	4	3.6	0.0	4.7
Swift	8	8.2	4	4.0	0.7	0.0
Todd	23	7.9	15	4.8	0.2	3.1
Traverse	3	8.8	2	4.9	0.9	2.9
Wabasha	23	10.2	12	5.1	0.9	5.8
Wadena	11	6.5	4	2.2	0.6	1.8
Waseca	20	10.1	10	5.0	0.6	4.0
Washington	176	6.9	78	2.9	0.7	2.7
Watonwan	14	10.2	3	2.1	0.7	3.7
Wilkin	3	5.6	4	5.7	0.5	0.0
Winona	31	7.5	23	5.3	0.6	4.9
Wright	116	7.2	54	3.1	0.6	2.2
Yellow Medicine	6	5.4	4	3.4	0.9	2.7
CHB - Aitkin, Itasca, Koochiching	61	9.7	31	4.4	2.0	2.9
CHB - Beltrami,	75	8.0	33	3.1	2.8	3.1
CHB - Big Stone,	33	7.0	18	3.7	2.0	2.4
CHB - Brown, Nicollet	42	6.3	25	3.7	1.9	2.4
CHB - Carlton, Cook, Lake, St. Louis	197	7.9	92	3.6	2.2	2.5

Nativity Table 3: Minnesota Number of Infant Deaths by State and County,
By State, County and Community Health Board (CHB), 1991-2010 (Birth Year)**

State/County/CHB	Birth Year			
	1991-1995	1996-2000	2001-2005	2006-2010
State of Minnesota	2,340	1,990	1,728	1,836
Aitkin	5	6	2	0
Anoka	132	120	96	103
Becker	7	9	9	18
Beltrami	35	27	20	34
Benton	11	15	18	12
Big Stone	2	1	2	2
Blue Earth	22	22	12	13
Brown	13	7	6	4
Carlton	15	9	11	11
Carver	29	27	9	28
Cass	10	14	10	13
Chippewa	8	5	2	3
Chisago	17	13	10	20
Clay	23	21	17	32
Clearwater	7	3	5	3
Cook	1	2	2	2
Cottonwood	8	4	2	2
Crow Wing	31	15	20	14
Dakota	122	122	129	94
Dodge	7	4	8	6
Douglas	8	6	11	9
Faribault	6	8	2	4
Fillmore	5	7	11	2
Freeborn	16	13	12	11
Goodhue	33	20	11	12
Grant	4	0	0	1
Hennepin	690	541	426	454
Houston	8	4	9	7
Hubbard	8	2	8	5
Isanti	9	14	8	12
Itasca	14	18	18	10
Jackson	4	1	2	3
Kanabec	10	5	5	1
Kandiyohi	19	22	6	15
Kittson	4	2	1	0
Koochiching	9	6	6	1
Lac Qui Parle	1	1	2	3
Lake	1	2	6	5
Lake of the Woods	2	0	3	2
Le Sueur	10	4	6	5
Lincoln	1	0	1	0
Lyon	5	8	11	12
McLeod	15	18	14	5
Mahnomen	7	4	3	6
Marshall	2	4	4	4
Martin	6	6	2	5
Meeker	7	3	6	8
Mille Lacs	6	4	11	15
Morrison	12	8	17	11

Nativity Table 3: Minnesota Number of Infant Deaths by State and County,
By State, County and Community Health Board (CHB), 1991-2010 (Birth Year)**

State/County/CHB	Birth Year			
	1991-1995	1996-2000	2001-2005	2006-2010
Mower	19	18	9	17
Murray	3	2	4	1
Nicollet	15	9	5	14
Nobles	6	5	7	9
Norman	3	1	1	0
Olmsted	62	44	54	71
Otter Tail	27	16	15	5
Pennington	5	7	5	5
Pine	12	7	12	13
Pipestone	4	4	3	3
Polk	14	11	8	12
Pope	2	1	3	5
Ramsey	307	311	210	247
Red Lake	1	2	3	0
Redwood	2	5	3	3
Renville	10	7	4	2
Rice	23	7	24	13
Rock	6	6	2	1
Roseau	9	7	8	5
St. Louis	74	72	56	52
Scott	43	23	26	50
Sherburne	25	22	22	33
Sibley	2	5	3	3
Stearns	45	48	49	51
Steele	16	11	17	7
Stevens	4	6	4	3
Swift	3	1	3	2
Todd	8	8	8	9
Traverse	1	1	1	2
Wabasha	15	11	8	6
Wadena	11	3	3	8
Waseca	3	8	5	5
Washington	69	61	67	70
Watonwan	6	5	6	8
Wilkin	2	3	6	0
Winona	16	16	14	15
Wright	33	33	35	42
Yellow Medicine	7	5	3	2
CHB - Aitkin, Itasca, Koochiching	28	30	26	11
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	52	32	36	44
CHB - Big Stone, Chippewa, Lac qui	21	13	12	12
CHB - Brown, Nicollet	28	16	11	18
CHB - Carlton, Cook, Lake, St. Louis	91	85	75	70
CHB - Cottonwood, Jackson	12	5	4	5
CHB - Clay, Wilkin	25	24	23	32
CHB - Douglas, Grant, Pope, Stevens, Traverse	19	14	19	20
CHB - Dodge, Steele	23	15	25	13
CHB - Fillmore, Houston	13	11	20	9
CHB - Faribault, Martin	12	14	4	9

Nativity Table 3: Minnesota Number of Infant Deaths by State and County,
By State, County and Community Health Board (CHB), 1991-2010 (Birth Year)**

State/County/CHB	Birth Year			
	1991-1995	1996-2000	2001-2005	2006-2010
CHB - Isanti, Mille Lacs	15	18	19	27
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	21	22	21	14
CHB - Kanabec, Pine	22	12	17	14
CHB - Kandiyohi, Renville	29	29	10	17
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	21	25	24	20
CHB - LeSueur, Waseca	13	12	11	10
CHB - Meeker, McLeod, Sibley	24	26	23	16
CHB - Mahnomen, Norman, Polk	24	16	12	18
CHB - Morrison, Todd, Wadena	31	19	28	28

Source: Minnesota Department of Health, Center for Health Statistics

Previous County Health Tables reported infant deaths by **year of death, the infant deaths in this table are reported by **year of birth**.

**Nativity Table 4: Prenatal Care in Minnesota
By State, County and Community Health Board (CHB), 2011**

State/County/CHB	Percent of Prenatal Care Received in 1st Trimester	Percent Adequacy of Prenatal C	
		Adequate or Better	Intermediate
State of Minnesota	84.7	78.3	17.8
Aitkin	88.4	77.5	20.7
Anoka	86.8	82.0	14.6
Becker	77.4	70.3	20.8
Beltrami	71.8	63.3	27.5
Benton	87.6	83.9	13.5
Big Stone	88.2	88.2	9.8
Blue Earth	91.4	83.9	13.5
Brown	89.8	81.1	17.1
Carlton	86.5	80.6	16.4
Carver	91.1	82.5	14.7
Cass	76.6	61.8	23.9
Chippewa	82.1	73.9	25.4
Chisago	85.6	84.3	14.2
Clay	48.1	44.0	20.0
Clearwater	69.5	60.4	27.5
Cook	83.9	66.7	22.2
Cottonwood	89.7	83.0	14.8
Crow Wing	88.0	74.0	21.9
Dakota	85.6	80.4	16.7
Dodge	93.1	82.4	16.0
Douglas	91.5	79.9	18.0
Faribault	87.8	84.2	12.8
Fillmore	78.2	74.2	16.3
Freeborn	87.1	87.7	10.0
Goodhue	88.6	84.4	13.4
Grant	90.0	82.8	15.5
Hennepin	84.6	79.5	16.2
Houston	85.8	86.1	11.3
Hubbard	79.3	65.0	27.3
Isanti	83.6	83.2	13.6
Itasca	81.4	74.5	22.0
Jackson	92.6	90.0	10.0
Kanabec	81.3	68.8	20.3
Kandiyohi	84.6	77.4	19.4
Kittson	90.9	84.2	15.8
Koochiching	80.2	68.5	29.3
Lac Qui Parle	87.1	71.9	28.1
Lake	85.2	74.5	19.8
Lake of the Woods	75.0	56.8	35.1
Le Sueur	87.2	78.5	18.6
Lincoln	83.3	67.5	32.5
Lyon	82.3	59.5	36.4
McLeod	88.6	84.2	13.0
Mahnomen	54.2	43.8	32.8
Marshall	80.0	72.1	23.3
Martin	86.3	84.6	15.4
Meeker	85.6	81.3	17.6
Mille Lacs	79.4	72.3	20.9
Morrison	90.3	82.7	14.8
Mower	71.4	65.4	29.9

**Nativity Table 4: Prenatal Care in Minnesota
By State, County and Community Health Board (CHB), 2011**

State/County/CHB	Percent of Prenatal Care Received in 1st Trimester	Percent Adequacy of Prenatal C	
		Adequate or Better	Intermediate
Murray	90.9	78.1	17.8
Nicollet	90.9	85.0	13.6
Nobles	79.5	78.2	18.0
Norman	83.3	63.6	27.3
Olmsted	89.8	79.8	17.5
Otter Tail	85.5	80.4	15.0
Pennington	92.8	90.8	9.2
Pine	79.8	71.5	22.8
Pipestone	87.7	85.5	14.5
Polk	71.2	53.8	35.9
Pope	86.5	80.2	19.0
Ramsey	76.7	69.1	25.2
Red Lake	85.4	77.8	15.6
Redwood	82.8	67.6	28.1
Renville	85.6	78.4	17.0
Rice	85.5	83.2	13.5
Rock	91.1	86.8	11.3
Roseau	87.3	76.0	23.4
St. Louis	87.2	81.4	15.0
Scott	87.1	73.4	22.8
Sherburne	86.5	82.2	16.3
Sibley	85.0	76.6	16.3
Stearns	87.6	84.8	13.2
Steele	85.7	81.1	15.2
Stevens	89.3	82.0	14.4
Swift	87.4	79.6	18.4
Todd	74.5	62.1	24.8
Traverse	95.8	95.8	4.2
Wabasha	87.8	82.5	13.2
Wadena	84.8	74.1	22.9
Waseca	85.0	76.8	19.2
Washington	88.3	84.3	13.7
Watsonwan	84.9	74.5	21.2
Wilkin	94.5	88.9	11.1
Winona	84.9	83.7	11.7
Wright	88.4	82.1	16.5
Yellow Medicine	88.5	71.6	22.1
CHB - Aitkin, Itasca, Koochiching	82.4	74.1	22.8
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	73.2	63.1	27.7
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	86.0	76.1	21.7
CHB - Brown, Nicollet	90.5	83.4	15.0
CHB - Carlton, Cook, Lake, St. Louis	86.9	80.7	15.6

are, GINDEX
Inadequate or None
3.9
1.8
3.5
8.9
9.3
2.6
2.0
2.7
1.8
3.0
2.9
14.2
0.7
1.5
36.0
12.1
11.1
2.2
4.1
2.9
1.6
2.1
3.0
9.6
2.3
2.2
1.7
4.3
2.6
7.7
3.1
3.5
0.0
10.9
3.2
0.0
2.2
0.0
5.7
8.1
2.9
0.0
4.1
2.8
23.4
4.7
0.0
1.1
6.7
2.5
4.8

are, GINDEX
Inadequate or None
4.1
1.5
3.8
9.1
2.7
4.6
0.0
5.7
0.0
10.3
0.8
5.7
6.7
4.3
4.5
3.2
1.9
0.6
3.5
3.8
1.5
7.1
2.0
3.7
3.6
1.9
13.1
0.0
4.3
2.9
3.9
2.0
4.4
0.0
4.6
1.4
6.3
3.0
9.2
2.2
1.6
3.7

**Nativity Table 5: Cesarean Births in Minnesota
By State, County and Community Health Board (CHB), 2011**

State/County/CHB	Cesarean Births - Percent	First Time Cesarean Births - Percent	Repeat Cesarean - Percent
State of Minnesota	26.5	17.7	8.8
Aitkin	20.5	8.2	12.3
Anoka	25.6	16.9	8.7
Becker	22.7	13.9	8.8
Beltrami	28.6	14.8	13.8
Benton	25.7	14.1	11.6
Big Stone	37.3	18.6	18.6
Blue Earth	27.5	19.4	8.1
Brown	31.8	18.5	13.3
Carlton	30.6	22.0	8.6
Carver	26.9	20.2	6.7
Cass	23.6	12.0	11.7
Chippewa	34.8	27.1	7.7
Chisago	27.1	19.7	7.4
Clay	8.1	7.3	0.8
Clearwater	29.5	18.8	10.7
Cook	20.0	11.7	8.3
Cottonwood	23.6	15.9	7.6
Crow Wing	25.7	15.5	10.2
Dakota	29.8	21.5	8.3
Dodge	22.5	15.3	7.3
Douglas	25.1	16.9	8.2
Faribault	30.7	21.4	9.3
Fillmore	19.8	13.1	6.7
Freeborn	36.2	26.1	10.0
Goodhue	28.2	17.9	10.4
Grant	20.0	9.2	10.8
Hennepin	25.1	17.6	7.5
Houston	25.8	19.8	6.0
Hubbard	28.6	12.3	16.4
Isanti	26.0	18.8	7.2
Itasca	29.6	17.4	12.2
Jackson	37.3	23.5	13.7
Kanabec	31.0	19.0	12.0
Kandiyohi	25.7	17.5	8.2
Kittson	14.9	14.9	0.0
Koochiching	45.2	31.7	13.5
Lac Qui Parle	34.6	26.9	7.7
Lake	24.3	16.2	8.1
Lake of the Woods	35.0	15.0	20.0
Le Sueur	31.1	18.4	12.7
Lincoln	18.4	11.8	6.6
Lyon	29.0	24.1	4.8
McLeod	29.7	22.6	7.1
Mahnomen	27.9	13.5	14.4
Marshall	18.4	15.3	3.1
Martin	26.5	13.3	13.3
Meeker	21.5	14.1	7.4
Mille Lacs	31.1	20.3	10.8
Morrison	29.9	19.3	10.7
Mower	34.0	15.9	18.1

**Natality Table 5: Cesarean Births in Minnesota
By State, County and Community Health Board (CHB), 2011**

State/County/CHB	Cesarean Births - Percent	First Time Cesarean Births - Percent	Repeat Cesarean - Percent
State of Minnesota	26.5	17.7	8.8
Murray	32.2	22.2	10.0
Nicollet	29.4	17.2	12.2
Nobles	28.5	18.2	10.3
Norman	13.0	13.0	0.0
Olmsted	23.9	14.6	9.2
Otter Tail	16.6	9.1	7.6
Pennington	28.4	21.6	6.8
Pine	29.4	20.1	9.4
Pipestone	35.8	21.1	14.7
Polk	16.4	13.4	3.0
Pope	30.7	19.7	11.0
Ramsey	24.0	16.2	7.8
Red Lake	22.6	15.1	7.5
Redwood	30.8	18.5	12.3
Renville	38.1	26.5	11.6
Rice	28.1	16.3	11.9
Rock	29.0	16.8	12.1
Roseau	35.8	16.8	19.0
St. Louis	29.4	20.5	8.9
Scott	26.2	17.7	8.5
Sherburne	31.4	20.0	11.4
Sibley	27.3	19.6	7.7
Stearns	27.6	15.3	12.3
Steele	35.4	20.6	14.7
Stevens	30.7	14.0	16.7
Swift	33.0	27.4	5.7
Todd	24.4	13.6	10.8
Traverse	18.6	9.3	9.3
Wabasha	31.9	19.0	12.9
Wadena	22.5	15.5	7.0
Waseca	28.8	18.8	10.1
Washington	27.1	17.5	9.6
Watsonwan	32.2	21.5	10.7
Wilkin	28.6	20.0	8.6
Winona	16.7	11.3	5.3
Wright	30.2	21.3	8.9
Yellow Medicine	42.1	30.6	11.6
CHB - Aitkin, Itasca,	30.8	18.4	12.4
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	28.9	14.7	14.2
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	36.4	27.0	9.4
CHB - Brown, Nicollet	30.4	17.8	12.6
CHB - Carlton, Cook, Lake, St. Louis	29.1	20.3	8.8
CHB - Cottonwood, Jackson	29.0	18.9	10.0

**Nativity Table 6: Fertility and Family Planning in Minnesota
By State, County and Community Health Board (CHB), 2011**

State/County/CHB	Pregnancies		Abortions		Percent of Women with 4 or More Births	Percent of Women with Live Births w/in 1 Year
	Number	Rate	Number	Rate		
State of Minnesota	79,432	76.1	10,050	9.6	5.2	1.2
Aitkin	139	70.8	13	6.6	4.9	0.8
Anoka	4,857	74.3	651	10.0	4.2	1.2
Becker	404	78.2	7	1.4	8.6	0.8
Beltrami	788	88.4	37	4.1	8.4	0.8
Benton	607	75.6	53	6.6	4.9	2.4
Big Stone	61	86.3	*	**	11.9	3.4
Blue Earth	912	58.7	117	7.5	4.0	1.6
Brown	308	72.6	23	5.4	5.2	1.1
Carlton	432	74.6	38	6.6	2.3	0.5
Carver	1,152	63.8	107	5.9	2.9	0.9
Cass	382	94.9	32	8.0	9.7	1.4
Chippewa	162	80.6	7	3.5	7.7	3.3
Chisago	618	64.4	52	5.4	4.5	2.0
Clay	757	54.9	*	**	7.2	0.0
Clearwater	115	84.4	*	**	10.7	0.0
Cook	68	89.4	6	7.9	3.3	3.3
Cottonwood	162	89.7	*	**	7.0	1.9
Crow Wing	833	81.4	63	6.2	4.1	1.5
Dakota	5,970	74.7	802	10.0	3.7	0.7
Dodge	283	76.4	22	5.9	4.5	0.8
Douglas	409	69.6	17	2.9	3.6	0.5
Faribault	153	70.5	7	3.2	4.3	2.9
Fillmore	270	81.5	18	5.4	10.7	1.2
Freeborn	366	75.4	31	6.4	4.3	1.2
Goodhue	643	84.1	53	6.9	3.8	1.2
Grant	65	71.7	*	**	4.7	1.6
Hennepin	20,029	80.4	3,827	15.4	5.2	1.2
Houston	194	64.1	7	2.3	3.3	5.3
Hubbard	226	77.4	*	**	5.5	1.0
Isanti	515	71.9	51	7.1	4.9	2.4
Itasca	534	77.5	37	5.4	3.9	2.1
Jackson	108	68.5	11	7.0	2.9	1.0
Kanabec	155	58.2	10	3.8	5.7	0.0
Kandiyohi	606	83.2	35	4.8	6.8	1.6
Kittson	47	77.8	*	**	2.1	0.0
Koochiching	141	70.7	10	5.0	5.2	1.0
Lac Qui Parle	80	84.9	*	**	7.7	0.0
Lake	123	78.6	10	6.4	3.6	0.0
Lake of the Woods	41	75.6	*	**	10.0	0.0
Le Sueur	368	75.9	29	6.0	2.6	0.9
Lincoln	76	92.6	*	**	5.3	2.6
Lyon	399	76.6	23	4.4	6.2	1.4
McLeod	448	69.1	36	5.5	5.4	0.8
Mahnomen	119	134.0	*	**	8.1	2.1
Marshall	100	70.1	*	**	5.1	3.1
Martin	227	72.3	11	3.5	3.3	1.0
Meeker	307	83.7	14	3.8	10.9	0.7
Mille Lacs	362	80.4	28	6.2	7.4	1.3
Morrison	403	72.5	21	3.8	8.0	2.2
Mower	562	83.6	52	7.7	7.3	1.4

**Nativity Table 6: Fertility and Family Planning in Minnesota
By State, County and Community Health Board (CHB), 2011**

State/County/CHB	Pregnancies		Abortions		Percent of Women with 4 or More Births	Percent of Women with Live Births w/in 1 Year
	Number	Rate	Number	Rate		
State of Minnesota	79,432	76.1	10,050	9.6	5.2	1.2
Murray	91	72.9	*	**	2.2	1.1
Nicollet	457	64.7	43	6.1	2.6	1.0
Nobles	365	100.6	*	**	7.1	0.6
Norman	55	54.0	*	**	11.1	0.0
Olmsted	2,476	86.0	241	8.4	4.1	1.8
Otter Tail	609	72.7	*	**	5.6	1.1
Pennington	196	76.8	*	**	3.7	1.8
Pine	343	76.2	21	4.7	4.5	1.3
Pipestone	113	74.7	*	**	4.6	2.9
Polk	402	73.0	*	**	6.5	0.8
Pope	130	79.1	*	**	3.9	1.6
Ramsey	9,290	83.4	1,714	15.4	7.2	1.2
Red Lake	56	86.7	*	**	1.9	0.0
Redwood	212	84.3	9	3.6	8.2	2.6
Renville	198	84.9	7	3.0	3.7	2.7
Rice	822	63.5	69	5.3	4.9	1.3
Rock	107	69.6	*	**	6.5	1.9
Roseau	185	72.3	*	**	5.1	0.6
St. Louis	2,388	64.4	325	8.8	5.1	1.6
Scott	2,125	77.1	234	8.5	3.7	0.7
Sherburne	1,287	71.0	114	6.3	4.8	0.8
Sibley	206	80.8	12	4.7	5.2	0.5
Stearns	2,167	67.0	210	6.5	5.8	1.6
Steele	529	80.8	40	6.1	5.4	1.1
Stevens	118	54.8	*	**	2.6	1.8
Swift	113	75.9	7	4.7	1.9	0.0
Todd	322	82.7	12	3.1	15.1	1.3
Traverse	44	88.9	*	**	0.0	5.0
Wabasha	278	78.0	31	8.7	3.6	0.8
Wadena	193	91.4	*	**	11.2	1.6
Waseca	232	59.0	14	3.6	2.9	0.5
Washington	3,283	71.8	407	8.9	2.9	0.9
Watonwan	158	85.5	6	3.2	6.0	2.7
Wilkin	73	67.7	*	**	7.1	0.0
Winona	511	42.3	57	4.7	5.1	1.4
Wright	2,002	80.1	156	6.2	6.1	1.1
Yellow Medicine	130	82.5	7	4.4	5.8	0.8
CHB - Aitkin, Itasca,	814	75.1	60	5.5	4.2	1.7
CHB - Beltrami,	1,170	85.1	*	**	8.1	0.8
CHB - Big Stone,	546	81.2	*	**	6.6	1.6
CHB - Brown, Nicollet	765	67.7	66	5.8	3.7	1.0
CHB - Carlton, Cook,	3,011	66.6	379	8.4	4.6	1.4
CHB - Cottonwood,	270	79.8	*	**	5.4	1.6
CHB - Clay, Wilkin	830	55.8	*	**	7.2	0.0
CHB - Douglas, Grant, Pope, Stevens, Traverse	766	69.2	*	**	3.4	1.2
CHB - Dodge, Steele	812	79.2	62	6.0	5.1	1.0

**Nativity Table 6: Fertility and Family Planning in Minnesota
By State, County and Community Health Board (CHB), 2011**

State/County/CHB	Pregnancies		Abortions		Percent of Women with 4 or More Births	Percent of Women with Live Births w/in 1 Year
	Number	Rate	Number	Rate		
State of Minnesota	79,432	76.1	10,050	9.6	5.2	1.2
CHB - Fillmore, Houston	464	73.2	25	3.9	7.6	2.9
CHB - Faribault, Martin	380	71.6	18	3.4	3.7	1.7
CHB - Isanti, Mille Lacs	877	75.2	79	6.8	5.9	1.9
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	584	75.0	*	**	4.1	1.2
CHB - Kanabec, Pine	498	69.5	31	4.3	4.9	0.9
CHB - Kandiyohi, Renville	804	83.6	42	4.4	6.0	1.9
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	998	77.7	*	**	6.0	1.9
CHB - LeSueur, Waseca	600	68.4	43	4.9	2.7	0.7
CHB - Meeker, McLeod, Sibley	961	75.6	62	4.9	7.1	0.7
CHB - Mahnomen, Norman, Polk	576	77.7	*	**	7.3	1.0
CHB - Morrison, Todd, Wadena	918	79.4	*	**	11.3	1.8

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), 2009-2011**

updated teen pregnancy rates on 3/6/2014

State/County/CHB	Teen Birth Rates			Teen Pregnancy Rates		
	15-17 Years	18-19 Years	15-19 Years	15-17 Years	18-19 Years	15-19 Years
State of Minnesota	10.1	39.0	22.0	14.1	52.9	30.3
Aitkin	*	60.5	27.5	*	65.5	32.5
Anoka	6.7	37.1	17.2	11.5	55.2	26.6
Becker	13.8	78.2	36.5	14.4	80.2	37.6
Beltrami	32.5	74.6	54.0	36.4	79.4	58.4
Benton	13.3	50.2	27.5	14.7	62.4	33.0
Big Stone	*	*	*	*	*	*
Blue Earth	9.3	11.4	10.8	14.7	17.5	16.6
Brown	*	34.1	19.2	*	41.7	24.0
Carlton	11.1	68.6	31.1	15.4	82.1	38.6
Carver	3.0	21.9	9.0	5.6	34.0	14.6
Cass	20.1	87.1	44.4	22.6	94.8	48.8
Chippewa	*	96.2	45.5	*	98.4	47.2
Chisago	6.5	42.1	17.9	9.5	50.2	22.6
Clay	9.7	14.2	12.7	9.7	14.6	12.9
Clearwater	*	98.9	36.3	*	98.9	37.5
Cook	*	*	*	*	*	*
Cottonwood	*	71.9	38.4	*	79.1	41.7
Crow Wing	8.7	72.2	31.6	10.7	86.2	37.9
Dakota	5.9	31.8	14.6	10.1	47.5	22.6
Dodge	*	38.7	17.5	*	53.0	26.4
Douglas	*	33.6	14.7	*	39.1	18.6
Faribault	*	50.7	25.6	*	61.7	30.1
Fillmore	*	37.4	16.2	*	43.1	18.6
Freeborn	23.2	69.0	40.4	26.7	76.8	45.5
Goodhue	7.9	43.5	19.9	11.5	54.2	25.9
Grant	*	*	*	*	*	*
Hennepin	12.2	40.4	23.7	18.6	63.3	36.8
Houston	*	*	11.4	*	30.3	13.4
Hubbard	18.4	64.8	34.2	19.3	68.3	35.9
Isanti	*	47.0	21.3	9.9	55.8	25.9
Itasca	10.0	60.9	27.6	12.9	76.3	34.8
Jackson	*	*	*	*	*	*
Kanabec	*	58.1	26.3	*	63.7	30.1
Kandiyohi	17.5	64.2	35.4	19.4	79.8	42.6
Kittson	*	*	*	*	*	*
Koochiching	*	69.5	31.1	*	80.0	35.9
Lac Qui Parle	*	*	*	*	*	*
Lake	*	87.0	34.9	*	93.2	37.1
Lake of the Woods	*	*	*	*	*	*
Le Sueur	*	49.3	22.9	14.0	60.5	29.0
Lincoln	*	*	*	*	*	*
Lyon	16.0	25.7	21.0	16.0	30.1	23.3
McLeod	*	59.0	23.4	*	70.1	28.2
Mahnomen	*	168.8	98.7	*	168.8	102.4
Marshall	*	*	*	*	*	*
Martin	16.2	61.3	31.9	18.7	67.5	35.6
Meeker	*	53.8	23.4	*	63.7	28.6
Mille Lacs	19.0	84.9	42.8	23.4	99.4	50.9
Morrison	*	50.1	21.3	*	55.4	23.4
Mower	13.5	76.9	36.6	17.3	88.0	43.0
Murray	*	*	27.8	*	*	29.0

**Nativity Table 7: Minnesota Teen Birth and Pregnancy Rates
By State, County and Community Health Board (CHB), 2009-2011**

updated teen pregnancy rates on 3/6/2014

State/County/CHB	Teen Birth Rates			Teen Pregnancy Rates		
	15-17 Years	18-19 Years	15-19 Years	15-17 Years	18-19 Years	15-19 Years
Nicollet	*	15.4	12.2	*	19.0	16.0
Nobles	26.6	115.1	58.2	27.4	119.2	60.2
Norman	*	*	*	*	*	*
Olmsted	10.2	44.7	22.4	13.3	61.4	30.2
Otter Tail	6.0	44.0	19.3	6.3	44.0	19.5
Pennington	*	51.8	29.0	*	53.8	30.6
Pine	13.2	84.4	37.3	15.0	96.1	42.4
Pipestone	*	69.8	28.5	*	73.0	29.6
Polk	15.7	45.0	28.1	15.7	45.7	28.4
Pope	*	*	*	*	*	*
Ramsey	17.4	50.8	33.0	24.3	69.5	45.4
Red Lake	*	*	*	*	*	*
Redwood	*	81.5	34.3	*	95.4	39.5
Renville	*	80.2	36.2	*	90.2	39.6
Rice	10.5	21.9	16.8	14.1	26.7	21.1
Rock	*	*	*	*	*	*
Roseau	*	68.6	25.2	*	70.6	25.8
St. Louis	9.0	26.3	18.7	14.2	36.8	26.8
Scott	6.4	29.2	13.4	8.7	42.3	19.1
Sherburne	5.6	41.9	17.1	8.5	54.8	23.3
Sibley	*	61.6	25.2	*	63.7	26.6
Stearns	9.4	18.9	14.9	11.6	25.3	19.5
Steele	10.0	67.1	29.6	12.5	80.7	35.9
Stevens	*	*	*	*	*	*
Swift	*	63.1	25.4	*	72.1	29.6
Todd	*	64.5	26.0	*	70.7	28.5
Traverse	*	*	*	*	*	*
Wabasha	*	43.9	20.5	*	57.1	27.2
Wadena	*	87.5	37.0	*	89.7	39.4
Waseca	*	57.3	26.1	*	59.0	27.3
Washington	4.4	26.6	11.5	7.8	40.5	18.3
Watonwan	26.0	83.3	45.5	28.6	90.9	49.8
Wilkin	*	*	*	*	*	*
Winona	9.0	8.6	8.8	11.0	12.3	11.9
Wright	6.4	38.7	16.7	8.5	49.5	21.6
Yellow Medicine	*	61.0	27.1	*	64.0	28.1
CHB - Aitkin, Itasca,	9.8	62.6	28.2	12.8	75.2	34.6
CHB - Beltrami, Clearwater, Hubbard,	24.2	74.3	46.7	27.1	78.4	50.2
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	7.7	69.5	29.4	9.1	72.9	31.5
CHB - Brown, Nicollet	7.4	21.0	14.8	10.8	25.8	19.0
CHB - Carlton, Cook, Lake, St. Louis	9.0	31.3	20.7	13.8	42.1	28.6

**Nativity Table 8: Socio-Demographic Factors Related to Birth Outcomes in Minnesota
By State, County and Community Health Board (CHB), 2011**

State/County/CHB	Percent - Births to Unmarried Mothers	Percent - No Father on Birth Certificate	Percent - Mothers Smoked during Pregnancy	Percent - Maternal Education Status		
				Low	Medium	High
State of Minnesota	32.8	14.8	14.2	9.6	19.5	70.9
Aitkin	41.8	20.5	32.8	7.5	31.7	60.8
Anoka	29.1	10.1	15.2	6.3	18.4	75.3
Becker	43.4	23.6	28.4	11.8	30.7	57.5
Beltrami	58.5	36.9	34.3	14.4	38.9	46.7
Benton	36.3	13.2	20.8	5.1	22.2	72.7
Big Stone	33.9	3.4	15.3	8.6	36.2	55.2
Blue Earth	29.3	9.8	17.0	4.5	14.6	80.8
Brown	34.6	8.4	23.8	4.9	18.7	76.3
Carlton	39.2	15.1	24.6	5.8	21.7	72.5
Carver	16.2	6.3	7.8	4.1	11.1	84.8
Cass	57.3	33.0	34.5	11.6	37.1	51.3
Chippewa	36.1	16.8	16.9	10.7	24.0	65.3
Chisago	31.2	13.2	22.6	6.0	20.5	73.5
Clay	26.9	6.7	18.3	8.5	14.8	76.7
Clearwater	36.6	25.0	29.1	22.5	27.0	50.5
Cook	20.0	11.7	15.0	10.0	20.0	70.0
Cottonwood	40.1	16.6	21.2	16.9	30.5	52.6
Crow Wing	36.7	11.5	26.9	6.5	20.2	73.3
Dakota	27.8	14.8	8.7	6.7	17.7	75.6
Dodge	26.9	8.3	14.4	5.7	22.8	71.5
Douglas	29.5	14.9	16.2	2.8	22.6	74.6
Faribault	42.6	16.9	25.5	10.1	26.1	63.8
Fillmore	27.1	9.8	14.5	22.1	16.2	61.7
Freeborn	47.6	16.1	23.3	13.5	33.4	53.1
Goodhue	31.9	14.5	17.6	6.3	20.9	72.8
Grant	24.6	12.3	9.2	7.7	15.4	76.9
Hennepin	33.2	16.9	8.6	12.3	16.5	71.2
Houston	25.4	10.4	16.7	0.6	20.0	79.4
Hubbard	38.0	23.1	24.2	9.0	25.1	65.9
Isanti	39.1	11.1	26.8	8.0	24.5	67.5
Itasca	38.2	20.4	26.4	8.2	26.3	65.5
Jackson	33.3	13.7	22.5	5.9	24.8	69.3
Kanabec	40.1	19.7	26.1	6.4	27.1	66.4
Kandiyohi	37.5	12.5	10.7	18.4	22.2	59.3
Kittson	23.4	6.4	21.3	0.0	34.8	65.2
Koochiching	42.1	19.8	26.4	7.2	36.8	56.0
Lac Qui Parle	26.9	12.8	28.6	11.5	23.1	65.4
Lake	31.5	8.1	20.0	4.7	28.0	67.3
Lake of the Woods	30.0	7.5	20.0	5.1	25.6	69.2
Le Sueur	31.6	11.3	20.3	7.7	23.6	68.7
Lincoln	11.8	2.6	15.8	3.9	10.5	85.5
Lyon	31.9	16.9	12.6	12.4	20.8	66.8
McLeod	26.8	10.5	16.6	5.6	22.8	71.6
Mahnomen	78.6	50.0	51.8	23.4	38.3	38.3
Marshall	27.6	8.2	23.7	5.1	26.5	68.4
Martin	38.1	20.4	21.9	11.2	27.2	61.7
Meeker	23.2	7.0	21.6	6.3	27.0	66.7
Mille Lacs	44.9	16.6	35.3	10.4	28.3	61.3
Morrison	32.3	11.5	20.6	5.1	27.2	67.7

**Nativity Table 8: Socio-Demographic Factors Related to Birth Outcomes in Minnesota
By State, County and Community Health Board (CHB), 2011**

State/County/CHB	Percent - Births to Unmarried Mothers	Percent - No Father on Birth Certificate	Percent - Mothers Smoked during Pregnancy	Percent - Maternal Education Status		
				Low	Medium	High
Mower	43.5	16.9	22.4	20.9	24.7	54.3
Murray	33.3	17.8	24.4	5.6	25.8	68.5
Nicollet	28.3	9.1	14.1	7.7	14.2	78.1
Nobles	46.7	14.2	10.9	39.4	25.1	35.4
Norman	46.3	11.1	30.2	15.1	15.1	69.8
Olmsted	27.3	12.4	10.0	8.9	15.8	75.3
Otter Tail	29.1	14.6	12.5	7.0	23.1	69.9
Pennington	43.7	17.9	24.3	5.9	31.4	62.7
Pine	43.8	19.4	33.0	10.6	29.7	59.7
Pipestone	25.7	12.8	22.2	7.5	36.8	55.7
Polk	34.8	9.3	16.8	10.3	23.6	66.2
Pope	33.1	15.7	18.1	4.8	21.0	74.2
Ramsey	42.3	20.6	11.8	14.9	22.2	62.9
Red Lake	39.6	18.9	26.9	1.9	23.1	75.0
Redwood	42.1	19.0	24.2	10.5	23.7	65.8
Renville	38.1	12.7	26.5	11.2	28.7	60.1
Rice	36.4	15.0	14.0	15.1	24.7	60.2
Rock	26.2	8.4	15.1	2.9	26.0	71.2
Roseau	35.8	10.6	24.2	4.5	28.8	66.7
St. Louis	38.5	18.3	26.4	6.8	19.9	73.3
Scott	20.7	9.4	7.5	3.8	14.4	81.8
Sherburne	24.7	8.1	16.1	3.4	17.7	78.9
Sibley	32.0	9.8	17.0	14.5	17.1	68.4
Stearns	28.7	9.5	12.3	9.8	18.4	71.8
Steele	32.7	19.6	16.5	11.1	21.0	67.9
Stevens	20.2	9.6	14.9	6.1	15.8	78.1
Swift	42.5	19.8	21.7	5.7	29.2	65.1
Todd	29.2	11.6	18.2	24.4	25.6	50.0
Traverse	41.9	9.3	39.5	7.0	32.6	60.5
Wabasha	30.5	10.4	14.6	5.7	19.9	74.4
Wadena	36.9	14.4	25.1	7.6	33.0	59.5
Waseca	38.0	22.6	30.3	5.9	22.1	72.1
Washington	25.0	9.7	10.4	2.5	15.3	82.2
Watonwan	41.6	16.8	14.8	22.1	23.4	54.5
Wilkin	31.4	12.9	24.3	5.7	22.9	71.4
Winona	34.0	15.0	18.4	10.6	17.2	72.2
Wright	19.7	5.8	15.1	3.6	15.2	81.2
Yellow Medicine	37.2	16.5	19.8	7.6	30.3	62.2
CHB - Aitkin, Itasca, Koochiching	39.4	20.3	27.4	7.9	29.0	63.1
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	51.2	31.9	31.3	13.8	34.4	51.8
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	36.0	15.2	20.1	8.8	27.8	63.4
CHB - Brown, Nicollet	30.9	8.8	18.1	6.6	16.0	77.4
CHB - Carlton, Cook, Lake, St. Louis	37.9	17.2	25.6	6.6	20.5	72.9

**Nativity Table 9: Race and Ethnicity of Mother in Minnesota
By State, County and Community Health Board (CHB), 2011**

State/County/CHB	Race of Mother - Number					Hispanic (any race)
	White	African American	American Indian	Asian	Unknown / Other	
State of Minnesota	52,253	6,553	1,447	5,000	3,163	4,615
Aitkin	112	2	6	1	1	3
Anoka	3,313	317	29	290	120	166
Becker	315	5	70	1	8	7
Beltrami	412	6	300	2	11	9
Benton	518	29	1	4	1	6
Big Stone	58	0	1	0	0	3
Blue Earth	703	41	4	9	18	22
Brown	277	0	1	2	6	21
Carlton	351	4	43	0	0	4
Carver	927	23	1	44	40	47
Cass	235	3	109	1	3	5
Chippewa	131	1	2	10	11	18
Chisago	530	3	3	11	7	7
Clay	661	16	36	9	28	40
Clearwater	98	0	13	0	1	0
Cook	55	0	4	0	1	4
Cottonwood	124	1	1	10	21	31
Crow Wing	725	4	16	5	4	12
Dakota	3,964	472	24	333	310	404
Dodge	255	1	0	6	2	13
Douglas	376	2	3	5	4	6
Faribault	133	1	1	1	6	8
Fillmore	252	1	1	1	1	2
Freeborn	283	4	0	6	37	50
Goodhue	536	10	10	4	18	22
Grant	62	0	0	1	2	2
Hennepin	9,607	3,251	244	1,617	1,224	1,542
Houston	180	1	0	1	0	1
Hubbard	206	1	10	1	3	5
Isanti	455	1	3	5	6	6
Itasca	437	2	50	3	3	5
Jackson	95	0	2	3	2	4
Kanabec	139	1	2	0	0	3
Kandiyohi	495	53	2	4	7	114
Kittson	43	0	0	0	4	0
Koochiching	113	1	9	1	2	2
Lac Qui Parle	72	2	1	1	2	4
Lake	109	0	1	1	0	0
Lake of the Woods	37	0	0	3	0	1
Le Sueur	325	2	2	2	23	27
Lincoln	76	0	0	0	0	1
Lyon	291	19	0	29	34	42
McLeod	376	3	1	4	26	31
Mahnomen	35	0	75	1	1	1
Marshall	92	0	0	2	4	6
Martin	198	1	0	3	9	18
Meeker	284	0	0	0	1	11
Mille Lacs	275	1	43	1	5	7
Morrison	364	5	2	0	4	5
Mower	397	29	3	21	60	109

**Nativity Table 9: Race and Ethnicity of Mother in Minnesota
By State, County and Community Health Board (CHB), 2011**

State/County/CHB	Race of Mother - Number					Hispanic (any race)
	White	African American	American Indian	Asian	Unknown / Other	
Murray	87	0	0	0	3	4
Nicollet	368	19	1	6	24	30
Nobles	237	23	4	31	56	154
Norman	46	1	0	0	7	7
Olmsted	1,792	198	1	181	45	129
Otter Tail	547	14	4	10	22	25
Pennington	177	4	4	3	2	16
Pine	288	0	18	1	2	8
Pipestone	96	3	1	2	7	9
Polk	357	8	6	5	21	25
Pope	124	1	1	1	0	2
Ramsey	3,921	1,391	91	1,724	429	634
Red Lake	51	0	1	0	0	3
Redwood	162	2	12	15	4	6
Renville	171	0	4	5	9	18
Rice	602	53	0	13	65	95
Rock	103	2	0	0	2	2
Roseau	168	0	4	6	1	2
St. Louis	1,876	46	93	29	19	34
Scott	1,584	82	22	146	65	83
Sherburne	1,134	15	2	16	12	19
Sibley	167	2	0	2	23	28
Stearns	1,659	163	7	38	60	91
Steele	388	33	1	14	44	53
Stevens	102	0	2	2	8	9
Swift	101	0	1	3	1	10
Todd	299	1	5	4	9	32
Traverse	35	0	7	1	0	0
Wabasha	240	0	0	2	7	7
Wadena	180	0	3	2	2	4
Waseca	194	3	1	1	9	10
Washington	2,378	134	9	243	54	91
Watonwan	116	1	0	0	32	49
Wilkin	68	0	0	0	2	2
Winona	422	10	1	12	9	23
Wright	1,793	20	7	23	18	35
Yellow Medicine	110	1	5	0	5	8
CHB - Aitkin, Itasca, Koochiching	662	5	65	5	6	10
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	753	7	323	6	15	15
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	472	4	10	14	19	43
CHB - Brown, Nicollet	645	19	2	8	30	51
CHB - Carlton, Cook, Lake, St. Louis	2,391	50	141	30	20	42

Section C: Mortality

Tables

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, 2011**

State/County/CHB	Deaths	Crude Death Rate	Age Adjusted Death Rate	Premature Deaths (Under 75 years)	
				Deaths	Age Adj. Rate*
State of Minnesota	39,799	744.6	704.3	14,760	268.6
Aitkin	231	1,424.2	799.4	90	354.0
Anoka	1,817	545.4	664.8	895	267.3
Becker	323	985.4	751.8	131	336.1
Beltrami	402	888.1	858.6	173	389.0
Benton	323	835.3	835.8	103	288.5
Big Stone	88	1,680.0	819.0	16	*
Blue Earth	489	759.5	762.9	156	278.2
Brown	298	1,158.0	735.5	77	267.9
Carlton	338	953.3	794.2	114	294.3
Carver	419	452.3	612.8	160	196.2
Cass	309	1,088.4	757.3	152	386.7
Chippewa	144	1,168.9	784.3	50	376.6
Chisago	366	678.8	700.7	147	263.2
Clay	455	760.8	766.6	179	339.2
Clearwater	88	1,003.0	710.6	33	302.2
Cook	40	766.6	576.3	12	*
Cottonwood	142	1,215.1	730.0	43	316.8
Crow Wing	612	975.1	715.2	227	295.1
Dakota	2,241	557.5	654.0	948	239.5
Dodge	122	602.7	599.4	40	201.9
Douglas	363	1,003.5	674.0	104	234.4
Faribault	201	1,385.4	805.9	52	293.8
Fillmore	232	1,111.3	702.8	44	189.2
Freeborn	363	1,164.5	747.3	116	303.1
Goodhue	478	1,034.3	763.3	137	256.6
Grant	69	1,152.1	661.1	17	*
Hennepin	7,814	668.8	692.6	2,967	259.1
Houston	175	925.1	630.5	47	206.6
Hubbard	181	891.5	606.5	72	266.4
Isanti	270	705.3	703.6	114	272.8
Itasca	511	1,134.7	795.1	202	343.4
Jackson	113	1,107.6	719.4	34	311.8
Kanabec	143	884.4	721.0	66	336.5
Kandiyohi	379	898.7	698.4	121	271.1
Kittson	53	1,173.9	614.5	10	*
Koochiching	151	1,142.8	800.6	61	382.9
Lac Qui Parle	100	1,390.2	730.6	24	261.6
Lake	116	1,071.7	661.0	40	307.9
Lake of the Woods	60	1,497.4	1007.6	22	388.7
Le Sueur	185	668.9	600.0	71	227.9
Lincoln	79	1,357.4	690.2	19	*
Lyon	203	784.1	683.1	64	264.2
McLeod	313	859.1	693.7	104	262.0
Mahnomen	53	971.4	857.3	32	568.3
Marshall	85	896.5	612.9	34	302.7

**Mortality Table 1: Summary of Deaths to Minnesota Residents
by State and County, 2011**

State/County/CHB	Deaths	Crude Death Rate	Age Adjusted Death Rate	Premature Deaths (Under 75 years)	
				Deaths	Age Adj. Rate*
State of Minnesota	39,799	744.6	704.3	14,760	268.6
Martin	246	1,189.0	696.1	72	275.6
Meeker	211	906.9	687.0	69	261.9
Mille Lacs	276	1,062.4	860.9	87	311.1
Morrison	285	857.7	678.9	100	279.0
Mower	384	975.9	680.8	99	248.2
Murray	108	1,251.4	733.1	30	299.9
Nicollet	190	578.9	585.0	70	217.6
Nobles	163	761.8	592.2	49	222.6
Norman	80	1,164.7	736.6	30	386.4
Olmsted	914	627.0	602.7	351	238.9
Otter Tail	690	1,205.2	767.6	220	306.2
Pennington	159	1,129.9	887.6	53	342.2
Pine	241	814.1	669.5	104	296.7
Pipestone	99	1,042.0	622.7	19	*
Polk	369	1,173.1	907.0	131	392.8
Pope	143	1,312.6	825.0	43	329.1
Ramsey	3,890	755.8	746.1	1,477	295.8
Red Lake	51	1,242.4	973.2	18	*
Redwood	192	1,202.1	764.6	53	283.0
Renville	190	1,225.8	819.7	68	392.8
Rice	458	711.1	708.0	158	255.8
Rock	118	1,227.4	776.3	27	254.8
Roseau	154	991.0	848.5	45	258.4
St. Louis	2,080	1,038.7	818.7	758	339.1
Scott	608	458.7	699.8	263	228.6
Sherburne	468	524.0	729.3	210	270.0
Sibley	151	995.5	754.6	47	284.8
Stearns	984	650.2	646.0	382	265.5
Steele	278	760.9	641.3	86	225.4
Stevens	78	805.4	583.9	18	*
Swift	116	1,203.3	753.1	35	324.2
Todd	187	752.9	594.8	83	294.0
Traverse	54	1,532.8	732.9	15	*
Wabasha	173	800.9	615.4	69	274.1
Wadena	177	1,287.4	765.5	43	260.9
Waseca	171	887.3	731.0	54	277.7
Washington	1,335	553.3	644.0	494	201.9
Watonwan	110	982.1	632.3	27	216.1
Wilkin	73	1,107.4	765.4	20	276.8
Winona	381	741.6	686.2	130	261.4
Wright	683	540.2	677.7	284	241.0
Yellow Medicine	139	1,348.6	891.0	45	401.9
CHB - Aitkin, Itasca, Koochiching	893	1,199.2	795.0	353	350.8

**Mortality Table 1: Summary of Deaths to Minnesota Residents
by State and County, 2011**

State/County/CHB	Deaths	Crude Death Rate	Age Adjusted Death Rate	Premature Deaths (Under 75 years)	
				Deaths	Age Adj. Rate*
State of Minnesota	39,799	744.6	704.3	14,760	268.6
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	731	933.0	771.8	300	342.9
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow	587	1,313.3	801.6	170	339.0
CHB - Brown, Nicollet	488	833.4	667.1	147	240.0
CHB - Carlton, Cook, Lake, St. Louis	2,574	1,022.4	797.0	924	324.9
CHB - Cottonwood, Jackson	255	1,165.0	725.9	77	315.2
CHB - Clay, Wilkin	528	795.2	767.7	199	331.5
CHB - Douglas, Grant, Pope, Stevens, Traverse	707	1,067.0	688.8	197	250.4
CHB - Dodge, Steele	400	704.5	627.8	126	217.6
CHB - Fillmore, Houston	407	1,022.8	670.7	91	197.5
CHB - Faribault, Martin	447	1,270.0	741.5	124	283.0
CHB - Isanti, Mille Lacs	546	849.6	776.0	201	286.8
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	502	1,052.1	786.5	160	293.6
CHB - Kanabec, Pine	384	838.9	688.1	170	311.2
CHB - Kandiyohi, Renville	569	986.6	731.6	189	304.0
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	799	1,059.3	716.9	212	265.0
CHB - LeSueur, Waseca	356	758.6	657.1	125	247.6
CHB - Meeker, McLeod, Sibley	675	901.6	703.7	220	266.1
CHB - Mahnommen, Norman, Polk	502	1,146.6	868.6	193	411.5
CHB - Morrison, Todd, Wadena	649	903.7	676.2	226	281.6

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 INTRO

*Rates not calculated for fewer than 20 deaths.

**Mortality Table 2: Minnesota Number of Deaths by Age Group
by State and County, 2011**

State/County/CHB	Age Group							
	0-4	5-14	15-24	25-44	45-54	55-64	65-74	75+
State of Minnesota	395	89	379	1,329	2,413	4,340	5,815	25,039
Aitkin	1	0	0	6	9	22	52	141
Anoka	23	6	25	76	156	255	354	922
Becker	5	0	3	8	18	44	53	192
Beltrami	10	2	7	21	22	47	64	229
Benton	4	1	2	11	17	28	40	220
Big Stone	0	0	0	2	2	4	8	72
Blue Earth	7	0	6	11	11	52	69	333
Brown	2	1	1	6	15	26	26	221
Carlton	3	0	9	5	24	30	43	224
Carver	7	2	3	16	26	45	61	259
Cass	3	0	3	9	30	35	72	157
Chippewa	3	0	1	6	7	13	20	94
Chisago	9	0	4	11	24	35	64	219
Clay	4	2	6	20	29	49	69	276
Clearwater	0	0	1	1	2	13	16	55
Cook	0	0	0	4	1	4	3	28
Cottonwood	0	0	1	3	8	12	19	99
Crow Wing	7	0	2	19	34	60	105	385
Dakota	20	7	26	104	166	275	350	1,293
Dodge	1	1	3	5	2	14	14	82
Douglas	0	0	2	9	15	27	51	259
Faribault	1	0	0	4	9	12	26	149
Fillmore	1	0	1	5	7	14	16	188
Freeborn	3	1	3	4	15	36	54	247
Goodhue	2	1	5	6	25	38	60	341
Grant	0	0	0	1	3	4	9	52
Hennepin	91	20	69	282	500	983	1,022	4,847
Houston	0	2	1	1	7	17	19	128
Hubbard	1	0	2	4	15	21	29	109
Isanti	1	0	0	7	16	39	51	156
Itasca	4	0	1	10	23	65	99	309
Jackson	1	0	0	6	3	12	12	79
Kanabec	0	2	2	4	12	17	29	77
Kandiyohi	2	0	5	17	18	32	47	258
Kittson	0	0	0	0	0	3	7	43
Koochiching	1	1	0	7	9	16	27	90
Lac Qui Parle	1	0	0	1	2	10	10	76
Lake	1	0	2	4	13	6	14	76
Lake of the Woods	0	1	1	0	3	4	13	38
Le Sueur	1	0	2	3	12	21	32	114
Lincoln	0	0	0	0	4	6	9	60
Lyon	6	3	3	10	10	13	19	139
McLeod	2	1	2	8	13	28	50	209
Mahnomen	1	1	1	4	2	11	12	21
Marshall	1	0	0	3	7	6	17	51
Martin	0	0	1	1	15	20	35	174
Meeker	0	0	3	5	16	19	26	142

**Mortality Table 2: Minnesota Number of Deaths by Age Group
by State and County, 2011**

State/County/CHB	Age Group							
	0-4	5-14	15-24	25-44	45-54	55-64	65-74	75+
State of Minnesota	395	89	379	1,329	2,413	4,340	5,815	25,039
Mille Lacs	1	1	3	12	15	20	35	189
Morrison	4	4	4	10	18	27	33	185
Mower	2	0	2	10	17	26	42	285
Murray	0	0	0	5	3	6	16	78
Nicollet	2	0	2	6	16	18	26	120
Nobles	0	0	2	3	8	13	23	114
Norman	0	0	3	2	2	9	14	50
Olmsted	18	3	11	30	54	86	149	563
Otter Tail	2	2	8	14	35	63	96	470
Pennington	1	0	2	2	11	16	21	106
Pine	4	2	0	10	16	27	45	137
Pipestone	0	0	1	3	6	2	7	80
Polk	2	1	5	14	15	34	60	238
Pope	2	0	1	4	6	11	19	100
Ramsey	55	5	39	134	270	455	519	2,413
Red Lake	0	0	1	3	1	5	8	33
Redwood	0	0	3	1	4	20	25	139
Renville	1	1	4	6	10	25	21	122
Rice	2	0	4	23	16	38	75	300
Rock	0	0	0	2	3	7	15	91
Roseau	0	0	0	4	8	15	18	109
St. Louis	11	4	15	60	113	249	306	1,322
Scott	9	1	6	34	50	65	98	345
Sherburne	5	0	6	17	37	61	84	258
Sibley	0	1	0	4	8	9	25	104
Stearns	12	3	6	31	71	107	152	602
Steele	1	1	2	8	17	26	31	192
Stevens	0	0	0	2	4	4	8	60
Swift	0	0	2	3	4	12	14	81
Todd	3	0	3	9	13	23	32	104
Traverse	0	0	0	0	3	5	7	39
Wabasha	1	0	3	7	8	16	34	104
Wadena	0	0	1	3	10	7	22	134
Waseca	3	1	3	4	6	9	28	117
Washington	10	3	15	50	79	137	200	841
Watonwan	1	0	1	1	3	9	12	83
Wilkin	0	0	0	3	1	4	12	53
Winona	4	0	3	11	17	41	54	251
Wright	8	1	5	29	52	80	109	399
Yellow Medicine	0	0	4	5	4	10	22	94
CHB - Aitkin, Itasca, Koochiching	6	1	1	23	41	103	178	540
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	11	3	11	26	42	85	122	431
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow	4	0	7	17	19	49	74	417

**Mortality Table 2: Minnesota Number of Deaths by Age Group
by State and County, 2011**

State/County/CHB	Age Group							
	0-4	5-14	15-24	25-44	45-54	55-64	65-74	75+
State of Minnesota	395	89	379	1,329	2,413	4,340	5,815	25,039
CHB - Brown, Nicollet	4	1	3	12	31	44	52	341
CHB - Carlton, Cook, Lake, St. Louis	15	4	26	73	151	289	366	1,650
CHB - Cottonwood, Jackson	1	0	1	9	11	24	31	178
CHB - Clay, Wilkin	4	2	6	23	30	53	81	329
CHB - Douglas, Grant, Pope, Stevens, Traverse	2	0	3	16	31	51	94	510
CHB - Dodge, Steele	2	2	5	13	19	40	45	274
CHB - Fillmore, Houston	1	2	2	6	14	31	35	316
CHB - Faribault, Martin	1	0	1	5	24	32	61	323
CHB - Isanti, Mille Lacs	2	1	3	19	31	59	86	345
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	2	0	3	12	27	45	71	342
CHB - Kanabec, Pine	4	4	2	14	28	44	74	214
CHB - Kandiyohi, Renville	3	1	9	23	28	57	68	380
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	6	3	7	21	30	54	91	587
CHB - LeSueur, Waseca	4	1	5	7	18	30	60	231
CHB - Meeker, McLeod, Sibley	2	2	5	17	37	56	101	455
CHB - Mahnomon, Norman, Polk	3	2	9	20	19	54	86	309
CHB - Morrison, Todd, Wadena	7	4	8	22	41	57	87	423

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 INTRO

Mortality Table 3: Minnesota Age-Specific Death Rate per 100,000 population in that Age Group by State and County, 2011

State/County/CHB	Age Group							
	0-4	5-14	15-24	25-44	45-54	55-64	65-74	75+
State of Minnesota	112.1	12.6	52.6	94.9	301.7	656.4	1,582.7	7,488.5
Aitkin	*	*	*	*	*	751.9	1,943.9	7,734.5
Anoka	105.0	*	59.5	83.3	278.4	631.6	1,731.1	6,853.5
Becker	*	*	*	*	*	885.8	1,693.8	7,223.5
Beltrami	*	*	*	206.1	380.7	839.7	2,006.9	8,169.8
Benton	*	*	*	*	*	671.6	1,792.1	9,357.7
Big Stone	*	*	*	*	*	*	*	9,587.2
Blue Earth	*	*	*	*	*	765.8	1,861.8	8,308.4
Brown	*	*	*	*	*	747.3	1,187.2	8,016.0
Carlton	*	*	*	*	427.2	624.1	1,582.6	8,579.1
Carver	*	*	*	*	160.6	458.1	1,388.9	7,099.8
Cass	*	*	*	*	703.6	751.6	1,898.2	6,528.1
Chippewa	*	*	*	*	*	*	1,888.6	7,132.0
Chisago	*	*	*	*	256.4	548.8	1,702.1	7,512.9
Clay	*	*	*	137.2	393.8	779.1	2,025.8	7,421.3
Clearwater	*	*	*	*	*	*	*	7,069.4
Cook	*	*	*	*	*	*	*	6,222.2
Cottonwood	*	*	*	*	*	*	*	7,163.5
Crow Wing	*	*	*	*	372.2	670.2	1,590.7	7,255.9
Dakota	72.8	*	53.0	93.7	251.3	570.5	1,472.9	7,107.1
Dodge	*	*	*	*	*	*	*	6,788.1
Douglas	*	*	*	*	*	539.8	1,345.3	7,518.1
Faribault	*	*	*	*	*	*	1,786.9	8,780.2
Fillmore	*	*	*	*	*	*	*	8,699.7
Freeborn	*	*	*	*	*	829.5	1,744.2	7,663.7
Goodhue	*	*	*	*	339.0	591.4	1,547.2	8,652.6
Grant	*	*	*	*	*	*	*	7,514.5
Hennepin	117.4	13.9	44.9	81.0	293.7	697.9	1,470.0	7,441.4
Houston	*	*	*	*	*	*	*	7,231.6
Hubbard	*	*	*	*	*	634.6	1,158.6	5,901.5
Isanti	*	*	*	*	*	857.5	1,795.1	7,410.9
Itasca	*	*	*	*	341.2	868.6	2,105.5	7,828.7
Jackson	*	*	*	*	*	*	*	7,066.2
Kanabec	*	*	*	*	*	*	1,866.2	6,707.3
Kandiyohi	*	*	*	*	*	561.9	1,358.8	7,352.5
Kittson	*	*	*	*	*	*	*	7,747.7
Koochiching	*	*	*	*	*	*	2,017.9	7,305.2
Lac Qui Parle	*	*	*	*	*	*	*	8,033.8
Lake	*	*	*	*	*	*	*	6,158.8
Lake of the Woods	*	*	*	*	*	*	*	10,644.3
Le Sueur	*	*	*	*	*	571.1	1,459.9	6,393.7
Lincoln	*	*	*	*	*	*	*	7,566.2
Lyon	*	*	*	*	*	*	*	7,205.8
McLeod	*	*	*	*	*	634.9	1,703.6	7,414.0
Mahnomen	*	*	*	*	*	*	*	5,357.1
Marshall	*	*	*	*	*	*	*	5,442.9
Martin	*	*	*	*	*	644.1	1,823.9	7,244.0
Meeker	*	*	*	*	*	*	1,303.9	7,304.5

Mortality Table 3: Minnesota Age-Specific Death Rate per 100,000 population in that Age Group by State and County, 2011

State/County/CHB	Age Group							
	0-4	5-14	15-24	25-44	45-54	55-64	65-74	75+
State of Minnesota	112.1	12.6	52.6	94.9	301.7	656.4	1,582.7	7,488.5
Mille Lacs	*	*	*	*	*	637.8	1,559.0	9,421.7
Morrison	*	*	*	*	*	605.1	1,199.6	6,905.6
Mower	*	*	*	*	*	537.3	1,471.6	7,416.1
Murray	*	*	*	*	*	*	*	7,478.4
Nicollet	*	*	*	*	*	*	1,232.8	6,305.8
Nobles	*	*	*	*	*	*	1,444.7	6,347.4
Norman	*	*	*	*	*	*	*	6,188.1
Olmsted	*	*	*	74.5	245.2	510.2	1,506.6	6,266.0
Otter Tail	*	*	*	*	396.5	719.3	1,520.7	7,951.3
Pennington	*	*	*	*	*	*	1,865.0	9,380.5
Pine	*	*	*	*	*	669.1	1,596.9	6,474.5
Pipestone	*	*	*	*	*	*	*	7,259.5
Polk	*	*	*	*	*	817.9	2,407.7	8,913.9
Pope	*	*	*	*	*	*	*	8,547.0
Ramsey	153.2	*	48.8	94.9	389.3	736.7	1,640.3	7,758.1
Red Lake	*	*	*	*	*	*	*	9,880.2
Redwood	*	*	*	*	*	935.5	1,704.2	8,264.0
Renville	*	*	*	*	*	1,137.4	1,503.2	7,466.3
Rice	*	*	*	147.9	*	522.0	1,746.6	7,749.9
Rock	*	*	*	*	*	*	*	8,895.4
Roseau	*	*	*	*	*	*	*	10,036.8
St. Louis	*	*	*	134.7	388.2	838.1	1,901.4	8,286.3
Scott	*	*	*	84.7	235.9	516.3	1,540.2	8,036.3
Sherburne	*	*	*	*	271.7	687.9	1,895.3	7,880.3
Sibley	*	*	*	*	*	*	2,109.7	8,068.3
Stearns	*	*	*	85.1	343.1	645.2	1,579.9	6,569.9
Steele	*	*	*	*	*	572.7	1,175.6	7,116.4
Stevens	*	*	*	*	*	*	*	6,451.6
Swift	*	*	*	*	*	*	*	7,431.2
Todd	*	*	*	*	*	654.5	1,342.3	5,279.2
Traverse	*	*	*	*	*	*	*	7,090.9
Wabasha	*	*	*	*	*	*	1,669.9	5,929.3
Wadena	*	*	*	*	*	*	1,569.2	8,622.9
Waseca	*	*	*	*	*	*	2,012.9	7,789.6
Washington	*	*	*	79.4	194.7	447.1	1,298.4	7,527.1
Watonwan	*	*	*	*	*	*	*	7,112.3
Wilkin	*	*	*	*	*	*	*	8,372.8
Winona	*	*	*	*	*	661.2	1,502.1	7,300.8
Wright	*	*	*	79.6	277.0	629.3	1,496.6	7,476.1
Yellow Medicine	*	*	*	*	*	*	2,370.7	8,506.8
CHB - Aitkin, Itasca, Koochiching	*	*	*	156.8	362.0	816.6	2,042.5	7,712.1
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	*	*	*	155.5	385.0	782.0	1,737.1	7,450.3
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow	*	*	*	*	*	765.5	1,785.3	8,003.8

Mortality Table 3: Minnesota Age-Specific Death Rate per 100,000 population in that Age Group by State and County, 2011

State/County/CHB	Age Group							
	0-4	5-14	15-24	25-44	45-54	55-64	65-74	75+
State of Minnesota	112.1	12.6	52.6	94.9	301.7	656.4	1,582.7	7,488.5
CHB - Brown, Nicollet	*	*	*	*	370.9	585.6	1,209.6	7,317.6
CHB - Carlton, Cook, Lake, St. Louis	*	*	67.6	129.1	404.9	774.3	1,767.1	8,148.6
CHB - Cottonwood, Jackson	*	*	*	*	*	789.7	1,539.2	7,120.0
CHB - Clay, Wilkin	*	*	*	143.8	355.1	739.9	2,039.8	7,559.7
CHB - Douglas, Grant, Pope, Stevens, Traverse	*	*	*	*	334.0	558.1	1,428.1	7,514.4
CHB - Dodge, Steele	*	*	*	*	*	591.0	1,123.6	7,014.8
CHB - Fillmore, Houston	*	*	*	*	*	548.6	989.8	8,038.7
CHB - Faribault, Martin	*	*	*	*	455.5	614.8	1,807.9	7,880.0
CHB - Isanti, Mille Lacs	*	*	*	*	306.8	767.8	1,690.9	8,392.1
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	*	*	*	*	364.7	695.0	1,748.8	8,461.2
CHB - Kanabec, Pine	*	*	*	*	380.5	694.1	1,692.6	6,556.4
CHB - Kandiyohi, Renville	*	*	*	179.9	329.2	722.2	1,400.3	7,388.7
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	*	*	*	125.7	285.3	556.3	1,463.7	7,752.2
CHB - LeSueur, Waseca	*	*	*	*	*	485.5	1,674.6	7,032.0
CHB - Meeker, McLeod, Sibley	*	*	*	*	325.8	584.9	1,651.9	7,518.2
CHB - Mahnommen, Norman, Polk	*	*	*	210.2	*	929.0	2,382.3	7,984.5
CHB - Morrison, Todd, Wadena	*	*	*	139.9	379.1	582.0	1,330.9	6,819.3

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>

Age specific death rate - the number of deaths to a specific age group per 100,000 persons in that specific age group.

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

*Rates not calculated for fewer than 20 deaths.

Mortality Table 4: Minnesota's 15 Leading Causes of Death by Age Group by State and County, 2011

Cause	All Ages		Age Group							
	Rank	Number	0-4	5-14	15-24	25-44	45-54	55-64	65-74	75+
Alzheimer's Disease	6	1,449	0	0	0	0	4	12	61	1,372
Cancer	1	9,468	11	11	23	223	766	1,684	2,256	4,494
Cirrhosis	13	436	1	0	0	37	110	137	79	72
Chronic lower respiratory dis.	4	2,174	2	0	2	12	44	162	454	1,498
Diabetes	7	1,179	0	0	1	30	67	153	189	739
Heart Disease	2	7,234	8	3	12	127	374	693	886	5,131
Hypertension	11	489	0	0	0	4	14	40	65	366
Nephritis	8	708	1	0	0	7	19	42	97	542
Parkinsons	12	475	0	0	0	0	2	9	40	424
Pneumonia and Influenza	10	669	8	3	8	8	20	45	57	520
Pneumonitis due to solids/liquids	15	321	3	0	0	3	8	27	35	245
Septicemia	14	338	5	2	2	9	18	45	47	210
Stroke	5	2,145	4	0	0	20	67	134	246	1,674
Suicide	9	684	0	12	89	224	139	123	56	41
Unintentional Injury	3	2,309	30	25	165	377	320	257	197	938

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 15 leading causes of death for Minnesota in 2011, the causes may change from year to year and are not necessarily the 15 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
Chronic Lower Respiratory Disease	J40-J47
Cirrhosis	K70, K73-K74
Diabetes	E10-E14
Heart Disease	I00-I09, I11, I13, I20-I51
Hypertension	I10, I12
Nephritis	N00-N07, N17-N19, N25-N27
Parkinson's	G20-G21
Pneumonia & Influenza	J10-J18
Pneumonitis dues to solids and liquids	J69
Septicemia	A40-A41
Stroke [Cerebrovascular Disease]	I60-I69
Suicide	X60-X84, Y87.0
Unintentional Injury	V01-X59, Y85-Y86

*CHB - Multi-County Community Health Boards are at the end of the list.

Mortality Table 5: Minnesota Premature Deaths (Under age 75) compared to All Deaths by Number and Age Adjusted Death Rates by State and County, 2007-2011

Cause	Premature Deaths			All Deaths		
	Rank	Number	Rate	Rank	Number	Rate
Cancer	1	24,505	91.9	1	47,227	170.6
Cirrhosis	8	1,676	6.1	10	2,019	7.0
Chronic Lower Respiratory Disease	4	3,099	12.0	4	9,952	36.7
Diabetes	7	2,172	8.2	6	5,404	19.6
Heart Disease	2	10,403	39.0	2	36,587	133.7
Nephritis	9	896	3.4	7	3,993	14.7
Pneumonia and Influenza	10	624	2.4	8	3,192	11.8
Stroke	6	2,250	8.6	3	10,483	38.6
Suicide	5	2,831	11.1	9	3,034	11.2
Unintentional Injury	3	6,167	24.2	5	7,099	26.2

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

CHB - Multi-County Community Health Boards are at the end of the list.

*Rates not calculated for fewer than 20 deaths.

or #VALUE! - rank not calculated for fewer than 20 deaths

Section D: Morbidity and Utilization

Tables

Table 1: Number of Cases of Vaccine Preventable Disease

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

Table 3: Number of Cases of Sexually Transmitted Diseases

Table 4: Number of Cases of Other Reportable Diseases

Table 5: Number and Rate of Children Under 18 Arrested for Serious Crimes

Table 6: Cancer Incidence (all types combined) Age-adjusted Rates per 100,000

Table 7: Breast Cancer Incidence (females only) Age-adjusted Rates per 100,000

Table 8: Number of Cases of Cancer Diagnosed by Major Site and Sex

Table 9: Asthma Hospitalizations: Age-adjusted Rates per 10,000

Table 10: Heart Attack Hospitalizations: Age-adjusted Rates per 10,000

Table 11: COPD Hospitalizations: Age-adjusted Rates per 10,000

Table 12: Estimates of Lesiure Time Physical Inactivity, Diabetes Prevalence and Obesity

Table 13: Minnesota Women, Infants and Children (WIC) Weight Status

Table 14: Number of Births and Number and Percent Tested for Elevated Blood Lead Levels

Table 15: CO Hospitalizations and Emergency Department Visits

Table 16: Licensed and Practicing Dentists

Table 17: Uninsurance Rates for Population Under Age 65

Tables 18 and 19: Behavior Risk Factor Surveillance System Data

**Morbidity Table 1: Number of Cases of Vaccine Preventable Disease Morbidity in Minnesota
By State and County, 2011**

	Pertussis	Hepatitis A	Hepatitis B	Measles
State of Minnesota	661	29	17	26
Aitkin	0	0	0	0
Anoka	31	1	3	0
Becker	2	0	0	0
Beltrami	2	1	0	0
Benton	16	1	0	0
Big Stone	0	0	0	0
Blue Earth	4	0	0	0
Brown	0	0	0	0
Carlton	1	1	0	0
Carver	15	0	1	0
Cass	1	1	0	0
Chippewa	0	0	0	0
Chisago	3	0	0	0
Clay	2	0	0	0
Clearwater	1	0	0	0
Cook	6	0	0	0
Cottonwood	1	0	0	0
Crow Wing	6	1	0	0
Dakota	53	1	0	3
Dodge	0	0	0	0
Douglas	1	0	0	0
Faribault	0	0	0	0
Fillmore	3	0	0	0
Freeborn	0	0	0	0
Goodhue	1	0	0	0
Grant	0	0	0	0
Hennepin	163	5	6	22
Houston	10	0	0	0
Hubbard	1	0	0	0
Isanti	4	0	0	0
Itasca	2	2	0	0
Jackson	3	0	0	0
Kanabec	0	0	0	0
Kandiyohi	27	0	0	0
Kittson	0	0	0	0
Koochiching	0	1	0	0
Lac Qui Parle	0	0	0	0
Lake	1	0	0	0
Lake of the Woods	0	0	0	0
Le Sueur	0	0	0	1
Lincoln	0	0	0	0
Lyon	2	0	0	0
McLeod	0	0	0	0
Mahnomen	0	1	0	0
Marshall	1	0	0	0
Martin	0	0	0	0
Meeker	9	0	0	0
Mille Lacs	3	0	0	0
Morrison	1	0	0	0
Mower	2	0	0	0
Murray	0	0	0	0
Nicollet	2	0	0	0

**Morbidity Table 1: Number of Cases of Vaccine Preventable Disease Morbidity in Minnesota
By State and County, 2011**

	Pertussis	Hepatitis A	Hepatitis B	Measles
Nobles	1	0	0	0
Norman	0	0	0	0
Olmsted	19	0	0	0
Otter Tail	5	1	0	0
Pennington	0	0	0	0
Pine	2	1	0	0
Pipestone	0	0	0	0
Polk	0	0	0	0
Pope	0	0	0	0
Ramsey	56	2	3	0
Red Lake	2	0	0	0
Redwood	3	0	0	0
Renville	0	0	0	0
Rice	5	1	0	0
Rock	3	0	0	0
Roseau	0	0	0	0
St. Louis	31	6	1	0
Scott	9	1	0	0
Sherburne	10	0	0	0
Sibley	0	0	0	0
Stearns	43	0	0	0
Steele	0	0	0	0
Stevens	1	0	0	0
Swift	0	0	0	0
Todd	0	0	1	0
Traverse	0	0	0	0
Wabasha	0	0	0	0
Wadena	2	0	0	0
Waseca	0	0	0	0
Washington	21	0	1	0
Watonwan	1	0	0	0
Wilkin	1	0	0	0
Winona	28	1	0	0
Wright	35	0	1	0
Yellow Medicine	0	0	0	0
CHB - Aitkin, Itasca, Koochiching	2	3	0	0
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	4	1	0	0
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	0	0	0	0
CHB - Brown, Nicollet	2	0	0	0
CHB - Carlton, Cook, Lake, St. Louis	39	7	1	0
CHB - Cottonwood, Jackson	4	0	0	0
CHB - Clay, Wilkin	3	0	0	0
CHB - Douglas, Grant, Pope, Stevens, Traverse	2	0	0	0
CHB - Dodge, Steele	0	0	0	0
CHB - Fillmore, Houston	13	0	0	0
CHB - Faribault, Martin	0	0	0	0
CHB - Isanti, Mille Lacs	7	0	0	0
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	3	0	0	0
CHB - Kanabec, Pine	2	1	0	0

**Morbidity Table 1: Number of Cases of Vaccine Preventable Disease Morbidity in Minnesota
By State and County, 2011**

	Pertussis	Hepatitis A	Hepatitis B	Measles
CHB - Kandiyohi, Renville	27	0	0	0
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	8	0	0	0
CHB - LeSueur, Waseca	0	0	0	1
CHB - Meeker, McLeod, Sibley	9	0	0	0
CHB - Mahnomon, Norman, Polk	0	1	0	0
CHB - Morrison, Todd, Wadena	3	0	1	0

Source: Minnesota Department of Health - Immunization, TB & International Health Section

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

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 August, 2011, for children with two or more non-influenza shots in MIIC. Sixty days allowed for data to be in the registry.

	Percent Saturation (2+ shots in MIIC)	Percent of Children 24 - 35 Months With Recommended Immunizations by Vaccine Type							
		4+ DTaP	3+ polio	1+ MMR	Completed Hib	3+ Hep B	1+ varicella	Completed Prevnar	Vaccine Series
Minnesota	90.9	72.0	85.6	86.0	79.7	79.6	84.3	80.0	55.7
Aitkin	93.5	80.2	92.2	89.7	87.1	90.5	84.5	81.0	67.2
Anoka	95.7	70.3	82.8	86.1	80.9	79.1	84.8	78.8	55.3
Becker	95.0	73.9	92.5	89.3	81.4	86.7	86.7	85.3	58.0
Beltrami	92.7	72.7	89.5	89.2	79.5	85.4	84.8	84.7	57.5
Benton	93.9	71.5	90.5	86.7	77.3	81.4	80.4	86.1	55.3
Big Stone	98.3	89.7	96.6	94.8	89.7	96.6	93.1	94.8	84.5
Blue Earth	98.0	85.1	94.6	89.1	90.1	91.2	89.0	90.2	74.6
Brown	98.1	86.2	97.4	92.1	90.2	92.8	89.5	89.2	77.0
Carlton	96.8	70.0	89.8	85.0	78.3	84.8	84.0	84.0	58.1
Carver	92.6	79.7	89.0	88.8	85.2	79.5	87.0	87.1	60.5
Cass	92.2	61.2	81.4	84.8	74.7	82.2	76.9	72.9	46.8
Chippewa	94.5	85.5	95.7	87.7	89.1	93.5	86.2	89.1	78.3
Chisago	94.9	63.4	84.4	91.2	81.0	78.0	88.5	62.4	39.4
Clay	87.6	71.6	89.8	86.9	81.3	77.9	85.6	85.8	59.4
Clearwater	89.1	77.0	88.5	85.0	75.2	91.2	81.4	85.0	57.5
Cook	97.2	62.9	82.9	82.9	80.0	74.3	68.6	71.4	40.0
Cottonwood	85.8	69.6	85.3	89.2	67.6	86.3	75.5	77.5	52.9
Crow Wing	94.3	65.4	87.5	84.4	73.6	87.1	76.5	76.2	49.6
Dakota	88.5	71.5	84.5	84.9	80.7	77.2	83.6	78.8	53.6
Dodge	95.7	86.0	94.1	91.9	84.9	92.3	90.4	86.7	74.2
Douglas	95.6	85.7	93.5	92.7	83.5	87.8	90.5	89.5	67.0
Faribault	94.4	83.7	93.5	88.9	89.5	90.8	86.3	90.2	73.9
Fillmore	84.5	78.3	86.3	90.1	77.8	83.0	89.2	81.1	65.6
Freeborn	95.8	77.4	94.8	86.0	86.7	92.6	86.5	90.4	69.0
Goodhue	96.1	71.7	81.6	87.3	82.5	75.4	85.0	67.4	50.6
Grant	90.8	78.0	89.8	91.5	76.3	89.8	81.4	86.4	54.2
Hennepin	87.0	71.5	84.2	83.7	78.0	75.7	83.3	78.0	52.3
Houston	95.1	83.8	94.8	91.4	82.9	86.2	90.5	91.9	68.6
Hubbard	93.6	71.7	88.7	85.8	75.3	86.6	79.4	83.0	58.3
Isanti	95.7	71.9	87.8	86.5	81.2	84.6	82.5	80.8	54.9
Itasca	95.6	79.0	93.3	88.4	76.3	93.8	88.8	83.6	61.1
Jackson	91.3	70.5	93.7	89.5	74.7	91.6	83.2	81.1	51.6
Kanabec	93.9	76.3	90.1	83.6	76.3	88.8	82.2	84.2	59.9
Kandiyohi	94.7	79.4	91.9	89.5	84.6	87.9	88.8	85.9	73.3
Kittson	100.0	76.9	89.7	89.7	87.2	84.6	89.7	87.2	61.5
Koochiching	95.7	75.9	93.2	87.2	62.4	90.2	82.7	88.0	46.6
Lac Qui Parle	95.0	86.0	96.5	91.2	94.7	94.7	89.5	93.0	82.5
Lake	92.0	78.0	92.1	86.6	82.7	87.4	83.5	85.8	60.6
Lake of the Woods	96.9	70.0	83.3	83.3	73.3	86.7	80.0	66.7	56.7
LeSueur	87.4	84.8	96.3	92.2	86.3	92.6	91.9	90.0	76.3
Lincoln	95.7	87.7	96.9	89.2	86.2	86.2	86.2	83.1	67.7
Lyon	96.9	80.9	94.8	93.8	88.8	86.8	92.8	88.6	73.7
Mahnomen	97.2	76.8	85.5	93.1	87.0	84.8	92.8	87.6	63.1
Marshall	95.4	70.2	92.9	90.5	91.7	90.5	89.3	91.7	63.1
Martin	95.9	65.8	59.6	87.7	50.0	59.6	86.0	81.6	41.2
McLeod	95.2	70.6	85.1	84.2	71.9	76.5	83.7	72.9	42.5
Meeker	93.9	70.1	82.5	90.7	79.7	79.7	85.9	83.8	56.0

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 August, 2011, for children with two or more non-influenza shots in MIIC. Sixty days allowed for data to be in the registry.

	Percent Saturation (2+ shots in MIIC)	Percent of Children 24 - 35 Months With Recommended Immunizations by Vaccine Type							
		4+ DTaP	3+ polio	1+ MMR	Completed Hib	3+ Hep B	1+ varicella	Completed Prevnar	Vaccine Series
Minnesota	90.9	72.0	85.6	86.0	79.7	79.6	84.3	80.0	55.7
Mille Lacs	95.4	59.5	78.0	85.4	72.0	78.6	83.6	59.5	37.6
Morrison	95.6	79.5	92.4	88.4	84.8	86.8	85.3	83.0	65.0
Mower	97.0	71.0	82.9	84.4	81.2	77.2	84.3	82.1	58.6
Murray	89.3	81.0	98.0	93.0	86.0	86.0	88.0	86.0	67.0
Nicollet	96.8	87.6	96.4	91.0	90.7	90.7	93.6	92.4	77.1
Nobles	97.1	70.2	93.0	87.8	82.7	81.2	86.9	83.0	60.5
Norman	92.0	70.0	83.8	80.0	72.5	82.5	81.3	77.5	62.5
Olmsted	96.3	82.7	94.1	90.5	86.2	92.0	90.1	87.9	76.7
Otter Tail	93.9	58.6	79.2	84.1	79.1	82.2	71.8	82.2	37.2
Pennington	95.8	70.6	92.2	88.7	64.2	81.4	86.3	80.9	44.1
Pine	96.4	69.7	86.4	87.4	79.8	85.5	81.4	77.0	55.5
Pipestone	96.2	75.2	97.0	89.1	78.2	92.1	90.1	85.1	63.4
Polk	92.4	64.8	82.8	85.9	73.9	70.8	82.5	80.9	49.5
Pope	96.5	82.7	92.7	90.0	89.1	87.3	80.9	88.2	63.6
Ramsey	83.9	63.3	77.4	83.1	74.7	73.3	81.2	72.6	47.5
Red Lake	88.9	80.0	92.5	87.5	82.5	75.0	80.0	80.0	45.0
Redwood	97.4	87.1	97.3	94.1	91.4	90.9	92.5	88.2	80.1
Renville	95.0	83.2	93.2	94.2	89.5	89.5	94.2	85.3	74.2
Rice	95.4	76.0	91.7	86.4	83.4	89.5	84.3	88.6	65.7
Rock	94.9	87.5	95.8	94.4	79.2	97.2	93.1	90.3	66.7
Roseau	96.1	64.0	91.9	87.8	83.2	89.8	86.3	80.7	53.3
Scott	96.4	74.8	88.6	85.4	80.8	86.0	83.4	84.2	60.3
Sherburne	92.7	76.3	87.7	87.7	84.0	75.7	86.5	83.3	56.9
Sibley	94.8	70.9	86.3	88.2	81.4	80.5	85.3	77.6	53.6
St. Louis	96.4	78.4	91.3	87.6	82.1	88.1	88.1	83.9	64.2
Stearns	93.6	70.8	86.8	81.8	76.7	73.9	80.5	84.4	52.0
Steele	96.1	75.7	89.9	83.1	71.4	83.6	83.1	82.0	49.6
Stevens	95.6	86.9	96.3	95.3	95.3	95.3	93.5	95.3	83.2
Swift	98.0	89.6	99.0	93.8	95.8	94.8	96.9	96.9	86.5
Todd	83.3	63.4	77.8	82.4	68.8	72.0	76.3	78.9	46.2
Traverse	92.5	73.0	89.2	94.6	89.2	89.2	86.5	91.9	67.6
Wabasha	94.1	77.9	90.4	88.9	81.5	88.9	87.8	83.0	67.2
Wadena	91.0	62.0	76.0	82.3	66.7	76.0	76.6	78.1	47.9
Waseca	97.6	87.6	97.1	90.9	84.7	91.3	89.3	90.1	71.9
Washington	90.5	69.2	80.0	88.4	80.4	75.6	86.8	77.3	54.5
Watonwan	94.6	79.7	92.7	90.2	80.5	91.1	91.1	80.5	68.3
Wilkin	84.2	73.1	88.5	92.3	82.1	83.3	87.2	88.5	57.7
Winona	95.4	64.8	77.0	88.3	74.3	65.0	86.5	56.0	33.8
Wright	92.9	70.6	88.1	85.5	79.0	80.8	83.1	82.9	55.6
Yellow Medicine	94.9	85.4	96.9	91.5	91.5	93.8	91.5	90.8	80.8

Source: Minnesota Immunization Information Connection (MIIC), MDH

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

**Morbidity Table 3: Number of Cases of Sexually Transmitted Diseases Reported in Minnesota
By State and County, 2011**

	Chlamydia¹	Gonorrhea¹	Primary/Secondary Syphilis	Syphilis - All Stages²	HIV³
State of Minnesota	16,898	2,283	139	366	292
Aitkin	13	1	0	0	1
Anoka	1,024	93	4	14	17
Becker	42	5	0	0	0
Beltrami	141	18	0	1	0
Benton	62	4	0	0	2
Big Stone	3	0	0	0	0
Blue Earth	277	8	1	1	1
Brown	45	1	0	0	2
Carlton	88	2	0	1	0
Carver	137	5	2	3	6
Cass	65	9	0	0	1
Chippewa	16	5	0	1	2
Chisago	116	3	0	0	1
Clay	123	6	0	0	2
Clearwater	7	1	0	0	0
Cook	7	0	0	0	0
Cottonwood	15	0	0	0	0
Crow Wing	110	16	1	1	0
Dakota	1,039	104	6	14	15
Dodge	55	3	0	0	2
Douglas	45	6	0	0	1
Faribault	11	3	0	0	0
Fillmore	23	2	0	0	0
Freeborn	73	3	1	1	1
Goodhue	96	2	0	0	1
Grant	4	0	0	0	0
Hennepin	5,718	1,172	90	230	159
Houston	13	2	0	1	0
Hubbard	14	0	0	0	0
Isanti	47	4	0	0	1
Itasca	78	7	0	2	0
Jackson	9	0	0	0	0
Kanabec	23	1	0	0	0
Kandiyohi	90	4	0	0	0
Kittson	1	0	0	0	0
Koochiching	19	1	0	0	0
Lac Qui Parle	5	0	0	0	0
Lake	13	0	0	0	0
Lake of the Woods	5	0	0	0	0
Le Sueur	45	4	0	0	0
Lincoln	5	1	0	0	0
Lyon	63	3	0	0	0
McLeod	44	2	1	1	1

Morbidity Table 3: Number of Cases of Sexually Transmitted Diseases Reported in Minnesota By State and County, 2011

	Chlamydia ¹	Gonorrhea ¹	Primary/Secondary Syphilis	Syphilis - All Stages ²	HIV ³
State of Minnesota	16,898	2,283	139	366	292
Mahnomen	13	2	0	0	0
Marshall	4	0	1	1	1
Martin	32	2	0	0	0
Meeker	10	2	0	0	0
Mille Lacs	54	4	0	0	0
Morrison	43	4	0	0	0
Mower	116	17	1	2	1
Murray	6	0	0	0	0
Nicollet	28	5	0	0	1
Nobles	50	2	0	0	0
Norman	4	0	0	0	0
Olmsted	439	31	0	0	2
Otter Tail	73	4	0	1	0
Pennington	22	2	0	0	0
Pine	42	0	0	1	1
Pipestone	7	0	0	0	0
Polk	62	5	0	0	0
Pope	15	0	0	0	0
Ramsey	2,732	421	16	46	49
Red Lake	3	0	0	0	0
Redwood	16	2	0	0	0
Renville	25	4	0	1	0
Rice	86	3	0	0	1
Rock	14	0	0	0	1
Roseau	14	0	0	0	1
St. Louis	627	49	0	3	2
Scott	258	18	1	8	2
Sherburne	158	7	1	2	2
Sibley	17	1	0	0	0
Stearns	422	50	2	8	1
Steele	59	6	1	1	1
Stevens	10	1	0	0	0
Swift	9	0	0	0	0
Todd	26	0	0	0	0
Traverse	7	0	0	0	0
Wabasha	41	0	0	0	1
Wadena	13	0	0	0	0
Waseca	19	0	0	0	2
Washington	412	27	5	6	3
Watonwan	24	0	1	1	0
Wilkin	7	0	0	0	0
Winona	132	7	0	0	0
Wright	177	12	2	2	4
Yellow Medicine	13	2	0	0	0

Morbidity Table 3: Number of Cases of Sexually Transmitted Diseases Reported in Minnesota By State and County, 2011

	Chlamydia ¹	Gonorrhea ¹	Primary/Secondary Syphilis	Syphilis - All Stages ²	HIV ³
State of Minnesota	16,898	2,283	139	366	292
CHB - Aitkin, Itasca, Koochiching	110	9	0	2	1
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	167	19	0	1	0
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	46	7	0	1	2
CHB - Brown, Nicollet	73	6	0	0	3
CHB - Carlton, Cook, Lake, St. Louis	735	51	0	4	2
CHB - Cottonwood, Jackson	24	0	0	0	0
CHB - Clay, Wilkin	130	6	0	0	2
CHB - Douglas, Grant, Pope, Stevens, Traverse	81	7	0	0	1
CHB - Dodge, Steele	114	9	1	1	3
CHB - Fillmore, Houston	36	4	0	1	0
CHB - Faribault, Martin	43	5	0	0	0
CHB - Isanti, Mille Lacs	101	8	0	0	1
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	44	2	1	1	2
CHB - Kanabec, Pine	65	1	0	1	1
CHB - Kandiyohi, Renville	115	8	0	1	0
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	111	6	0	0	1
CHB - LeSueur, Waseca	64	4	0	0	2
CHB - Meeker, McLeod, Sibley	71	5	1	1	1
CHB - Mahnommen, Norman, Polk	79	7	0	0	0
CHB - Morrison, Todd, Wadena	82	4	0	0	0

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

¹ 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

²Neurosyphilis, primary, secondary, early latent, late latent, congenital and other syphilis

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

⁴ 4 cases are from an unknown county of residence.

HIV Surveillance Reports, MDH 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

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, 2011**

	Campylo- bacteriosis	Giardiasis	Lyme Disease ¹	Human Anaplasmosis ¹	West Nile ²	Salmo- nellosis	Shig- ellosis	Tuber- culosis
State of Minnesota	1,235	686	1,201	782	2	701	87	137
Aitkin	3	10	7	26	0	0	0	0
Anoka	74	21	113	35	0	34	3	3
Becker	7	1	19	17	0	1	0	1
Beltrami	3	8	41	60	0	5	1	3
Benton	24	7	5	3	0	11	1	0
Big Stone	3	0	1	0	0	2	0	0
Blue Earth	13	4	3	2	0	5	0	0
Brown	12	1	0	1	0	3	0	0
Carlton	6	5	26	21	0	5	0	0
Carver	13	4	7	3	0	17	0	1
Cass	3	4	42	61	0	1	0	0
Chippewa	3	0	1	0	0	0	0	1
Chisago	17	4	27	10	0	9	0	1
Clay	11	1	6	0	0	3	0	1
Clearwater	1	0	2	8	0	1	0	0
Cook	1	3	1	0	0	1	0	0
Cottonwood	6	0	0	0	0	1	0	0
Crow Wing	10	8	58	82	0	3	0	1
Dakota	86	24	50	24	0	56	4	2
Dodge	8	0	2	3	0	4	0	0
Douglas	7	3	3	4	0	4	0	0
Faribault	3	0	2	0	0	1	0	0
Fillmore	7	3	8	1	0	5	0	0
Freeborn	7	3	3	0	0	7	1	0
Goodhue	21	3	17	2	0	1	0	0
Grant	2	0	0	0	0	1	0	0
Hennepin	242	146	134	58	2	171	42	59
Houston	11	0	9	8	0	2	0	0
Hubbard	5	2	26	42	0	1	0	0
Isanti	19	4	15	8	0	6	0	0
Itasca	10	8	21	33	0	2	0	0
Jackson	1	0	0	0	0	0	0	0
Kanabec	6	0	5	11	0	0	0	0
Kandiyohi	12	9	5	5	0	4	0	2
Kittson	0	0	1	0	0	1	0	0
Koochiching	0	2	0	1	0	0	0	0
Lac Qui Parle	3	0	1	0	0	0	0	0
Lake	5	1	0	2	0	1	0	0
Lake of the Woods	2	1	0	0	0	3	0	0
Le Sueur	12	2	1	2	0	0	0	0
Lincoln	1	0	0	0	0	0	0	0
Lyon	1	4	0	0	0	0	1	2
McLeod	4	1	5	1	0	7	0	0

**Morbidity Table 4: Number of Cases of Other Selected Diseases Reported in Minnesota
By State and County, 2011**

	Campylo- bacteriosis	Giardiasis	Lyme Disease ¹	Human Anaplasmosis ¹	West Nile ²	Salmo- nellosis	Shig- ellosis	Tuber- culosis
State of Minnesota	1,235	686	1,201	782	2	701	87	137
Mahnomen	1	0	1	4	0	1	0	0
Marshall	0	0	4	0	0	0	0	0
Martin	3	0	0	0	0	4	0	0
Meeker	7	0	3	1	0	3	0	0
Mille Lacs	10	0	13	8	0	5	1	0
Morrison	5	1	15	19	0	5	1	0
Mower	12	5	2	0	0	2	0	2
Murray	5	1	0	0	0	1	0	0
Nicollet	4	1	3	0	0	1	0	0
Nobles	13	4	0	0	0	3	1	1
Norman	3	1	3	1	0	0	0	0
Olmsted	40	30	19	6	0	22	0	9
Otter Tail	17	4	10	6	0	7	0	1
Pennington	0	0	1	3	0	1	0	0
Pine	7	1	33	30	0	0	0	0
Pipestone	5	1	0	0	0	2	0	0
Polk	5	6	6	6	0	3	0	1
Pope	5	4	0	0	0	4	0	0
Ramsey	106	166	104	47	0	95	19	31
Red Lake	0	0	0	2	0	1	0	0
Redwood	2	0	0	0	0	2	0	0
Renville	7	1	0	0	0	2	0	0
Rice	11	7	4	1	0	10	1	1
Rock	5	1	0	0	0	1	0	0
Roseau	3	0	0	0	0	3	0	0
St. Louis	28	24	64	23	0	16	0	2
Scott	36	4	14	11	0	11	3	5
Sherburne	15	3	38	14	0	11	1	0
Sibley	5	0	0	0	0	4	0	0
Stearns	39	24	31	16	0	16	0	4
Steele	7	0	2	0	0	4	1	0
Stevens	4	3	0	0	0	1	0	0
Swift	2	1	0	0	0	0	0	0
Todd	13	1	5	9	0	5	0	0
Traverse	1	1	0	0	0	0	0	1
Wabasha	14	1	11	2	0	1	0	0
Wadena	3	0	8	7	0	3	0	0
Waseca	5	0	0	0	0	2	0	0
Washington	39	21	88	23	0	33	5	1
Watonwan	3	0	0	0	0	0	0	0
Wilkin	0	0	1	0	0	2	0	0
Winona	32	3	31	7	0	18	0	1
Wright	24	2	19	2	0	14	1	0
Yellow Medicine	4	2	1	0	0	3	0	0

**Morbidity Table 4: Number of Cases of Other Selected Diseases Reported in Minnesota
By State and County, 2011**

	Campylo- bacteriosis	Giardiasis	Lyme Disease ¹	Human Anaplasmosis ¹	West Nile ²	Salmo- nellosis	Shig- ellosis	Tuber- culosis
State of Minnesota	1,235	686	1,201	782	2	701	87	137
CHB - Aitkin, Itasca, Koochiching	13	20	28	60	0	2	0	0
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	11	11	69	110	0	10	1	3
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	15	3	4	0	0	5	0	1
CHB - Brown, Nicollet	16	2	3	1	0	4	0	0
CHB - Carlton, Cook, Lake, St. Louis	40	33	91	46	0	23	0	2
CHB - Cottonwood, Jackson	7	0	0	0	0	1	0	0
CHB - Clay, Wilkin	11	1	7	0	0	5	0	1
CHB - Douglas, Grant, Pope, Stevens, Traverse	19	11	3	4	0	10	0	1
CHB - Dodge, Steele	15	0	4	3	0	8	1	0
CHB - Fillmore, Houston	18	3	17	9	0	7	0	0
CHB - Faribault, Martin	6	0	2	0	0	5	0	0
CHB - Isanti, Mille Lacs	29	4	28	16	0	11	1	0
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	3	0	6	5	0	6	0	0
CHB - Kanabec, Pine	13	1	38	41	0	0	0	0
CHB - Kandiyohi, Renville	19	10	5	5	0	6	0	2
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	19	7	0	0	0	6	1	2
CHB - LeSueur, Waseca	17	2	1	2	0	2	0	0
CHB - Meeker, McLeod, Sibley	16	1	8	2	0	14	0	0
CHB - Mahnommen, Norman, Polk	9	7	10	11	0	4	0	1
CHB - Morrison, Todd, Wadena	21	2	28	35	0	13	1	0

Source: Minnesota Department of Health, Acute Disease Epidemiology

¹Lyme 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.

²West 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 webpage (<http://www.health.state.mn.us/divs/idepc/dtopics/vectorborne/index.html>) or call 651-201-5414.

For information on definitions, sources of information, prevention and other information about these or other reportable diseases, please contact the Acute Disease Epidemiology Section at 651/201-5414.

**Morbidity Table 5: Number and Rate of Children Under 18 Arrested for Serious Crimes
2008-2010**

	Number			Rate per 1,000 Children 10-17 yrs		
	2008	2009	2010	2008	2009	2010
State of Minnesota	11,847	11,351	9,669	21.1	20.5	16.9
Aitkin	26	5	4	18.3	*	*
Anoka	855	830	629	21.3	21.2	15.8
Becker	32	48	69	9.8	14.1	19.6
Beltrami	141	165	117	29.0	34.8	25.1
Benton	32	28	8	7.6	6.8	*
Big Stone	5	0	6	*	*	*
Blue Earth	302	303	245	61.7	63.4	47.8
Brown	13	18	13	5.1	6.8	5.0
Carlton	48	28	18	14.1	7.5	4.8
Carver	103	190	131	8.8	15.6	10.4
Cass	13	5	10	4.7	*	*
Chippewa	27	31	13	20.1	22.8	9.6
Chisago	77	98	109	12.9	15.7	16.3
Clay	66	39	56	11.7	7.0	9.5
Clearwater	13	10	10	16.0	*	*
Cook	0	0	1	*	*	*
Cottonwood	30	19	13	24.1	14.7	10.1
Crow Wing	99	121	72	16.1	19.8	11.5
Dakota	947	958	617	19.7	20.6	12.8
Dodge	3	6	7	*	*	*
Douglas	107	54	76	32.5	15.9	21.9
Faribault	17	6	28	10.8	*	18.0
Fillmore	5	2	4	*	*	*
Freeborn	72	43	44	23.9	14.2	14.4
Goodhue	84	46	45	17.3	9.0	8.9
Grant	2	0	4	*	*	*
Hennepin	3,293	3,257	2874	29.0	30.1	25.5
Houston	5	7	2	*	*	*
Hubbard	23	42	30	12.8	23.2	14.8
Isanti	53	15	12	12.5	3.2	2.7
Itasca	3	4	0	*	*	*
Jackson	2	10	0	*	*	*
Kanabec	15	21	29	8.6	11.5	16.0
Kandiyohi	142	136	108	32.6	31.2	24.2
Kittson	3	0	0	*	*	*
Koochiching	16	14	6	12.0	10.4	*
Lac Qui Parle	2	0	5	*	*	*
Lake	7	10	5	*	*	*
Lake of the Woods	1	0	0	*	*	*
Le Sueur	54	28	15	17.7	8.8	4.7
Lincoln	0	0	0	*	*	*
Lyon	54	75	76	20.3	28.7	28.1
McLeod	117	75	100	28.0	18.1	23.9

**Morbidity Table 5: Number and Rate of Children Under 18 Arrested for Serious Crimes
2008-2010**

	Number			Rate per 1,000 Children 10-17 yrs		
	2008	2009	2010	2008	2009	2010
State of Minnesota	11,847	11,351	9,669	21.1	20.5	16.9
Mahnomen	0	2	0	*	*	*
Marshall	5	6	7	*	*	*
Martin	45	34	29	21.9	15.7	13.4
Meeker	10	11	16	*	4.2	6.0
Mille Lacs	45	21	24	16.5	7.1	8.1
Morrison	13	4	2	3.6	*	*
Mower	87	98	84	21.4	24.1	19.7
Murray	0	0	0	*	*	*
Nicollet	30	20	13	9.8	6.7	4.1
Nobles	48	87	30	20.9	38.1	12.9
Norman	0	0	0	*	*	*
Olmsted	417	403	336	27.6	27.5	21.9
Otter Tail	60	48	59	10.6	8.3	10.0
Pennington	24	15	6	18.1	10.9	*
Pine	66	144	34	23.5	51.3	11.2
Pipestone	1	2	3	*	*	*
Polk	31	32	36	9.6	9.6	10.5
Pope	9	0	3	*	*	*
Ramsey	1,752	1,596	1492	32.7	32.9	29.0
Red Lake	0	1	0	*	*	*
Redwood	28	13	8	17.0	7.5	*
Renville	1	4	3	*	*	*
Rice	69	95	90	11.1	14.6	13.0
Rock	0	0	0	*	*	*
Roseau	5	15	1	*	7.5	*
St. Louis	449	396	324	25.2	22.7	18.1
Scott	157	195	153	9.7	12.0	9.0
Sherburne	130	87	108	12.3	7.7	9.4
Sibley	0	0	0	*	*	*
Stearns	481	457	433	32.8	31.0	27.9
Steele	76	70	85	18.5	16.2	19.7
Stevens	14	1	3	17.8	*	*
Swift	18	20	7	17.5	19.6	*
Todd	12	19	7	4.6	7.0	*
Traverse	0	5	3	*	*	*
Wabasha	16	12	17	6.8	5.1	7.3
Wadena	10	17	17	*	12.0	11.0
Waseca	12	18	17	5.9	8.6	8.4
Washington	412	309	279	14.6	10.8	9.2
Watonwan	16	32	15	12.2	25.4	11.4
Wilkin	11	11	9	15.8	15.2	*
Winona	83	90	63	18.8	20.8	13.7
Wright	295	213	239	20.8	14.3	15.1
Yellow Medicine	0	2	3	*	*	*

**Morbidity Table 5: Number and Rate of Children Under 18 Arrested for Serious Crimes
2008-2010**

	Number			Rate per 1,000 Children 10-17 yrs		
	2008	2009	2010	2008	2009	2010
State of Minnesota	11,847	11,351	9,669	21.1	20.5	16.9
CHB - Aitkin, Itasca, Koochiching	45	23	10	6.3	3.2	*
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	178	217	157	22.6	27.9	19.6
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	52	53	34	11.2	11.3	7.0
CHB - Brown, Nicollet	43	38	26	7.6	6.7	4.5
CHB - Carlton, Cook, Lake, St. Louis	504	434	348	22.2	19.2	15.1
CHB - Cottonwood, Jackson	32	29	13	13.9	12.1	5.5
CHB - Clay, Wilkin	77	50	65	12.2	8.0	9.7
CHB - Douglas, Grant, Pope, Stevens, Traverse	132	60	89	21.8	9.6	14.0
CHB - Dodge, Steele	79	76	92	12.2	11.1	13.1
CHB - Fillmore, Houston	10	9	6	*	*	*
CHB - Faribault, Martin	62	40	57	17.1	10.7	15.3
CHB - Isanti, Mille Lacs	98	36	36	14.0	4.7	4.8
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	37	37	14	7.2	7.0	2.6
CHB - Kanabec, Pine	81	165	63	17.8	35.6	13.0
CHB - Kandiyohi, Renville	143	140	111	23.4	22.9	17.8
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	83	90	87	10.7	11.4	10.6
CHB - LeSueur, Waseca	66	46	32	13.0	8.7	6.1
CHB - Meeker, McLeod, Sibley	127	86	116	15.2	10.2	13.5
CHB - Mahnomen, Norman, Polk	31	34	36	6.8	7.2	7.4
CHB - Morrison, Todd, Wadena	35	40	26	4.6	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. Rates are not given 10 pr less events.

Data source link:

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

**Morbidity Table 6: Cancer Incidence (all types combined) Age-adjusted Rates per 100,000
By State and County, 2005-2009**

State/County/CHB	Five-Year Total Population	New Cancers		95% Confidence Interval
		Number	Rate ¹	
Minnesota	25,942,893	127,904	474.6	472.0 - 477.3
Aitkin	79,355	701	517	475.5 - 561.8
Anoka	1,632,443	7,039	498.5	486.4 - 510.8
Becker	159,158	984	482.3	451.9 - 514.3
Beltrami	217,037	1,013	465.5	436.9 - 495.4
Benton	197,302	874	502.2	468.9 - 537.1
Big Stone	26,674	196	449.1	382.2 - 526.0
Blue Earth	299,414	1,258	454.6	429.4 - 481.0
Brown	129,407	797	467.9	434.9 - 502.9
Carlton	169,377	940	465.2	435.6 - 496.3
Carver	441,042	1,590	448.2	425.5 - 471.7
Cass	143,269	1,064	519.3	487.0 - 553.4
Chippewa	62,269	426	500.7	452.4 - 553.2
Chisago	248,852	1,161	504	475.0 - 534.4
Clay	274,511	1,179	438.2	413.2 - 464.3
Clearwater	41,153	246	446.3	390.9 - 507.9
Cook	27,054	177	442.2	375.9 - 518.5
Cottonwood	56,714	362	442.9	396.4 - 494.0
Crow Wing	307,173	1,928	476.7	455.3 - 499.0
Dakota	1,947,172	8,284	498.2	487.1 - 509.5
Dodge	97,519	480	503.9	459.4 - 551.5
Douglas	179,270	1,122	461.4	434.1 - 490.1
Faribault	74,172	555	502.1	458.9 - 548.7
Fillmore	104,830	671	481.1	444.2 - 520.5
Freeborn	156,057	970	441.8	413.6 - 471.6
Goodhue	228,023	1,279	469.7	443.8 - 496.6
Grant	29,825	224	478	413.5 - 550.9
Hennepin	5,681,118	26,138	472.7	466.9 - 478.5
Houston	97,316	586	471.6	433.3 - 512.6
Hubbard	93,377	663	480.4	443.0 - 520.5
Isanti	192,945	813	446.4	415.6 - 478.9
Itasca	221,820	1,392	454.5	430.3 - 479.8
Jackson	54,404	321	414	368.0 - 464.8
Kanabec	80,295	451	463.4	420.9 - 509.3
Kandiyohi	204,749	1,121	459.5	432.5 - 487.8
Kittson	22,614	156	470.8	392.3 - 562.0
Koochiching	66,982	448	463.5	419.9 - 510.8
Lac Qui Parle	36,289	272	457.4	400.7 - 521.4
Lake	53,754	388	472	424.6 - 524.0
Lake of the Woods	20,339	154	484.5	406.7 - 575.4
Le Sueur	138,840	727	462.1	428.7 - 497.4
Lincoln	29,162	195	426.6	363.6 - 498.6
Lyon	124,548	658	479.7	442.9 - 518.8
McLeod	184,397	967	475.8	446.0 - 507.1

**Morbidity Table 6: Cancer Incidence (all types combined) Age-adjusted Rates per 100,000
By State and County, 2005-2009**

State/County/CHB	Five-Year Total Population	New Cancers		95% Confidence Interval
		Number	Rate ¹	
Minnesota	25,942,893	127,904	474.6	472.0 - 477.3
Mahnomen	25,253	152	478.8	404.2 - 564.0
Marshall	47,258	283	435.7	384.0 - 492.9
Martin	102,240	712	484.4	447.7 - 523.5
Meeker	115,973	596	410.6	377.7 - 445.7
Mille Lacs	130,357	772	500.4	465.3 - 537.5
Morrison	163,585	921	475.1	444.5 - 507.3
Mower	190,597	1,135	455	428.0 - 483.3
Murray	42,643	314	468.1	415.7 - 526.4
Nicollet	158,468	697	436.8	404.6 - 471.0
Nobles	101,390	578	471.1	432.7 - 512.2
Norman	33,146	234	483.6	421.5 - 553.5
Olmsted	697,926	3,575	511.2	494.4 - 528.4
Otter Tail	284,558	1,872	451.9	430.9 - 473.7
Pennington	68,751	374	460.5	414.2 - 510.8
Pine	140,876	845	482.9	450.5 - 517.2
Pipestone	46,515	343	522.2	465.4 - 584.5
Polk	153,467	911	476.9	445.7 - 509.8
Pope	54,894	339	413.9	369.2 - 463.1
Ramsey	2,502,180	12,063	461.7	453.4 - 470.2
Red Lake	20,784	128	450.5	374.3 - 539.1
Redwood	78,123	471	445.5	403.9 - 490.5
Renville	80,504	563	528	483.6 - 575.8
Rice	309,327	1,362	447.5	423.9 - 472.2
Rock	47,222	267	426.2	374.3 - 483.7
Roseau	80,059	408	476.9	430.7 - 526.6
St. Louis	984,102	5,844	485.2	472.5 - 498.1
Scott	628,571	2,190	479.6	458.4 - 501.5
Sherburne	426,057	1,517	496.4	470.4 - 523.4
Sibley	75,007	389	435.6	392.9 - 481.9
Stearns	730,841	3,425	478.2	462.2 - 494.6
Steele	181,365	893	462	431.9 - 493.6
Stevens	48,173	250	460.8	402.4 - 525.7
Swift	54,452	373	517.4	464.3 - 575.3
Todd	119,838	683	452.7	418.8 - 488.9
Traverse	18,415	139	439.9	359.3 - 535.5
Wabasha	109,157	645	478.6	441.5 - 518.2
Wadena	66,714	475	504.2	458.1 - 554.1
Waseca	96,205	500	470.1	429.1 - 513.9
Washington	1,127,755	5,206	520.3	505.6 - 535.2
Watonwan	55,093	342	462	412.7 - 516.0
Wilkin	32,268	179	428.8	366.8 - 499.0
Winona	247,792	1,167	444.8	419.2 - 471.6
Wright	582,636	2,224	463	443.5 - 483.1
Yellow Medicine	50,335	339	454.8	405.8 - 508.7

**Morbidity Table 6: Cancer Incidence (all types combined) Age-adjusted Rates per 100,000
By State and County, 2005-2009**

State/County/CHB	Five-Year Total Population	New Cancers		95% Confidence Interval
		Number	Rate ¹	
Minnesota	25,942,893	127,904	474.6	472.0 - 477.3
Aitkin-Itasca-Koochiching	368,157	2,541	470.6	451.8 - 490.1
Beltrami, Clearwater, Hubbard and Lake of the Woods	371,906	2,076	468.3	448.0 - 489.3
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	230,019	1,606	481.1	456.7 - 506.5
Brown-Nicollet	287,875	1,494	453.1	430.0 - 477.1
Carlton-Cook-Lake-St. Louis	1,234,287	7,349	480.0	468.8 - 491.4
Clay-Wilkin	306,779	1,358	436.9	413.7 - 461.2
Cottonwood-Jackson	111,118	683	428.1	395.2 - 463.3
Dodge-Steele	278,884	1,373	477.0	451.9 - 503.1
Douglas, Grant, Pope, Stevens and Traverse	330,577	2,074	451.3	431.4 - 472.0
Faribault-Martin	176,412	1,267	492.1	464.0 - 521.7
Fillmore-Houston	202,146	1,257	477.2	450.4 - 505.2
Isanti-Mille Lacs	323,146	1,585	471.6	448.4 - 495.6
Kanabec-Pine	221,171	1,296	476.3	450.4 - 503.5
Kandiyohi-Renville	285,253	1,684	479.6	456.4 - 503.6
Kittson, Marshall, Pennington, Red Lake and Roseau	239,466	1,349	457.8	433.2 - 483.5
Le Sueur-Waseca	235,045	1,227	464.8	438.9 - 492.0
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	368,213	2,248	463.6	443.9 - 484.0
Meeker-McLeod-Sibley	375,377	1,952	446.8	427.0 - 467.3
Morrison-Todd-Wadena	350,137	2,079	471.5	451.1 - 492.7
Polk-Norman-Mahnomen	211,866	1,297	477.3	451.1 - 504.8

Source: Minnesota Department of Health, Public Health Data Access Network (extracted from Minnesota Cancer Surveillance System (MCSS), Minnesota Department of Health)
https://apps.health.state.mn.us/mndata/cancer_all

¹Age adjusted to the 2000 US Standard Population

For more information about age adjusted rates, confidence intervals and cancer data go to:
https://apps.health.state.mn.us/mndata/cancer_metadata

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

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.

MCSS website:
<http://www.health.state.mn.us/divs/hpcd/cdee/mcss/statistics.html>

**Morbidity Table 7: Breast Cancer Incidence (females only) Age-adjusted Rates per 100,000
By State and County, 2005-2009**

State/County/CHB	Five-Year Female Population	New Cancers		95% Confidence Interval
		Number	Rate ¹	
Minnesota	13,042,773	18,515	128.5	126.6 - 130.4
Aitkin	39,210	101	139.8	111.8 - 174.6
Anoka	808,413	967	120.2	112.5 - 128.2
Becker	79,650	115	113.7	92.9 - 137.9
Beltrami	110,342	140	120.6	101.1 - 142.8
Benton	99,180	115	124.6	102.5 - 150.1
Big Stone	13,724	27	114.2	73.7 - 176.2
Blue Earth	149,486	175	120.9	103.2 - 140.9
Brown	64,679	114	129.4	105.8 - 157.2
Carlton	83,210	104	96.3	78.2 - 117.6
Carver	219,010	253	125.6	110.1 - 142.7
Cass	71,416	113	107.3	87.2 - 131.1
Chippewa	31,574	56	124.3	91.8 - 165.7
Chisago	120,119	177	143.7	123.2 - 166.8
Clay	141,406	158	113.2	95.9 - 132.8
Clearwater	20,501	34	113.6	77.9 - 162.1
Cook	13,499	24	111	68.0 - 176.2
Cottonwood	28,752	49	113.4	82.8 - 153.6
Crow Wing	155,801	242	115.4	101.0 - 131.6
Dakota	982,047	1,386	144.2	136.5 - 152.2
Dodge	48,913	72	142.2	110.9 - 179.6
Douglas	89,831	148	119.3	99.9 - 141.7
Faribault	37,113	78	126.2	97.6 - 162.0
Fillmore	52,598	93	128.5	102.3 - 159.8
Freeborn	78,939	126	112.8	93.1 - 135.7
Goodhue	114,423	194	138.4	119.2 - 160.0
Grant	15,151	28	116.2	73.4 - 178.1
Hennepin	2,871,626	4,173	137.7	133.5 - 142.0
Houston	49,141	89	139.2	111.1 - 172.8
Hubbard	46,724	91	134.7	107.0 - 168.0
Isanti	95,808	121	123.2	102.0 - 147.7
Itasca	110,767	191	120.2	103.2 - 139.5
Jackson	26,925	37	103.5	70.5 - 147.6
Kanabec	39,681	52	101	75.2 - 133.5
Kandiyohi	103,177	146	114	95.6 - 135.1
Kittson	11,567	30	185.5	121.3 - 276.6
Koochiching	33,772	55	111.7	83.2 - 148.2
Lac Qui Parle	18,310	39	122.2	84.9 - 175.6
Lake	26,952	47	106.7	78.0 - 144.8
Lake of the Woods	10,230	18	109.8	64.4 - 183.0
Le Sueur	68,933	104	128.2	104.4 - 156.0
Lincoln	14,784	24	111.2	67.1 - 175.8
Lyon	63,128	82	118	93.2 - 147.6
McLeod	92,626	122	113.4	93.8 - 136.0

**Morbidity Table 7: Breast Cancer Incidence (females only) Age-adjusted Rates per 100,000
By State and County, 2005-2009**

State/County/CHB	Five-Year Female Population	New Cancers		95% Confidence Interval
		Number	Rate ¹	
Minnesota	13,042,773	18,515	128.5	126.6 - 130.4
Mahnomen	12,487	17	100.8	56.8 - 168.0
Marshall	23,332	35	107.5	73.5 - 153.7
Martin	52,017	102	141.2	113.0 - 174.8
Meeker	57,191	62	79.1	60.2 - 102.5
Mille Lacs	65,794	97	117.7	94.8 - 144.6
Morrison	81,111	119	117.4	96.6 - 141.6
Mower	95,599	154	123	103.3 - 145.5
Murray	21,483	38	113.6	79.5 - 160.9
Nicollet	78,856	89	106.4	85.2 - 131.5
Nobles	49,909	79	130.7	102.8 - 164.1
Norman	16,705	30	123.5	80.6 - 184.3
Olmsted	353,577	499	133.2	121.6 - 145.6
Otter Tail	142,302	242	116.9	101.7 - 133.8
Pennington	34,863	45	109.9	79.2 - 148.8
Pine	67,319	105	122.8	99.8 - 149.8
Pipestone	24,047	69	206.6	157.1 - 267.8
Polk	77,251	135	138.4	115.0 - 165.4
Pope	27,638	39	91.5	63.3 - 129.6
Ramsey	1,295,958	1,766	124.8	118.9 - 130.9
Red Lake	10,346	16	121.5	67.5 - 204.1
Redwood	38,772	68	125	95.3 - 162.1
Renville	39,841	61	111.3	83.2 - 146.6
Rice	152,677	200	126.1	109.0 - 145.1
Rock	23,947	35	106.2	71.6 - 152.8
Roseau	39,026	52	122.6	91.1 - 161.8
St. Louis	497,573	787	128.3	119.1 - 138.1
Scott	311,555	342	130.3	116.2 - 145.5
Sherburne	208,018	243	136.3	119.1 - 155.2
Sibley	37,048	42	94.8	67.6 - 129.6
Stearns	363,450	466	127.5	116.1 - 139.8
Steele	91,301	123	117.3	97.3 - 140.4
Stevens	24,753	43	160.5	112.8 - 222.3
Swift	23,860	57	160.1	117.9 - 214.2
Todd	58,806	75	95.7	74.6 - 121.3
Traverse	9,374	13	75.6	36.8 - 148.8
Wabasha	54,344	85	120.7	95.5 - 150.9
Wadena	33,718	58	118.8	88.8 - 156.6
Waseca	45,847	69	131.9	101.6 - 168.6
Washington	564,042	862	149.2	139.1 - 159.8
Watonwan	28,081	40	112.1	78.3 - 156.1
Wilkin	16,249	27	127	80.7 - 191.8
Winona	126,329	183	135.3	115.9 - 157.1
Wright	288,086	292	109.5	97.2 - 123.0
Yellow Medicine	25,153	38	90.1	62.1 - 128.6

**Morbidity Table 7: Breast Cancer Incidence (females only) Age-adjusted Rates per 100,000
By State and County, 2005-2009**

State/County/CHB	Five-Year Female Population	New Cancers		95% Confidence Interval
		Number	Rate ¹	
Minnesota	13,042,773	18,515	128.5	126.6 - 130.4
Aitkin-Itasca-Koochiching	183,749	347	124.0	110.8 - 138.7
Beltrami, Clearwater, Hubbard and Lake of the Woods	187,797	283	123.2	108.9 - 138.9
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	112,621	217	123.4	106.3 - 142.8
Brown-Nicollet	143,535	203	118.4	102.3 - 136.5
Carlton-Cook-Lake-St. Louis	621,234	962	122.6	114.6 - 130.9
Clay-Wilkin	157,655	185	114.0	97.8 - 132.3
Cottonwood-Jackson	55,677	86	108.9	85.5 - 137.3
Dodge-Steele	140,214	195	125.8	108.6 - 145.0
Douglas, Grant, Pope, Stevens and Traverse	166,747	271	116.2	101.9 - 132.1
Faribault-Martin	89,130	180	135.1	114.5 - 158.8
Fillmore-Houston	101,739	182	133.9	114.4 - 156.0
Isanti-Mille Lacs	161,602	218	122.1	106.3 - 139.7
Kanabec-Pine	107,000	157	114.8	97.2 - 134.9
Kandiyohi-Renville	143,018	207	113.2	97.6 - 130.7
Kittson, Marshall, Pennington, Red Lake and Roseau	119,134	178	122.9	105.0 - 143.1
Le Sueur-Waseca	114,780	173	129.2	110.2 - 150.5
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	186,161	316	128.7	114.1 - 144.7
Meeker-McLeod-Sibley	186,865	226	98.8	86.0 - 113.0
Morrison-Todd-Wadena	173,635	252	110.6	96.8 - 125.8
Polk-Norman-Mahnomen	106,443	182	130.9	111.7 - 152.7

Source: Minnesota Department of Health, Public Health Data Access Network (extracted from Minnesota Cancer Surveillance System (MCSS), Minnesota Department of Health)
https://apps.health.state.mn.us/mndata/cancer_breast

¹Age adjusted to the 2000 US Standard Female Population

For more information about age adjusted rates, confidence intervals and cancer data go to:
https://apps.health.state.mn.us/mndata/cancer_metadata

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

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.

MCSS website:
<http://www.health.state.mn.us/divs/hpcd/cdee/mcss/statistics.html>

Morbidity Table 8: Number of Cases of Cancer Diagnosed by Major Site and Sex in Minnesota by State and County, 2005-2009**

	Breast	Prostate	Colon and Rectum		Lung		Total	
	Women	Men	Men	Women	Men	Women	Men	Women
State of Minnesota	18,515	22,216	6,159	6,041	7,910	7,127	67,689	60,215
Aitkin	101	135	42	29	56	50	403	298
Anoka	967	1,140	345	316	474	444	3,714	3,325
Becker	115	186	54	34	74	47	580	404
Beltrami	140	213	49	51	71	59	556	457
Benton	115	149	43	39	49	55	465	409
Big Stone	27	38	16	10	14	10	109	87
Blue Earth	175	215	55	74	77	71	665	593
Brown	114	124	50	48	47	36	419	378
Carlton	104	187	34	37	82	57	547	393
Carver	253	316	66	61	90	75	850	740
Cass	113	227	52	59	88	71	627	437
Chippewa	56	83	32	34	23	15	229	197
Chisago	177	247	55	54	89	71	647	514
Clay	158	185	54	65	66	58	604	575
Clearwater	34	46	10	19	25	11	137	109
Cook	24	37	13	5	8	9	99	78
Cottonwood	49	55	30	19	26	16	204	158
Crow Wing	242	392	86	80	140	124	1,097	831
Dakota	1,386	1,363	364	397	465	455	4,164	4,120
Dodge	72	76	23	20	40	18	259	221
Douglas	148	198	73	52	69	57	639	483
Faribault	78	105	23	50	32	28	288	267
Fillmore	93	126	46	36	40	24	380	291
Freeborn	126	163	54	57	81	44	545	425
Goodhue	194	222	71	71	86	54	686	593
Grant	28	44	16	6	17	15	128	96
Hennepin	4,173	4,110	1,145	1,185	1,494	1,532	13,129	13,009
Houston	89	128	33	19	37	30	326	260
Hubbard	91	128	23	31	44	41	359	304
Isanti	121	145	27	26	58	52	439	374
Itasca	191	237	82	75	89	62	778	614
Jackson	37	51	22	21	19	16	179	142
Kanabec	52	91	32	13	26	27	276	175
Kandiyohi	146	193	54	60	62	51	587	534
Kittson	30	25	16	7	14	8	80	76
Koochiching	55	77	29	33	35	30	244	204
Lac Qui Parle	39	67	21	12	19	10	145	127
Lake	47	95	12	21	30	20	212	176
Lake of the Woods	18	35	10	8	7	8	98	56
Le Sueur	104	145	42	37	44	34	421	306
Lincoln	24	49	10	17	13	8	104	91
Lyon	82	127	33	37	41	36	347	311
McLeod	122	198	48	43	61	52	518	449

Morbidity Table 8: Number of Cases of Cancer Diagnosed by Major Site and Sex in Minnesota by State and County, 2005-2009**

	Breast	Prostate	Colon and Rectum		Lung		Total	
	Women	Men	Men	Women	Men	Women	Men	Women
State of Minnesota	18,515	22,216	6,159	6,041	7,910	7,127	67,689	60,215
Mahnomen	17	31	10	5	14	8	96	56
Marshall	35	59	14	19	21	13	163	120
Martin	102	115	35	46	45	38	350	362
Meeker	62	131	42	28	36	31	354	242
Mille Lacs	97	123	29	35	80	50	422	350
Morrison	119	176	43	34	52	48	516	405
Mower	154	197	56	51	80	59	628	507
Murray	38	54	22	25	19	16	164	150
Nicollet	89	105	47	31	48	30	372	325
Nobles	79	100	42	39	33	26	315	263
Norman	30	49	17	14	20	11	139	95
Olmsted	499	565	150	122	183	159	1,925	1,650
Otter Tail	242	407	113	108	123	99	1,053	819
Pennington	45	74	24	17	26	24	203	171
Pine	105	160	43	37	66	50	476	369
Pipestone	69	52	22	22	22	7	179	164
Polk	135	135	51	69	69	36	470	441
Pope	39	56	16	20	24	21	199	140
Ramsey	1,766	2,149	507	532	699	734	6,274	5,789
Red Lake	16	28	11	4	11	5	82	46
Redwood	68	80	32	21	25	20	254	217
Renville	61	125	28	30	36	16	322	241
Rice	200	207	62	71	96	78	710	652
Rock	35	47	12	14	14	12	154	113
Roseau	52	84	22	16	17	19	227	181
St Louis	787	962	287	274	392	359	3,123	2,721
Scott	342	316	113	97	123	122	1,127	1,063
Sherburne	243	265	53	65	85	86	770	747
Sibley	42	81	18	16	27	30	213	176
Stearns	466	664	169	154	212	181	1,875	1,550
Steele	123	170	44	63	53	34	492	401
Stevens	43	52	8	14	14	11	140	110
Swift	57	66	17	30	17	19	187	186
Todd	75	149	47	41	47	33	390	293
Traverse	13	25	10	9	9	5	84	55
Wabasha	85	88	43	33	58	33	349	296
Wadena	58	77	25	23	26	26	258	217
Waseca	69	83	22	23	32	27	270	230
Washington	862	939	239	219	260	282	2,687	2,519
Watonwan	40	62	24	12	24	23	193	149
Wilkin	27	29	12	14	8	13	94	85
Winona	183	182	65	58	83	70	610	557
Wright	292	417	102	86	135	148	1,184	1,040
Yellow Medicine	38	77	12	23	22	24	178	161

Morbidity Table 8: Number of Cases of Cancer Diagnosed by Major Site and Sex in Minnesota by State and County, 2005-2009**

	Breast	Prostate	Colon and Rectum		Lung		Total	
	Women	Men	Men	Women	Men	Women	Men	Women
State of Minnesota	18,515	22,216	6,159	6,041	7,910	7,127	67,689	60,215
Aitkin-Itasca-Koochiching	347	449	153	137	180	142	1,425	1,116
Beltrami, Clearwater, Hubbard and Lake of the Woods	283	422	92	109	147	119	1,150	926
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	217	331	98	109	95	78	848	758
Brown-Nicollet	203	229	97	79	95	66	791	703
Carlton-Cook-Lake-St. Louis	962	1,281	346	337	512	445	3,981	3,368
Clay-Wilkin	185	214	66	79	74	71	698	660
Cottonwood-Jackson	86	106	52	40	45	32	383	300
Dodge-Steele	195	246	67	83	93	52	751	622
Douglas, Grant, Pope, Stevens and Traverse	271	375	123	101	133	109	1,190	884
Faribault-Martin	180	220	58	96	77	66	638	629
Fillmore-Houston	182	254	79	55	77	54	706	551
Isanti-Mille Lacs	218	268	56	61	138	102	861	724
Kanabec-Pine	157	251	75	50	92	77	752	544
Kandiyohi-Renville	207	318	82	90	98	67	909	775
Kittson, Marshall, Pennington, Red Lake and Roseau	178	270	87	63	89	69	755	594
Le Sueur-Waseca	173	228	64	60	76	61	691	536
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	316	409	131	136	134	99	1,202	1,046
Meeker-McLeod-Sibley	226	410	108	87	124	113	1,085	867
Morrison-Todd-Wadena	252	402	115	98	125	107	1,164	915
Polk-Norman-Mahnomen	182	215	78	88	103	55	705	592

Source: Minnesota Department of Health, Minnesota Cancer Surveillance System

**Includes number of cases diagnosed for the years 2005, 2006, 2007, 2008 and 2009.

ICD-O-3 Site Codes:

Breast C50.0 - C50.9, excluding lymphomas (ICD-O-3 cell types M959_ - M998_)

Prostate C61.9, excluding lymphomas (ICD-O-3 cell types M959_ - M998_)

Lung & Bronchus C34.0 - C34.9, excluding lymphomas (ICD-O-3 cell types M959_ - M998_)

Colon & Rectum C18.0-C18.9, C19.9, C20.9, C26.0, excluding lymphomas (ICD-O-3 cell types M959_ - M998_)

Total Includes all microscopically-confirmed or Death-Certificate-Only cancers

For more Minnesota data on cancer by county go to:

[MDH Minnesota Public Health Data Access](#)

[MDH Minnesota Cancer Surveillance System, 2011 MN Cancer Facts and Figures](#)

**Morbidity Table 9: Asthma Hospitalizations: Age-adjusted Rates per 10,000
By State and County, 2008-2010**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	Rate ¹	
Minnesota	15,832,146	11,682	7.3	7.2 - 7.4
Aitkin	48,792	32	5.9	3.9 - 8.6
Anoka	987,906	742	7.9	7.3 - 8.5
Becker	97,155	42	3.9	2.8 - 5.3
Beltrami	132,483	83	5.9	4.6 - 7.3
Benton	115,069	153	13.3	11.2 - 15.4
Big Stone	15,882	7	3.7(UR)	1.4 - 7.9
Blue Earth	190,438	82	4.7	3.7 - 5.9
Brown	77,775	38	4.1	2.9 - 5.8
Carlton	105,641	107	9.7	7.8 - 11.6
Carver	270,096	112	4.3	3.4 - 5.1
Cass	85,783	60	6.2	4.6 - 8.1
Chippewa	37,177	24	6.5	4.1 - 9.9
Chisago	160,425	113	7.1	5.8 - 8.5
Clay	174,406	70	4.1	3.2 - 5.2
Clearwater	25,943	12	3.8(UR)	1.9 - 6.8
Cook	15,634	11	5.6(UR)	2.6 - 10.6
Cottonwood	35,020	14	3.0(UR)	1.6 - 5.2
Crow Wing	186,985	125	6.2	5.0 - 7.3
Dakota	1,189,358	753	6.3	5.9 - 6.8
Dodge	59,884	24	3.8	2.5 - 5.7
Douglas	108,193	40	3.7	2.6 - 5.1
Faribault	43,994	18	3.5(UR)	2.0 - 5.8
Fillmore	62,778	21	2.9	1.7 - 4.5
Freeborn	93,838	56	5.4	4.0 - 7.0
Goodhue	138,137	103	6.7	5.4 - 8.1
Grant	18,153	11	5.0(UR)	2.3 - 9.4
Hennepin	3,434,319	3,449	10.2	9.8 - 10.5
Houston	57,237	1-5*	*	
Hubbard	61,163	11	1.5(UR)	0.7 - 2.9
Isanti	113,476	74	6.6	5.1 - 8.3
Itasca	134,976	90	5.8	4.6 - 7.3
Jackson	30,906	16	4.5(UR)	2.5 - 7.5
Kanabec	49,068	49	9.6	7.0 - 12.8
Kandiyohi	126,137	79	5.6	4.4 - 7.1
Kittson	13,727	1-5*	*	
Koochiching	40,019	15	3.8(UR)	2.0 - 6.5
Lac Qui Parle	21,903	27	10.6	6.5 - 16.3
Lake	32,610	15	5.8(UR)	3.1 - 9.7
Lake of the Woods	12,216	9	5.1(UR)	2.2 - 10.1
Le Sueur	83,249	40	4.6	3.2 - 6.3
Lincoln	17,725	13	6.7(UR)	3.4 - 12.0
Lyon	77,271	54	7.2	5.4 - 9.4
McLeod	110,230	82	6.9	5.5 - 8.6

**Morbidity Table 9: Asthma Hospitalizations: Age-adjusted Rates per 10,000
By State and County, 2008-2010**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	Rate ¹	
Minnesota	15,832,146	11,682	7.3	7.2 - 7.4
Mahnomen	16,156	10	4.8(UR)	2.3 - 8.8
Marshall	28,468	15	5.3(UR)	2.9 - 9.1
Martin	62,544	41	6.7	4.7 - 9.3
Meeker	70,052	34	4.4	3.0 - 6.2
Mille Lacs	78,395	108	12.8	10.4 - 15.3
Morrison	99,621	70	6.9	5.3 - 8.7
Mower	116,881	90	7.2	5.8 - 8.9
Murray	26,251	9	3.0(UR)	1.2 - 6.2
Nicollet	97,534	36	3.8	2.6 - 5.3
Nobles	63,822	33	4.7	3.2 - 6.6
Norman	20,509	1-5*	*	
Olmsted	429,296	234	5.4	4.7 - 6.1
Otter Tail	172,327	102	5.5	4.3 - 6.6
Pennington	41,645	25	5.4	3.4 - 8.1
Pine	89,019	62	6.7	5.1 - 8.7
Pipestone	28,851	21	5.9	3.6 - 9.1
Polk	94,198	63	6.4	4.9 - 8.3
Pope	33,113	31	7.7	5.0 - 11.3
Ramsey	1,518,120	1,410	9.5	9.0 - 10.1
Red Lake	12,316	1-5*	*	
Redwood	48,173	44	7.9	5.6 - 10.8
Renville	47,473	36	7.1	4.8 - 9.9
Rice	191,062	153	8.1	6.8 - 9.4
Rock	28,936	21	5.6	3.4 - 8.7
Roseau	47,400	18	3.5(UR)	2.1 - 5.6
St. Louis	600,169	461	7.6	6.9 - 8.4
Scott	385,071	225	6	5.2 - 6.8
Sherburne	263,874	123	5.1	4.2 - 6.1
Sibley	45,649	24	5	3.2 - 7.5
Stearns	448,645	438	10.2	9.2 - 11.2
Steele	109,818	45	4.1	3.0 - 5.5
Stevens	29,172	29	9.9	6.5 - 14.4
Swift	29,576	26	7.3	4.7 - 11.0
Todd	74,593	19	2.1(UR)	1.3 - 3.3
Traverse	10,795	6	5.3(UR)	1.6 - 12.9
Wabasha	65,197	32	4.6	3.1 - 6.5
Wadena	41,512	45	10.2	7.3 - 13.7
Waseca	57,086	28	4.6	3.0 - 6.7
Washington	707,126	335	4.8	4.3 - 5.4
Watonwan	33,502	10	2.3(UR)	1.1 - 4.3
Wilkin	19,761	12	4.9(UR)	2.5 - 8.7
Winona	154,340	36	2.3	1.6 - 3.2
Wright	369,573	196	5.4	4.6 - 6.1
Yellow Medicine	31,348	32	9.9	6.7 - 14.3

**Morbidity Table 9: Asthma Hospitalizations: Age-adjusted Rates per 10,000
By State and County, 2008-2010**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	Rate ¹	
Minnesota	15,832,146	11,682	7.3	7.2 - 7.4
Aitkin-Itasca-Koochiching	223,787	137	5.4	4.4 - 6.4
Beltrami, Clearwater, Hubbard and Lake of the Woods	231,805	115	4.3	3.5 - 5.1
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	135,886	116	7.9	6.4 - 9.4
Brown-Nicollet	175,309	74	4.0	3.1 - 5.1
Carlton-Cook-Lake-St. Louis	754,054	594	7.8	7.1 - 8.4
Clay-Wilkin	194,167	82	4.2	3.4 - 5.3
Cottonwood-Jackson	65,926	30	3.7	2.4 - 5.4
Dodge-Steele	169,702	69	4.0	3.1 - 5.1
Douglas, Grant, Pope, Stevens and Traverse	199,426	117	5.4	4.3 - 6.4
Faribault-Martin	106,538	59	5.4	4.0 - 7.1
Fillmore-Houston	120,015	26	1.9	1.2 - 2.9
Isanti-Mille Lacs	191,871	182	9.1	7.8 - 10.5
Kanabec-Pine	138,087	111	7.7	6.3 - 9.2
Kandiyohi-Renville	173,610	115	6.0	4.8 - 7.1
Kittson, Marshall, Pennington, Red Lake and Roseau	143,556	67	4.4	3.4 - 5.6
Le Sueur-Waseca	140,335	68	4.6	3.5 - 5.8
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	227,207	162	6.4	5.4 - 7.5
Meeker-McLeod-Sibley	225,931	140	5.7	4.8 - 6.7
Morrison-Todd-Wadena	215,726	134	5.9	4.8 - 6.9
Polk-Norman-Mahnomen	130,863	77	5.4	4.2 - 6.8

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/asthma>

¹Age 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

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, 2008-2010**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	AA Rate ¹	
Minnesota	8,346,991	25,665	29.1	28.7 - 29.5
Aitkin	33,824	187	41.2	35.1 - 47.4
Anoka	517,676	1,140	24.6	23.1 - 26.1
Becker	56,139	305	46.1	40.8 - 51.4
Beltrami	63,906	284	40.6	35.8 - 45.5
Benton	55,928	169	27.4	23.2 - 31.7
Big Stone	10,257	84	54.5	42.5 - 68.8
Blue Earth	83,091	296	31.2	27.5 - 34.8
Brown	45,315	197	34.9	29.8 - 39.9
Carlton	60,164	188	28.1	24.0 - 32.1
Carver	138,712	304	27	23.8 - 30.1
Cass	53,597	309	48.7	43.0 - 54.4
Chippewa	21,767	102	34.1	27.1 - 41.2
Chisago	87,584	368	45.1	40.4 - 49.8
Clay	80,567	277	30.2	26.6 - 33.8
Clearwater	15,001	64	34.6	26.5 - 44.4
Cook	10,660	40	32.4	22.9 - 44.4
Cottonwood	20,959	86	33.2	26.0 - 41.8
Crow Wing	108,120	573	43.9	40.2 - 47.6
Dakota	617,600	1,582	28.6	27.2 - 30.1
Dodge	30,973	77	24.1	19.0 - 30.2
Douglas	63,187	232	29.1	25.2 - 33.0
Faribault	27,075	143	38.5	31.8 - 45.1
Fillmore	36,702	105	20	16.0 - 24.0
Freeborn	56,460	282	37.4	32.9 - 41.9
Goodhue	79,766	284	29.8	26.3 - 33.4
Grant	11,157	62	41.7	31.5 - 54.2
Hennepin	1,756,836	4,290	24.1	23.4 - 24.8
Houston	34,156	1-5*	*	
Hubbard	38,354	117	25.2	20.5 - 29.9
Isanti	59,735	136	22.9	19.0 - 26.8
Itasca	82,613	485	48.7	44.2 - 53.1
Jackson	18,650	95	36.8	29.5 - 45.3
Kanabec	28,664	113	36.3	29.5 - 43.1
Kandiyohi	69,019	245	28.7	25.0 - 32.4
Kittson	8,908	37	29.2	20.3 - 40.7
Koochiching	25,448	120	39.6	32.3 - 46.9
Lac Qui Parle	14,284	49	23.3	16.9 - 31.2
Lake	21,143	93	33.2	26.6 - 40.9
Lake of the Woods	8,103	49	49.7	36.7 - 65.9
Le Sueur	46,369	128	26.5	21.9 - 31.1
Lincoln	10,998	47	36.4	26.0 - 49.7
Lyon	38,169	118	25.1	20.4 - 29.7
McLeod	60,399	240	35.4	30.8 - 39.9

**Morbidity Table 10: Heart Attack Hospitalizations: Age-adjusted Rates per 10,000
for 35 years of age and older
By State and County, 2008-2010**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	AA Rate ¹	
Minnesota	8,346,991	25,665	29.1	28.7 - 29.5
Mahnomen	8,418	67	66.6	51.1 - 85.4
Marshall	17,130	60	27.7	21.0 - 35.9
Martin	38,011	237	46.7	40.5 - 53.0
Meeker	39,767	124	26.4	21.7 - 31.1
Mille Lacs	43,095	257	51.7	45.3 - 58.1
Morrison	55,775	184	28.8	24.6 - 33.1
Mower	64,421	247	29.1	25.3 - 32.9
Murray	16,437	49	24.2	17.6 - 32.5
Nicollet	47,658	159	31.3	26.4 - 36.2
Nobles	33,971	134	32.9	27.2 - 38.7
Norman	12,440	56	33.9	25.0 - 45.0
Olmsted	220,964	501	21.6	19.7 - 23.5
Otter Tail	106,321	489	36.1	32.8 - 39.5
Pennington	22,964	104	38.5	30.9 - 46.1
Pine	51,687	219	38.8	33.6 - 44.0
Pipestone	16,787	68	32.4	24.8 - 41.5
Polk	52,204	198	31.1	26.6 - 35.6
Pope	20,500	88	29.3	23.4 - 36.4
Ramsey	751,907	2,263	27.9	26.8 - 29.1
Red Lake	7,102	20	24.6(UR)	14.9 - 38.4
Redwood	28,012	99	26.4	21.3 - 32.4
Renville	28,566	115	33.2	26.9 - 39.6
Rice	95,321	319	31.7	28.2 - 35.2
Rock	16,593	80	36.4	28.5 - 45.8
Roseau	26,844	100	34.6	27.7 - 41.5
St. Louis	337,191	1,384	34.7	32.8 - 36.6
Scott	189,680	448	31	27.9 - 34.0
Sherburne	126,978	289	26.7	23.5 - 29.9
Sibley	25,728	103	33.9	27.3 - 40.6
Stearns	215,464	509	22.1	20.1 - 24.0
Steele	59,215	206	30.7	26.4 - 34.9
Stevens	14,484	84	44.9	35.4 - 56.0
Swift	17,964	78	32.2	25.1 - 40.6
Todd	42,627	101	20.4	16.3 - 24.5
Traverse	6,875	38	35.9	24.2 - 51.3
Wabasha	38,477	104	23.3	18.8 - 27.9
Wadena	24,366	110	35.4	28.5 - 42.3
Waseca	31,483	113	31.1	25.2 - 36.9
Washington	380,212	950	28	26.2 - 29.9
Watonwan	19,033	61	22.4	16.9 - 29.1
Wilkin	11,811	54	36.5	27.2 - 48.0
Winona	74,411	177	20.1	17.1 - 23.2
Wright	181,524	424	26.5	23.9 - 29.1
Yellow Medicine	18,538	88	35	27.7 - 43.8

**Morbidity Table 10: Heart Attack Hospitalizations: Age-adjusted Rates per 10,000
for 35 years of age and older
By State and County, 2008-2010**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	AA Rate ¹	
Minnesota	8,346,991	25,665	29.1	28.7 - 29.5
Aitkin-Itasca-Koochiching	141,885	792	45.1	41.9 - 48.4
Beltrami, Clearwater, Hubbard and Lake of the Woods	125,364	514	35.8	32.6 - 39.0
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	82,810	401	34.8	31.2 - 38.5
Brown-Nicollet	92,973	356	32.8	29.3 - 36.3
Carlton-Cook-Lake-St. Louis	429,158	1,705	33.7	32.0 - 35.3
Clay-Wilkin	92,378	331	31.1	27.7 - 34.5
Cottonwood-Jackson	39,609	181	34.9	29.5 - 40.3
Dodge-Steele	90,188	283	28.6	25.3 - 32.0
Douglas, Grant, Pope, Stevens and Traverse	116,203	504	32.6	29.6 - 35.6
Faribault-Martin	65,086	380	43.4	38.8 - 48.0
Fillmore-Houston	70,858	110	11.3	9.1 - 13.5
Isanti-Mille Lacs	102,830	393	35.8	32.2 - 39.4
Kanabec-Pine	80,351	332	37.8	33.7 - 41.9
Kandiyohi-Renville	97,585	360	30.0	26.8 - 33.2
Kittson, Marshall, Pennington, Red Lake and Roseau	82,948	321	32.7	29.0 - 36.4
Le Sueur-Waseca	77,852	241	28.5	24.9 - 32.2
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	126,996	461	28.6	25.9 - 31.4
Meeker-McLeod-Sibley	125,894	467	32.2	29.2 - 35.1
Morrison-Todd-Wadena	122,768	395	27.1	24.4 - 29.8
Polk-Norman-Mahnomen	73,062	321	35.9	31.8 - 40.0

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>

¹Age 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

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, 2008-2010**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	AA Rate ¹	
Minnesota	6,262,370	20,413	34.9	34.4 - 35.4
Aitkin	29,088	161	50.7	42.6 - 58.7
Anoka	368,889	998	35.3	33.0 - 37.6
Becker	45,310	161	35	29.5 - 40.4
Beltrami	50,299	169	35.2	29.8 - 40.6
Benton	40,681	270	70.3	61.8 - 78.9
Big Stone	8,719	13	12.9(UR)	6.6 - 22.5
Blue Earth	63,657	187	30	25.7 - 34.4
Brown	36,899	96	23.1	18.6 - 28.4
Carlton	45,970	175	38.3	32.6 - 44.0
Carver	94,595	171	24.7	20.9 - 28.5
Cass	44,535	231	51.3	44.6 - 58.1
Chippewa	17,653	57	27	20.3 - 35.3
Chisago	62,450	256	49	42.9 - 55.2
Clay	60,904	153	25.3	21.3 - 29.4
Clearwater	12,126	115	90.8	74.1 - 107.6
Cook	8,895	26	26.7	17.2 - 39.4
Cottonwood	17,184	64	31.4	23.8 - 40.6
Crow Wing	86,755	449	48.9	44.4 - 53.5
Dakota	442,886	1,050	30.2	28.3 - 32.0
Dodge	22,489	94	47.3	38.2 - 58.0
Douglas	51,401	113	20.2	16.4 - 23.9
Faribault	22,591	80	30.7	24.2 - 38.4
Fillmore	29,487	88	25.3	20.1 - 31.4
Freeborn	45,676	183	36.1	30.8 - 41.4
Goodhue	62,881	227	35.7	31.0 - 40.4
Grant	9,336	47	43.1	31.3 - 57.9
Hennepin	1,287,056	3,219	28	27.0 - 28.9
Houston	27,494	9	3.4(UR)	1.5 - 6.5
Hubbard	31,665	108	33	26.7 - 39.3
Isanti	44,263	163	41.2	34.8 - 47.6
Itasca	67,575	277	39.7	35.0 - 44.4
Jackson	15,207	42	21	14.9 - 28.8
Kanabec	22,657	148	67.6	56.6 - 78.6
Kandiyohi	54,901	195	34.1	29.3 - 39.0
Kittson	7,473	26	28	18.0 - 41.6
Koochiching	20,786	85	39.9	31.8 - 49.4
Lac Qui Parle	12,132	54	37.7	28.0 - 49.6
Lake	17,787	50	25.7	19.0 - 33.9
Lake of the Woods	6,786	14	22.6(UR)	12.3 - 38.0
Le Sueur	35,072	66	19.6	15.1 - 25.0
Lincoln	9,102	54	42.1	31.2 - 55.6
Lyon	29,522	138	46.3	38.4 - 54.3
McLeod	45,584	106	23	18.5 - 27.4

**Morbidity Table 11: COPD Hospitalizations: Age-adjusted Rates per 10,000
for 45 years of age and older
By State and County, 2008-2010**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	AA Rate ¹	
Minnesota	6,262,370	20,413	34.9	34.4 - 35.4
Mahnomen	6,815	25	33.9	21.8 - 50.3
Marshall	13,738	65	41.5	31.9 - 53.1
Martin	31,463	199	57.9	49.7 - 66.2
Meeker	31,513	118	37.2	30.4 - 44.0
Mille Lacs	33,190	267	78.2	68.7 - 87.6
Morrison	43,766	188	41.8	35.8 - 47.8
Mower	50,775	281	47.4	41.7 - 53.0
Murray	13,743	70	42.3	32.9 - 53.6
Nicollet	36,679	124	34.3	28.2 - 40.4
Nobles	26,354	75	26.5	20.8 - 33.4
Norman	10,241	36	31	21.5 - 43.3
Olmsted	165,425	518	33.5	30.5 - 36.4
Otter Tail	88,176	314	33.1	29.4 - 36.8
Pennington	17,975	94	51.6	41.5 - 63.4
Pine	40,104	205	51.2	44.1 - 58.2
Pipestone	13,603	49	31.8	23.3 - 42.4
Polk	41,509	192	43	36.8 - 49.2
Pope	16,935	78	38.8	30.5 - 48.5
Ramsey	566,157	1,849	34.8	33.2 - 36.4
Red Lake	5,749	20	33.2(UR)	20.3 - 51.4
Redwood	22,640	103	39.7	31.8 - 47.6
Renville	23,204	78	30.6	24.0 - 38.3
Rice	70,861	302	45.3	40.1 - 50.4
Rock	13,400	62	36	27.2 - 46.7
Roseau	20,397	68	37.1	28.7 - 47.2
St. Louis	270,762	1,349	49.8	47.1 - 52.5
Scott	122,115	280	33.5	29.4 - 37.5
Sherburne	84,408	190	28.7	24.4 - 32.9
Sibley	20,090	49	24.2	17.9 - 32.1
Stearns	161,989	732	47	43.6 - 50.4
Steele	44,539	143	32.4	27.0 - 37.7
Stevens	11,758	55	37.1	27.6 - 48.9
Swift	14,517	62	37.4	28.4 - 48.3
Todd	34,343	79	22.9	18.1 - 28.6
Traverse	5,749	1-5*	*	
Wabasha	30,214	78	23.9	18.8 - 29.8
Wadena	19,985	97	43.6	35.2 - 53.4
Waseca	24,181	55	24	18.0 - 31.4
Washington	275,063	629	29.9	27.5 - 32.3
Watsonwan	15,346	60	30.9	23.4 - 40.2
Wilkin	9,410	35	38.2	26.5 - 53.2
Winona	58,723	261	44.5	39.0 - 49.9
Wright	123,290	373	38.1	34.2 - 42.1
Yellow Medicine	15,058	116	67.4	54.8 - 80.0

**Morbidity Table 11: COPD Hospitalizations: Age-adjusted Rates per 10,000
for 45 years of age and older
By State and County, 2008-2010**

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval
		Number	AA Rate ¹	
Minnesota	6,262,370	20,413	34.9	34.4 - 35.4
Aitkin-Itasca-Koochiching	117,449	523	45.9	38.6 - 45.9
Beltrami, Clearwater, Hubbard and Lake of the Woods	100,876	406	44.4	36.4 - 44.4
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	68,079	302	42.1	33.3 - 42.1
Brown-Nicollet	73,578	220	32.0	24.4 - 32.0
Carlton-Cook-Lake-St. Louis	343,414	1,600	48.6	44.0 - 48.6
Clay-Wilkin	70,314	188	31.2	23.3 - 31.2
Cottonwood-Jackson	32,391	106	31.7	21.1 - 31.7
Dodge-Steele	67,028	237	41.9	32.4 - 41.9
Douglas, Grant, Pope, Stevens and Traverse	95,179	295	30.0	23.8 - 30.0
Faribault-Martin	54,054	279	52.1	41.0 - 52.1
Fillmore-Houston	56,981	97	18.7	12.3 - 18.7
Isanti-Mille Lacs	77,453	430	63.5	52.5 - 63.5
Kanabec-Pine	62,761	353	63.1	51.1 - 63.1
Kandiyohi-Renville	78,105	273	37.1	29.1 - 37.1
Kittson, Marshall, Pennington, Red Lake and Roseau	65,332	273	45.1	35.4 - 45.1
Le Sueur-Waseca	59,253	121	25.1	17.5 - 25.1
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	102,010	476	44.0	36.6 - 44.0
Meeker-McLeod-Sibley	97,187	273	31.1	24.4 - 31.1
Morrison-Todd-Wadena	98,094	364	38.9	31.6 - 38.9
Polk-Norman-Mahnomen	58,565	253	45.1	35.1 - 45.1

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>
COPD - Chronic Obstructive Pulmonary Disease

¹Age adjusted to the 2000 US Standard Populationm 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

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 2009

State/County	Leisure Time Physical Inactivity ¹			Diabetes Prevalence ²			Obesity ³		
	Percent	CI ⁴		Percent	CI ⁴		Percent	CI ⁴	
		Lower	Upper		Lower	Upper		Lower	Upper
Minnesota ⁵	15.8	14.4	17.1	6.4	5.7	7.1	37.9	36.0	39.7
Aitkin	23.1	18.0	28.6	10.9	8.3	14	28.7	23.3	34.7
Anoka	20.6	18.3	23.1	7.6	6.4	9	30.4	27.5	33.3
Becker	22.5	18.1	27.5	9.1	7.0	11.4	29.0	24.1	34.6
Beltrami	21.6	17.9	25.7	7.8	6.1	9.9	30.3	25.8	35.2
Benton	21.1	16.4	26.4	7.9	6.0	10.3	27.3	21.9	33.3
Big Stone	22.8	16.5	30.4	9.3	6.7	12.6	28.1	21.7	35.3
Blue Earth	24.7	19.7	30.2	6.9	5.2	9	27.4	22.2	32.9
Brown	23.7	18.6	29.3	9.2	7.0	11.8	31.1	25.7	37
Carlton	19.8	15.5	24.9	9.2	7.1	11.9	28.2	23.0	33.9
Carver	16.5	13.1	20.4	6.3	4.8	8.2	26.3	22.2	31
Cass	22.5	17.8	28	8.8	6.8	11.3	27.8	22.7	33.2
Chippewa	22.4	16.6	28.6	9.1	6.7	12.1	32.0	25.9	38.7
Chisago	18.9	14.5	23.8	8.2	6.3	10.7	27.0	21.9	32.6
Clay	22.5	17.8	27.5	8.1	6.2	10.3	30.0	24.9	35.5
Clearwater	22.6	17.2	28.7	9.3	7.1	12.2	30.7	24.9	36.6
Cook	19.7	14.7	26.2	9.4	7.0	12.3	27.5	21.4	33.8
Cottonwood	27.3	20.9	34.7	9.8	7.2	12.9	27.8	21.7	34.8
Crow Wing	18.6	14.6	22.9	7.8	5.9	9.9	25.0	20.6	29.7
Dakota	16.6	14.8	18.8	6.1	5.1	7.2	26.4	24.0	29
Dodge	20.0	14.9	26.2	7.7	5.6	10.2	31.6	25.2	38.6
Douglas	20.3	15.3	26.3	8.3	6.1	10.9	28.0	22.3	34.5
Faribault	25.2	19.0	32.8	9.6	7.1	12.7	29.0	22.9	35.5
Fillmore	23.2	17.6	29.5	8.3	6.1	11	28.7	23.1	35.2
Freeborn	23.3	18.3	28.7	8.7	6.6	11.2	29.0	23.5	34.8
Goodhue	19.1	14.7	23.8	8.7	6.6	11.1	27.9	22.6	33.4
Grant	23.1	16.8	30.2	9.1	6.7	12.3	27.3	21.0	34.7
Hennepin	16.1	15.0	17.2	6.0	5.4	6.6	21.2	19.8	22.5
Houston	20.5	15.2	26.2	8.7	6.4	11.5	27.1	21.4	33.4
Hubbard	20.6	15.7	26.2	9.0	6.8	11.6	25.4	20.2	31.3
Isanti	18.7	13.9	24.2	7.8	5.7	10.2	28.9	23.1	35.5
Itasca	19.3	15.4	24	8.6	6.7	11.1	26.6	22.1	31.6
Jackson	24.1	18.1	31.6	8.5	6.3	11.3	30.6	24.1	38.1
Kanabec	22.4	16.7	28.9	8.8	6.4	11.6	28.8	22.6	35.4
Kandiyohi	23.9	19.4	29	7.6	5.8	9.8	29.0	24.0	34.3
Kittson	24.9	17.8	33.1	10.4	7.6	13.8	29.2	22.0	37
Koochiching	21.7	17.0	26.9	10.3	7.9	13.2	29.7	24.3	35.4
Lac qui Parle	22.1	15.5	29.1	10.5	7.7	13.9	29.8	23.3	36.9
Lake	24.1	17.7	31.1	9.6	6.9	12.8	29.7	23.3	36.6
Lake of the Woods	23.8	16.9	31.8	9.5	7.0	12.8	28.3	22.0	35.5
Le Sueur	21.7	17.0	26.9	7.8	5.8	10.1	29.5	24.3	35.3
Lincoln	24.2	17.3	31.9	9.0	6.6	12	27.7	21.7	34.8
Lyon	23.2	18.2	29.1	7.8	5.9	10.2	29.5	23.8	35.9
McLeod	28.3	22.2	35.2	11.1	8.4	14.2	31.7	25.2	38.6

Morbidity Table 12: County-Level Estimates of Leisure Time Physical Inactivity, Diabetes Prevalence and Obesity Among Adults Aged ≥ 20 years, Minnesota 2009

State/County	Leisure Time Physical Inactivity ¹			Diabetes Prevalence ²			Obesity ³		
	Percent	CI ⁴		Percent	CI ⁴		Percent	CI ⁴	
		Lower	Upper		Lower	Upper		Lower	Upper
Mahnomen	22.4	16.3	29.3	8.7	6.3	11.6	26.5	20.3	33.2
Marshall	22.4	17.0	28.5	8.7	6.6	11.4	27.3	21.7	33.6
Martin	19.2	14.7	24.3	7.7	5.8	10	28.9	23.5	34.4
Meeker	25.0	19.7	31.2	9.9	7.6	12.7	26.1	20.8	31.7
Mille Lacs	23.8	18.4	30.2	8.3	6.2	10.8	26.7	21.4	32.5
Morrison	21.7	17.1	27.4	7.9	5.8	10.3	28.8	23.3	35
Mower	23.0	17.3	29.5	8.8	6.6	11.5	28.7	23.0	34.8
Murray	21.0	15.4	27.4	9.3	7.0	12.2	31.0	24.5	38.5
Nicollet	17.2	12.6	22.7	7.8	5.8	10.3	28.0	22.2	34.5
Nobles	23.2	17.8	29.3	9.7	7.2	12.5	27.0	21.6	33.2
Norman	23.3	17.1	30.3	10.7	7.9	14.1	30.9	24.6	37.8
Olmsted	17.5	14.5	20.8	7.3	5.8	8.9	28.2	24.5	32.3
Otter Tail	24.7	20.3	29.3	8.8	6.9	11	30.5	25.6	35.2
Pennington	24.0	18.0	30.6	9.6	7.1	12.7	28.3	22.4	34.7
Pine	20.6	15.7	26.3	8.1	6.3	10.6	27.3	21.6	33.1
Pipestone	21.0	15.6	27.3	9.5	7.1	12.5	28.1	22.2	34.4
Polk	27.3	22.1	33.3	9.1	7.0	11.7	30.7	25.3	36.2
Pope	25.6	18.6	33.4	9.1	6.5	12.1	28.3	21.8	35
Ramsey	15.2	13.7	16.8	7.4	6.4	8.4	24.2	22.3	26.4
Red Lake	21.1	15.1	28.3	8.9	6.6	11.8	32.0	24.8	40.1
Redwood	22.7	17.3	28.7	8.8	6.7	11.4	29.4	24.0	35.2
Renville	24.9	18.8	31.6	9.2	6.8	12.1	32.4	26.0	39.5
Rice	17.4	14.0	21.5	7.6	5.8	9.7	24.1	19.8	28.6
Rock	24.0	17.7	31.5	8.4	6.1	11.3	24.6	19.0	30.9
Roseau	23.1	17.3	29.7	7.6	5.7	10	32.1	25.8	39

Morbidity Table 12: County-Level Estimates of Leisure Time Physical Inactivity, Diabetes Prevalence and Obesity Among Adults Aged ≥ 20 years, Minnesota 2009

State/County	Leisure Time Physical Inactivity ¹			Diabetes Prevalence ²			Obesity ³		
	Percent	CI ⁴		Percent	CI ⁴		Percent	CI ⁴	
		Lower	Upper		Lower	Upper		Lower	Upper
St. Louis	16.8	13.6	20.2	5.6	4.3	7.1	24.7	20.6	28.9
Scott	21.7	17.2	26.7	7.2	5.3	9.3	30.6	25.5	36.2
Sherburne	24.3	18.1	31.4	8.1	6.0	10.8	30.1	23.9	37.5
Sibley	18.3	15.9	20.9	8.0	6.6	9.5	27.8	24.7	31.2
Stearns	19.3	16.1	22.6	7.9	6.4	9.7	28.6	24.7	32.7
Steele	21.8	16.6	27.5	7.2	5.4	9.4	29.9	24.4	35.9
Stevens	22.1	16.3	28.7	8.0	5.7	10.5	27.4	21.3	34.5
Swift	27.7	22.8	33.3	9.4	7.3	11.9	28.8	23.6	34.4
Todd	27.5	21.4	34.5	9.0	6.7	11.6	30.5	24.5	37
Traverse	24.7	18.0	32.7	10.4	7.6	13.9	28.3	21.7	35.6
Wabasha	23.8	17.9	30.4	7.6	5.6	10.2	24.5	18.9	30.5
Wadena	23.8	17.7	30.7	10.1	7.5	13.2	30.7	24.2	37.8
Waseca	23.9	18.1	30.2	8.7	6.5	11.3	30.7	24.5	37.3
Washington	16.4	14.1	19	6.8	5.5	8.2	25.8	22.7	28.9
Watonwan	23.5	17.8	30.2	9.1	6.7	11.9	28.3	21.9	35.1
Wilkin	26.8	19.4	35.1	8.9	6.4	11.8	29.1	22.5	36.6
Winona	19.8	15.4	24.9	7.6	5.7	9.9	30.6	25.0	36.2
Wright	17.6	14.1	21.3	6.0	4.4	7.7	24.5	20.4	29.1
Yellow Medicine	21.2	16.0	27.8	9.0	6.6	11.8	25.3	19.6	31.7

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. 2008, 2009 and 2010 data were used to improve the precision for the 2009 county-level estimates of diagnosed diabetes and selected risk factors. The county-level estimates were developed using modern small area estimation techniques.

For more information on the methodology, go to:

http://www.cdc.gov/diabetes/atlas/countydata/County_Methods.html#countylevellestimates

¹ 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)

² During the past month, other than your regular job, did you participate in any physical activities or exercises such as

³ BMI ≥ 30

⁴ 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

⁵ Direct estimates from CDC BRFSS Trends and Prevalence Data

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

**Table 13a: Weight Status in Minnesota WIC Children Ages 2 to 5
by County of Residence, 2012 Minnesota WIC Information System**

County	Total Children [i]	Under-weight [ii]	Normal Weight	Over-weight	Obese	Very Obese
Minnesota	70,114	2.8%	68.5%	16.0%	4.7%	8.0%
Aitkin	210	3.3%	70.0%	14.3%	6.2%	6.2%
Anoka	2,976	3.1%	68.4%	16.9%	4.4%	7.2%
Becker	698	2.0%	65.2%	18.1%	5.6%	9.2%
Beltrami	1,386	1.7%	55.5%	19.8%	7.1%	15.8%
Benton	446	4.9%	72.2%	13.0%	4.5%	5.4%
Big Stone	94	4.3%	63.8%	19.1%	3.2%	9.6%
Blue Earth	699	3.6%	70.8%	14.7%	4.1%	6.7%
Brown	300	1.7%	65.0%	21.3%	4.3%	7.7%
Carlton	572	2.1%	66.4%	16.6%	4.7%	10.1%
Carver	422	0.9%	74.4%	17.5%	2.4%	4.7%
Cass	626	2.1%	54.6%	19.5%	7.8%	16.0%
Chippewa	201	5.5%	66.7%	16.4%	3.5%	8.0%
Chisago	453	3.1%	73.3%	13.2%	4.4%	6.0%
Clay	830	1.9%	72.9%	16.0%	3.3%	5.9%
Clearwater	158	0.6%	65.2%	15.2%	7.6%	11.4%
Cook	83	3.6%	66.3%	18.1%	6.0%	6.0%
Cottonwood	209	2.4%	70.3%	17.7%	4.8%	4.8%
Crow Wing	967	3.2%	72.2%	14.5%	4.8%	5.4%
Dakota	3,508	3.4%	70.5%	14.8%	4.1%	7.2%
Dodge	265	1.9%	66.0%	20.0%	5.3%	6.8%
Douglas	477	2.9%	75.1%	12.8%	3.8%	5.5%
Faribault	239	3.3%	66.9%	17.6%	7.1%	5.0%
Fillmore	222	3.2%	73.9%	11.7%	5.4%	5.9%
Freeborn	574	2.8%	69.9%	14.5%	5.6%	7.3%
Goodhue	452	2.9%	67.0%	16.6%	4.2%	9.3%
Grant	95	2.1%	66.3%	22.1%	4.2%	5.3%
Hennepin	15,145	3.3%	68.9%	15.1%	4.5%	8.2%
Houston	141	1.4%	71.6%	14.2%	6.4%	6.4%
Hubbard	373	1.9%	70.2%	13.4%	6.7%	7.8%
Isanti	551	2.5%	72.2%	13.6%	5.3%	6.4%
Itasca	595	2.7%	68.4%	14.8%	4.9%	9.2%
Jackson	103	2.9%	68.0%	14.6%	7.8%	6.8%
Kanabec	248	2.0%	71.8%	15.7%	4.4%	6.0%
Kandiyohi	843	2.5%	67.6%	17.7%	3.8%	8.4%
Kittson	64	1.6%	75.0%	15.6%	1.6%	6.3%
Koochiching	156	2.6%	65.4%	15.4%	7.1%	9.6%
Lac qui Parle	88	3.4%	76.1%	13.6%	2.3%	4.5%
Lake	139	3.6%	59.0%	20.9%	4.3%	12.2%
Lake of the Woods	44	2.3%	56.8%	25.0%	0.0%	15.9%
Le Sueur	274	1.8%	69.7%	15.0%	3.6%	9.9%
Lincoln	72	1.4%	68.1%	19.4%	4.2%	6.9%
Lyon	516	1.7%	69.0%	16.3%	5.8%	7.2%
Mahnomen	261	1.5%	55.6%	20.7%	6.5%	15.7%
Marshall	135	2.2%	64.4%	17.0%	5.9%	10.4%
Martin	294	1.7%	66.0%	16.3%	7.1%	8.8%
McLeod	459	2.8%	63.8%	19.6%	4.1%	9.6%
Meeker	338	1.8%	65.4%	23.1%	3.6%	6.2%

County	Total Children [i]	Under-weight [ii]	Normal Weight	Over-weight	Obese	Very Obese
Minnesota	70,114	2.8%	68.5%	16.0%	4.7%	8.0%
Mille Lacs	492	3.5%	69.1%	16.5%	4.5%	6.5%
Morrison	540	3.0%	77.6%	11.9%	3.5%	4.1%
Mower	834	2.5%	62.1%	19.4%	6.2%	9.7%
Murray	94	3.2%	68.1%	12.8%	4.3%	11.7%
Nicollet	337	2.1%	72.7%	13.9%	4.7%	6.5%
Nobles	545	2.2%	63.7%	18.5%	5.1%	10.5%
Norman	105	2.9%	69.5%	16.2%	3.8%	7.6%
Olmsted	2,089	3.2%	70.6%	15.6%	4.2%	6.4%
Otter Tail	734	2.9%	71.0%	15.4%	4.4%	6.4%
Pennington	253	1.6%	69.6%	17.8%	4.0%	7.1%
Pine	429	2.3%	69.0%	15.9%	5.8%	7.0%
Pipestone	216	2.3%	71.8%	15.3%	4.6%	6.0%
Polk	584	1.2%	73.6%	16.8%	3.4%	5.0%
Pope	180	3.3%	72.2%	16.7%	3.3%	4.4%
Ramsey	10,634	2.4%	66.5%	16.7%	5.5%	9.0%
Red Lake	79	3.8%	74.7%	11.4%	0.0%	10.1%
Redwood	288	1.7%	67.4%	18.4%	4.5%	8.0%
Renville	286	1.4%	71.3%	12.9%	4.2%	10.1%
Rice	1,004	3.1%	66.5%	16.7%	5.3%	8.4%
Rock	104	1.0%	72.1%	13.5%	4.8%	8.7%
Roseau	266	2.6%	66.2%	15.0%	5.3%	10.9%
St. Louis	2,024	2.5%	69.5%	16.0%	4.7%	7.3%
Scott	1,051	2.6%	71.6%	15.7%	4.1%	6.0%
Sherburne	858	4.4%	73.9%	14.0%	3.5%	4.2%
Sibley	243	2.9%	70.4%	12.3%	5.3%	9.1%
Stearns	1,741	3.4%	72.6%	13.9%	4.4%	5.7%
Steele	615	3.1%	68.0%	17.6%	4.2%	7.2%
Stevens	138	5.1%	65.9%	14.5%	3.6%	10.9%
Swift	190	6.8%	63.7%	16.8%	2.6%	10.0%
Todd	394	2.8%	68.0%	17.0%	4.8%	7.4%
Traverse	45	2.2%	64.4%	20.0%	2.2%	11.1%
Wabasha	208	1.9%	63.9%	20.2%	1.9%	12.0%
Wadena	218	1.4%	67.4%	19.7%	4.1%	7.3%
Waseca	274	1.8%	72.3%	15.0%	4.0%	6.9%
Washington	1,762	2.6%	67.8%	17.8%	5.0%	6.8%
Watonwan	256	2.7%	61.7%	16.0%	6.6%	12.9%
Wilkin	105	4.8%	69.5%	12.4%	5.7%	7.6%
Winona	501	2.8%	68.3%	15.4%	4.8%	8.8%
Wright	1,217	2.1%	73.0%	15.8%	3.8%	5.4%
Yellow Medicine	180	2.8%	69.4%	14.4%	6.1%	7.2%

[i] Reporting period is January 1 through December 31. Analyses based on one record per child.

Excludes records with unknown data or errors.

All data were obtained from the Minnesota WIC Information System.

[ii] Based on 2000 CDC growth chart percentiles for children 2 years of age and older:

underweight is defined as BMI-for-age < 5th percentile

overweight is defined as BMI-for-age >= 85th to < 95th percentile

obese is defined as >= 95th percentile to <97.5 percentile

very obese is defined as >=97.5 percentile.

Morbidity Table 14a: Number of Births and Number and Percent Tested for Elevated Blood Lead Levels (EBLL)

By State and County, 2006-2008 (Birth Year)

County	Number of Births			Number Tested			Percent Tested		
	2006	2007	2008	2006	2007	2008	2006	2007	2008
Minnesota	73,515	73,675	72,382	56,035	57,687	57,681	76.2	78.3	79.7
Aitkin	162	157	144	123	139	122	75.9	88.5	84.7
Anoka	4,471	4,543	4,378	3,438	3,686	3,703	76.9	81.1	84.6
Becker	432	429	477	293	288	308	67.8	67.1	64.6
Beltrami	725	734	768	219	281	357	30.2	38.3	46.5
Benton	620	615	623	583	577	597	94	93.8	95.8
Big Stone	54	68	54	45	48	42	83.3	70.6	77.8
Blue Earth	792	800	802	645	716	638	81.4	89.5	79.6
Brown	331	281	322	175	196	243	52.9	69.8	75.5
Carlton	429	413	419	458	390	421	106.8**	94.4	100.5**
Carver	1,338	1,269	1,194	741	800	810	55.4	63	67.8
Cass	371	354	373	214	194	203	57.7	54.8	54.4
Chippewa	174	166	152	152	142	157	87.4	85.5	103.3**
Chisago	696	681	631	493	553	519	70.8	81.2	82.3
Clay	757	782	780	415	409	466	54.8	52.3	59.7
Clearwater	127	118	121	25	33	43	19.7	28	35.5
Cook	47	53	48	26	39	31	55.3	73.6	64.6
Cottonwood	146	136	129	69	54	66	47.3	39.7	51.2
Crow Wing	812	809	764	730	680	629	89.9	84.1	82.3
Dakota	5,664	5,592	5,570	4,159	4,090	4,275	73.4	73.1	76.8
Dodge	297	270	293	164	141	166	55.2	52.2	56.7
Douglas	421	413	427	337	339	343	80	82.1	80.3
Faribault	164	160	147	134	142	125	81.7	88.8	85
Fillmore	283	309	277	121	138	138	42.8	44.7	49.8
Freeborn	378	361	391	268	308	320	70.9	85.3	81.8
Goodhue	601	589	577	421	408	411	70	69.3	71.2
Grant	80	73	64	56	52	48	70	71.2	75
Hennepin	16,780	16,848	16,566	12,154	12,478	12,547	72.4	74.1	75.7
Houston	255	233	208	164	154	150	64.3	66.1	72.1
Hubbard	236	215	249	102	99	132	43.2	46	53
Isanti	533	514	529	437	495	471	82	96.3	89
Itasca	514	528	469	441	458	429	85.8	86.7	91.5
Jackson	108	131	99	61	74	64	56.5	56.5	64.6
Kanabec	210	212	179	142	171	142	67.6	80.7	79.3
Kandiyohi	608	625	594	533	582	600	87.7	93.1	101.0**
Kittson	42	43	38	23	16	27	54.8	37.2	71.1
Koochiching	114	122	126	94	90	111	82.5	73.8	88.1
Lac qui Parle	75	75	69	61	55	55	81.3	73.3	79.7
Lake	103	110	126	96	106	124	93.2	96.4	98.4
Lake of the Woods	38	47	30	17	19	12	44.7	40.4	40
Le Sueur	402	367	327	260	253	231	64.7	68.9	70.6
Lincoln	70	75	64	27	44	37	38.6	58.7	57.8
Lyon	382	366	376	356	353	412	93.2	96.4	109.6**

Morbidity Table 14a: Number of Births and Number and Percent Tested for Elevated Blood Lead Levels (EBLL)

By State and County, 2006-2008 (Birth Year)

County	Number of Births			Number Tested			Percent Tested		
	2006	2007	2008	2006	2007	2008	2006	2007	2008
McLeod	563	505	473	461	421	388	81.9	83.4	82
Mahnomen	83	92	107	35	29	26	42.2	31.5	24.3
Marshall	95	123	105	50	74	57	52.6	60.2	54.3
Martin	229	287	206	198	234	170	86.5	81.5	82.5
Meeker	323	326	297	239	232	228	74	71.2	76.8
Mille Lacs	371	372	373	234	225	273	63.1	60.5	73.2
Morrison	443	442	472	317	365	398	71.6	82.6	84.3
Mower	575	549	633	373	375	464	64.9	68.3	73.3
Murray	88	103	83	54	81	65	61.4	78.6	78.3
Nicollet	439	419	416	367	349	372	83.6	83.3	89.4
Nobles	344	366	362	309	336	329	89.8	91.8	90.9
Norman	60	74	93	26	32	41	43.3	43.2	44.1
Olmsted	2,210	2,347	2,289	762	827	897	34.5	35.2	39.2
Otter Tail	632	666	619	302	351	326	47.8	52.7	52.7
Pennington	200	195	170	97	111	93	48.5	56.9	54.7
Pine	363	322	343	268	278	297	73.8	86.3	86.6
Pipestone	143	132	125	37	47	59	25.9	35.6	47.2
Polk	395	389	418	179	183	165	45.3	47	39.5
Pope	120	137	124	76	108	104	63.3	78.8	83.9
Ramsey	7,578	7,693	7,778	6,471	6,762	6,846	85.4	87.9	88
Red Lake	41	55	58	24	26	28	58.5	47.3	48.3
Redwood	227	212	197	167	169	194	73.6	79.7	98.5
Renville	226	160	195	182	189	206	80.5	118.1**	105.6**
Rice	842	796	794	711	702	693	84.4	88.2	87.3
Rock	134	147	128	68	96	95	50.7	65.3	74.2
Roseau	195	206	196	44	59	69	22.6	28.6	35.2
Saint Louis	2,167	2,107	2,165	2,028	1,989	2,000	93.6	94.4	92.4
Scott	2,118	2,179	2,062	1,380	1,432	1,427	65.2	65.7	69.2
Sherburne	1,385	1,388	1,286	1,130	1,088	1,015	81.6	78.4	78.9
Sibley	215	203	192	150	164	158	69.8	80.8	82.3
Stearns	1,990	1,998	1,961	1,762	1,797	1,771	88.5	89.9	90.3
Steele	541	549	568	470	492	514	86.9	89.6	90.5
Stevens	122	123	112	88	94	104	72.1	76.4	92.9
Swift	111	100	125	95	103	119	85.6	103.0**	95.2
Todd	319	356	315	221	259	213	69.3	72.8	67.6
Traverse	44	37	33	24	19	19	54.5	51.4	57.6
Wabasha	256	290	265	160	166	177	62.5	57.2	66.8
Wadena	196	187	189	106	97	116	54.1	51.9	61.4
Waseca	272	260	210	251	243	213	92.3	93.5	101.4**
Washington	2,960	2,943	2,891	1,946	2,164	2,289	65.7	73.5	79.2
Watsonwan	160	183	144	129	145	100	80.6	79.2	69.4
Wilkin	74	88	69	44	37	45	59.5	42	65.2
Winona	538	562	544	341	399	385	63.4	71	70.8
Wright	2,152	2,183	2,095	1,487	1,596	1,525	69.1	73.1	72.8
Yellow Medicine	134	137	125	102	116	92	76.1	84.7	73.6

Morbidity Table 14a: Number of Births and Number and Percent Tested for Elevated Blood Lead Levels (EBLL)

By State and County, 2006-2008 (Birth Year)

County	Number of Births			Number Tested			Percent Tested		
	2006	2007	2008	2006	2007	2008	2006	2007	2008
Aitkin, Itasca and Koochiching	790	807	739	658	687	662	83.3	85.1	89.6
Beltrami, Clearwater, Hubbard and Lake of the Woods	1,126	1,114	1,168	363	432	544	32.2	38.8	46.6
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	548	546	525	454	464	465	82.8	85.0	88.6
Brown and Nicollet	770	700	738	542	545	615	70.4	77.9	83.3
Carlton, Cook, Lake and St. Louis	2,746	2,683	2,758	2,607	2,524	2,576	94.9	94.1	93.4
Clay and Wilkin	831	870	849	459	446	511	55.2	51.3	60.2
Cottonwood and Jackson	254	267	228	130	128	130	51.2	47.9	57.0
Dodge and Steele	838	819	861	635	633	680	75.8	77.3	79.0
Douglas, Grant, Pope, Stevens and Traverse	787	783	760	581	612	618	73.8	78.2	81.3
Faribault and Martin	393	447	353	332	376	295	84.5	84.1	83.6
Fillmore and Houston	538	542	485	285	292	288	53.0	53.9	59.4
Isanti and Mille Lacs	904	886	902	672	720	744	74.3	81.3	82.5
Kanabec and Pine	573	534	522	410	449	439	71.6	84.1	84.1
Kandiyohi and Renville	834	785	789	714	771	806	85.6	98.2	102.2
Kittson, Marshall, Pennington, Red Lake and Roseau	573	622	567	238	286	274	41.5	46.0	48.3
Le Sueur and Waseca	674	627	537	511	496	444	75.8	79.1	82.7
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	1,044	1,035	973	708	790	862	67.8	76.3	88.6
Mahnomen, Norman and Polk	538	555	618	240	244	232	44.6	44.0	37.5
Meeker, McCleod and Sibley	1,101	1,034	962	849	817	774	77.1	79.0	80.5
Morrison, Todd and Wadena	958	985	976	643	721	727	67.1	73.2	74.5

Source: Minnesota Department of Health, Minnesota Public Health Data Access Network (extracted from Minnesota Department of Health, Blood Lead Information System
<https://apps.health.state.mn.us/mndata/lead>

For more information about blood lead data go to:
https://apps.health.state.mn.us/mndata/lead_metadata

¹EBLL - 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, 2006-2008 (Birth Year)

County	Number Tested			Number EBLL ¹			Percent EBLL ¹		
	2006	2007	2008	2006	2007	2008	2006	2007	2008
Minnesota	56,035	57,687	57,681	275	233	216	0.49	0.40	0.37
Aitkin	123	139	122	0	1	0	0.00	0.72	0.00
Anoka	3,438	3,686	3,703	3	1	2	0.09	0.03	0.05
Becker	293	288	308	0	1	0	0.00	0.35	0.00
Beltrami	219	281	357	1	0	1	0.46	0.00	0.28
Benton	583	577	597	1	1	0	0.17	0.17	0.00
Big Stone	45	48	42	0	0	0	0.00	0.00	0.00
Blue Earth	645	716	638	2	6	1	0.31	0.84	0.16
Brown	175	196	243	0	3	1	0.00	1.53	0.41
Carlton	458	390	421	1	1	0	0.22	0.26	0.00
Carver	741	800	810	2	5	1	0.27	0.63	0.12
Cass	214	194	203	0	0	0	0.00	0.00	0.00
Chippewa	152	142	157	0	0	1	0.00	0.00	0.64
Chisago	493	553	519	1	1	1	0.20	0.18	0.19
Clay	415	409	466	0	2	0	0.00	0.49	0.00
Clearwater	25	33	43	0	0	0	0.00	0.00	0.00
Cook	26	39	31	0	0	0	0.00	0.00	0.00
Cottonwood	69	54	66	0	2	1	0.00	3.70	1.52
Crow Wing	730	680	629	1	1	0	0.14	0.15	0.00
Dakota	4,159	4,090	4,275	3	3	4	0.07	0.07	0.09
Dodge	164	141	166	0	0	0	0.00	0.00	0.00
Douglas	337	339	343	0	0	1	0.00	0.00	0.29
Faribault	134	142	125	2	2	2	1.49	1.41	1.60
Fillmore	121	138	138	0	0	1	0.00	0.00	0.72
Freeborn	268	308	320	2	4	1	0.75	1.30	0.31
Goodhue	421	408	411	5	1	1	1.19	0.25	0.24
Grant	56	52	48	0	1	0	0.00	1.92	0.00
Hennepin	12,154	12,478	12,547	97	76	78	0.80	0.61	0.62
Houston	164	154	150	1	2	1	0.61	1.30	0.67
Hubbard	102	99	132	0	0	0	0.00	0.00	0.00
Isanti	437	495	471	0	2	0	0.00	0.40	0.00
Itasca	441	458	429	0	2	0	0.00	0.44	0.00
Jackson	61	74	64	0	1	0	0.00	1.35	0.00
Kanabec	142	171	142	1	0	1	0.70	0.00	0.70
Kandiyohi	533	582	600	0	2	0	0.00	0.34	0.00
Kittson	23	16	27	1	0	0	4.35	0.00	0.00
Koochiching	94	90	111	1	0	0	1.06	0.00	0.00
Lac qui Parle	61	55	55	1	2	1	1.64	3.64	1.82
Lake	96	106	124	0	0	0	0.00	0.00	0.00
Lake of the Woods	17	19	12	0	0	0	0.00	0.00	0.00
Le Sueur	260	253	231	1	0	0	0.38	0.00	0.00
Lincoln	27	44	37	0	0	1	0.00	0.00	2.70
Lyon	356	353	412	2	0	1	0.56	0.00	0.24

Morbidity Table 14b: Number Tested and Number and Percent Tested with Elevated Blood Lead Levels (EBLL)

By State and County, 2006-2008 (Birth Year)

County	Number Tested			Number EBLL ¹			Percent EBLL ¹		
	2006	2007	2008	2006	2007	2008	2006	2007	2008
McLeod	461	421	388	2	1	0	0.43	0.24	0.00
Mahnomen	35	29	26	0	0	0	0.00	0.00	0.00
Marshall	50	74	57	0	0	0	0.00	0.00	0.00
Martin	198	234	170	0	0	2	0.00	0.00	1.18
Meeker	239	232	228	2	2	0	0.84	0.86	0.00
Mille Lacs	234	225	273	1	1	1	0.43	0.44	0.37
Morrison	317	365	398	2	1	1	0.63	0.27	0.25
Mower	373	375	464	2	6	5	0.54	1.60	1.08
Murray	54	81	65	0	0	1	0.00	0.00	1.54
Nicollet	367	349	372	2	0	3	0.54	0.00	0.81
Nobles	309	336	329	2	1	1	0.65	0.30	0.30
Norman	26	32	41	0	0	0	0.00	0.00	0.00
Olmsted	762	827	897	4	2	4	0.52	0.24	0.45
Otter Tail	302	351	326	1	0	0	0.33	0.00	0.00
Pennington	97	111	93	0	0	0	0.00	0.00	0.00
Pine	268	278	297	0	0	1	0.00	0.00	0.34
Pipestone	37	47	59	0	2	1	0.00	4.26	1.69
Polk	179	183	165	8	3	0	4.47	1.64	0.00
Pope	76	108	104	1	0	2	1.32	0.00	1.92
Ramsey	6,471	6,762	6,846	78	56	51	1.21	0.83	0.74
Red Lake	24	26	28	0	0	0	0.00	0.00	0.00
Redwood	167	169	194	2	0	0	1.20	0.00	0.00
Renville	182	189	206	2	2	2	1.10	1.06	0.97
Rice	711	702	693	5	2	1	0.70	0.28	0.14
Rock	68	96	95	0	0	0	0.00	0.00	0.00
Roseau	44	59	69	0	0	0	0.00	0.00	0.00
Saint Louis	2,028	1,989	2,000	12	4	11	0.59	0.20	0.55
Scott	1,380	1,432	1,427	3	0	2	0.22	0.00	0.14
Sherburne	1,130	1,088	1,015	0	3	0	0.00	0.28	0.00
Sibley	150	164	158	0	1	0	0.00	0.61	0.00
Stearns	1,762	1,797	1,771	2	3	1	0.11	0.17	0.06
Steele	470	492	514	3	2	2	0.64	0.41	0.39
Stevens	88	94	104	0	0	0	0.00	0.00	0.00
Swift	95	103	119	0	2	1	0.00	1.94	0.84
Todd	221	259	213	0	1	1	0.00	0.39	0.47
Traverse	24	19	19	0	0	0	0.00	0.00	0.00
Wabasha	160	166	177	0	2	1	0.00	1.20	0.56
Wadena	106	97	116	0	0	0	0.00	0.00	0.00
Waseca	251	243	213	1	1	1	0.40	0.41	0.47
Washington	1,946	2,164	2,289	1	4	5	0.05	0.18	0.22
Watonwan	129	145	100	3	0	2	2.33	0.00	2.00
Wilkin	44	37	45	0	0	1	0.00	0.00	2.22
Winona	341	399	385	3	3	7	0.88	0.75	1.82
Wright	1,487	1,596	1,525	0	1	1	0.00	0.06	0.07
Yellow Medicine	102	116	92	1	0	0	0.98	0.00	0.00

Morbidity Table 14b: Number Tested and Number and Percent Tested with Elevated Blood Lead Levels (EBLL)

By State and County, 2006-2008 (Birth Year)

County	Number Tested			Number EBLL ¹			Percent EBLL ¹		
	2006	2007	2008	2006	2007	2008	2006	2007	2008
Aitkin, Itasca and Koochiching	658	687	662	1	3	0	0.15	0.44	0.00
Beltrami, Clearwater, Hubbard and Lake of the Woods	363	432	544	1	0	1	0.28	0.00	0.18
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	454	464	465	2	4	3	0.44	0.86	0.65
Brown and Nicollet	542	545	615	2	3	4	0.37	0.55	0.65
Carlton, Cook, Lake and St. Louis	2,607	2,524	2,576	13	5	11	0.50	0.20	0.43
Clay and Wilkin	459	446	511	0	2	1	0.00	0.45	0.20
Cottonwood and Jackson	130	128	130	0	3	1	0.00	2.34	0.77
Dodge and Steele	635	633	680	3	2	2	0.47	0.32	0.29
Douglas, Grant, Pope, Stevens and Traverse	581	612	618	1	1	3	0.17	0.16	0.49
Faribault and Martin	332	376	295	2	2	4	0.60	0.53	1.36
Fillmore and Houston	285	292	288	1	2	2	0.35	0.68	0.69
Isanti and Mille Lacs	672	720	744	1	3	1	0.15	0.42	0.13
Kanabec and Pine	410	449	439	1	0	2	0.24	0.00	0.46
Kandiyohi and Renville	714	771	806	2	4	2	0.28	0.52	0.25
Kittson, Marshall, Pennington, Red Lake and Roseau	238	286	274	1	0	0	0.42	0.00	0.00
Le Sueur and Waseca	511	496	444	2	1	1	0.39	0.20	0.23
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	708	790	862	4	2	4	0.56	0.25	0.46
Mahnomen, Norman and Polk	240	244	232	8	3	0	3.33	1.23	0.00
Meeker, McCleod and Sibley	849	817	774	4	4	0	0.47	0.49	0.00
Morrison, Todd and Wadena	643	721	727	2	2	2	0.31	0.28	0.28

Source: Minnesota Department of Health, Minnesota Public Health Data Access Network (extracted from Minnesota Department of Health, Blood Lead Information System
<https://apps.health.state.mn.us/mndata/lead>

For more information about blood lead data go to:
https://apps.health.state.mn.us/mndata/lead_metadata

¹EBLL - 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

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 15: CO Hospitalizations and Emergency Department Visits:

Age adjusted rate per 100,000

By State and County, 2008-2010

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval	Emergency Department Visits		95% Confidence Interval
		Number	AA Rate ¹		Number	AA Rate ¹	
Minnesota	15,832,146	127	0.7	0.6 - 0.9	1,193	7.6	7.2 - 8.1
Aitkin	48,792	0	0		6	11.1	3.3 - 27.3
Anoka	987,906	5	0.6	0.2 - 1.4	87	9.1	7.3 - 11.3
Becker	97,155	*	*		22	20.9	12.9 - 32.1
Beltrami	132,483	4	2.4	0.6 - 6.2	30	21.6	14.3 - 31.3
Benton	115,069	0	0		8	6.4	2.7 - 12.8
Big Stone	15,882	0	0		*	*	
Blue Earth	190,438	1	0.9	0.0 - 4.7	10	5.5	2.5 - 10.4
Brown	77,775	*	*		23	33.7	21.4 - 50.6
Carlton	105,641	0	0		3	2.7	0.5 - 7.9
Carver	270,096	3	1.3	0.2 - 4.0	19	7.1	4.2 - 11.2
Cass	85,783	0	0		*	*	
Chippewa	37,177	*	*		6	16.5	5.6 - 37.8
Chisago	160,425	1	0.7	0.0 - 3.9	29	18.9	12.6 - 27.3
Clay	174,406	0	0		4	2.6	0.7 - 6.6
Clearwater	25,943	0	0		*	*	
Cook	15,634	0	0		0	0	
Cottonwood	35,020	0	0		0	0	
Crow Wing	186,985	3	1.3	0.3 - 3.8	21	12	7.4 - 18.5
Dakota	1,189,358	5	0.4	0.1 - 0.9	44	3.7	2.7 - 5.0
Dodge	59,884	0	0		0	0	
Douglas	108,193	1	0.6	0.0 - 3.2	8	8.3	3.4 - 16.7
Faribault	43,994	0	0		*	*	
Fillmore	62,778	*	*		*	*	
Freeborn	93,838	0	0		*	*	
Goodhue	138,137	2	1.5	0.2 - 5.5	11	9	4.4 - 16.2
Grant	18,153	*	*		*	*	
Hennepin	3,434,319	29	0.8	0.5 - 1.1	261	7.7	6.7 - 8.6
Houston	57,237	0	0		0	0	
Hubbard	61,163	*	*		14	27.5	14.2 - 47.8
Isanti	113,476	2	1.7	0.2 - 6.1	8	7.4	3.2 - 14.7
Itasca	134,976	2	1	0.1 - 3.5	11	8.4	4.0 - 15.6
Jackson	30,906	0	0		0	0	
Kanabec	49,068	*	*		15	31.3	17.3 - 52.3
Kandiyohi	126,137	1	0.5	0.0 - 3.1	12	10	5.0 - 17.7
Kittson	13,727	0	0		0	0	
Koochiching	40,019	0	0		*	*	
Lac Qui Parle	21,903	*	*		*	*	
Lake	32,610	0	0		0	0	
Lake of the Woods	12,216	0	0		0	0	
Le Sueur	83,249	*	*		7	8.9	3.5 - 18.6
Lincoln	17,725	0	0		*	*	
Lyon	77,271	0	0		*	*	
McLeod	110,230	1	1.1	0.0 - 6.4	11	10.5	5.2 - 18.9

Morbidity Table 15: CO Hospitalizations and Emergency Department Visits:

Age adjusted rate per 100,000

By State and County, 2008-2010

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval	Emergency Department Visits		95% Confidence Interval
		Number	AA Rate ¹		Number	AA Rate ¹	
Minnesota	15,832,146	127	0.7	0.6 - 0.9	1,193	7.6	7.2 - 8.1
Mahnomen	16,156	*	*		*	*	
Marshall	28,468	0	0		*	*	
Martin	62,544	0	0		*	*	
Meeker	70,052	*	*		*	*	
Mille Lacs	78,395	*	*		23	31.3	19.7 - 47.2
Morrison	99,621	0	0		10	11.1	5.3 - 20.6
Mower	116,881	1	0.7	0.0 - 4.1	5	4.1	1.3 - 9.7
Murray	26,251	0	0		*	*	
Nicollet	97,534	*	*		*	*	
Nobles	63,822	0	0		9	15.5	7.0 - 29.5
Norman	20,509	*	*		*	*	
Olmsted	429,296	1	0.2	0.0 - 1.1	12	2.9	1.5 - 5.1
Otter Tail	172,327	0	0		14	10.8	5.8 - 18.4
Pennington	41,645	0	0		*	*	
Pine	89,019	*	*		9	10.6	4.7 - 20.3
Pipestone	28,851	0	0		*	*	
Polk	94,198	*	*		8	8.2	3.5 - 16.3
Pope	33,113	0	0		8	27.6	11.7 - 55.1
Ramsey	1,518,120	14	0.9	0.5 - 1.5	99	6.3	5.1 - 7.7
Red Lake	12,316	*	*		*	*	
Redwood	48,173	0	0		*	*	
Renville	47,473	*	*		*	*	
Rice	191,062	2	1.2	0.1 - 4.3	20	10.1	6.1 - 15.8
Rock	28,936	0	0		*	*	
Roseau	47,400	0	0		6	17.4	6.2 - 38.8
St. Louis	600,169	5	0.7	0.2 - 1.6	67	12.7	9.7 - 16.2
Scott	385,071	2	0.5	0.1 - 1.8	36	9.2	6.4 - 12.8
Sherburne	263,874	1	0.3	0.0 - 1.8	23	8.8	5.5 - 13.4
Sibley	45,649	0	0		*	*	
Stearns	448,645	5	1.2	0.4 - 2.7	30	7	4.6 - 10.0
Steele	109,818	0	0		8	7.6	3.2 - 15.2
Stevens	29,172	*	*		*	*	
Swift	29,576	*	*		*	*	
Todd	74,593	0	0		0	0	
Traverse	10,795	0	0		*	*	
Wabasha	65,197	0	0		*	*	
Wadena	41,512	0	0		*	*	
Waseca	57,086	0	0		*	*	
Washington	707,126	4	0.6	0.2 - 1.6	26	4.1	2.6 - 6.0
Watonwan	33,502	0	0		0	0	
Wilkin	19,761	0	0		0	0	
Winona	154,340	2	1	0.1 - 3.6	5	3.1	1.0 - 7.4
Wright	369,573	1	0.3	0.0 - 1.4	24	6.5	4.2 - 9.7
Yellow Medicine	31,348	0	0		0	0	

Morbidity Table 15: CO Hospitalizations and Emergency Department Visits:

Age adjusted rate per 100,000

By State and County, 2008-2010

State/County/CHB	Three-Year Total Population	Hospitalizations		95% Confidence Interval	Emergency Department Visits		95% Confidence Interval
		Number	AA Rate ¹		Number	AA Rate ¹	
Minnesota	15,832,146	127	0.7	0.6 - 0.9	1,193	7.6	7.2 - 8.1
Aitkin-Itasca-Koochiching	223,787	2	0.6	0.1 - 2.1	19	8.5	4.8 - 13.8
Beltrami, Clearwater, Hubbard and Lake of the Woods	231,805	7	3.2	1.2 - 6.7	45	20.3	14.6 - 27.4
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	135,886	4	2.5	0.6 - 6.7	14	10.0	5.3 - 17.3
Brown-Nicollet	175,309	2	1.1	0.1 - 4.1	26	15.4	10.0 - 22.6
Carlton-Cook-Lake-St. Louis	754,054	5	0.5	0.2 - 1.3	70	10.4	8.0 - 13.2
Clay-Wilkin	194,167	0	0.0		4	2.3	0.6 - 6.0
Cottonwood-Jackson	65,926	0	0.0		0	0.0	
Dodge-Steele	169,702	0	0.0		8	4.9	2.1 - 9.8
Douglas, Grant, Pope, Stevens and Traverse	199,426	3	1.4	0.2 - 4.2	21	11.2	6.8 - 17.4
Faribault-Martin	106,538	0	0.0		4	4.8	1.3 - 12.5
Fillmore-Houston	120,015	1	0.4	0.0 - 2.2	3	2.0	0.4 - 6.0
Isanti-Mille Lacs	191,871	4	2.0	0.5 - 5.2	31	16.9	11.4 - 24.0
Kanabec-Pine	138,087	3	1.7	0.4 - 5.1	24	18.0	11.4 - 27.0
Kandiyohi-Renville	173,610	3	1.2	0.2 - 3.5	17	9.9	5.6 - 16.1
Kittson, Marshall, Pennington, Red Lake and Roseau	143,556	1	0.6	0.0 - 3.5	11	8.5	4.1 - 15.5
Le Sueur-Waseca	140,335	1	0.7	0.0 - 3.6	10	7.3	3.5 - 13.6
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	227,207	0	0.0		17	8.0	4.6 - 13.0
Meeker-McLeod-Sibley	225,931	2	1.0	0.1 - 3.7	18	8.4	4.9 - 13.3
Morrison-Todd-Wadena	215,726	0	0.0		11	5.6	2.7 - 10.1
Polk-Norman-Mahnomen	130,863	5	2.6	0.8 - 6.3	13	8.3	4.3 - 14.6

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>

¹Age 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

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 16: Licensed and Practicing Dentists

Dentists renew licenses every two years, the most recent data are the 2010 data found in the 2011 Minnesota County Health Tables, Morbidity Table 10.

[2011 Minnesota County Health Tables](#)

**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
Minnesota	4,534,170	468,857	10.3	0.2
Aitkin	11,685	1,557	13.3	1.3
Anoka	295,811	29,059	9.8	0.8
Becker	26,799	3,300	12.3	1.2
Beltrami	37,425	5,456	14.6	1.4
Benton	33,677	3,441	10.2	1.2
Big Stone	3,930	451	11.5	1.3
Blue Earth	52,975	5,801	11.0	1.3
Brown	20,193	1,826	9.0	1.0
Carlton	28,784	3,322	11.5	1.1
Carver	82,540	6,100	7.4	0.8
Cass	22,570	3,260	14.4	1.3
Chippewa	9,992	1,044	10.4	1.2
Chisago	46,340	4,255	9.2	0.9
Clay	48,596	4,550	9.4	1.1
Clearwater	7,072	1,078	15.2	1.5
Cook	4,132	541	13.1	1.4
Cottonwood	9,154	1,030	11.3	1.2
Crow Wing	50,619	6,047	11.9	1.1
Dakota	356,691	27,614	7.7	0.7
Dodge	17,545	1,599	9.1	1.0
Douglas	28,709	3,121	10.9	1.1
Faribault	11,195	1,202	10.7	1.1
Fillmore	16,759	2,235	13.3	1.3
Freeborn	24,642	2,780	11.3	1.1
Goodhue	38,173	3,892	10.2	1.0
Grant	4,667	540	11.6	1.3
Hennepin	1,009,641	114,837	11.4	0.6
Houston	15,597	1,451	9.3	1.0

**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
Minnesota	4,534,170	468,857	10.3	0.2
Hubbard	16,076	2,076	12.9	1.3
Isanti	32,924	3,457	10.5	1.1
Itasca	36,042	4,001	11.1	1.1
Jackson	8,166	810	9.9	1.1
Kanabec	13,471	1,560	11.6	1.2
Kandiyohi	35,014	3,668	10.5	1.0
Kittson	3,499	397	11.3	1.2
Koochiching	10,591	1,174	11.1	1.2
Lac qui Parle	5,486	563	10.3	1.1
Lake	8,375	845	10.1	1.2
Lake of the Woods	3,216	407	12.7	1.5
Le Sueur	23,554	2,535	10.8	1.1
Lincoln	4,431	513	11.6	1.3
Lyon	21,500	2,170	10.1	1.2
McLeod	30,764	2,900	9.4	1.0
Mahnomen	4,630	655	14.1	1.6
Marshall	7,561	846	11.2	1.2
Martin	16,419	1,827	11.1	1.1
Meeker	19,280	2,112	11.0	1.1
Mille Lacs	21,656	2,778	12.8	1.3
Morrison	27,675	3,204	11.6	1.1
Mower	32,087	3,912	12.2	1.2
Murray	6,723	726	10.8	1.2
Nicollet	26,687	2,228	8.3	1.0
Nobles	17,847	2,820	15.8	1.6
Norman	5,364	667	12.4	1.3
Olmsted	124,529	10,410	8.4	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
Minnesota	4,534,170	468,857	10.3	0.2
Otter Tail	44,870	5,077	11.3	1.0
Pennington	11,575	1,160	10.0	1.2
Pine	23,234	3,031	13.0	1.2
Pipestone	7,616	871	11.4	1.3
Polk	25,575	2,496	9.8	1.0
Pope	8,602	1,018	11.8	1.3
Ramsey	436,445	50,179	11.5	0.8
Red Lake	3,364	366	10.9	1.3
Redwood	12,816	1,434	11.2	1.1
Renville	12,517	1,395	11.1	1.1
Rice	49,485	5,349	10.8	1.1
Rock	7,762	787	10.1	1.1
Roseau	13,216	1,388	10.5	1.1
St. Louis	162,232	17,186	10.6	0.9
Scott	119,054	9,964	8.4	0.8
Sherburne	79,313	7,462	9.4	1.0
Sibley	12,693	1,581	12.5	1.3
Stearns	125,831	12,959	10.3	1.0
Steele	30,937	2,744	8.9	1.0
Stevens	7,349	771	10.5	1.3
Swift	7,754	881	11.4	1.3
Todd	20,423	3,072	15.0	1.5
Traverse	2,596	361	13.9	1.5
Wabasha	17,847	1,884	10.6	1.1
Wadena	10,829	1,235	11.4	1.3
Waseca	15,118	1,379	9.1	1.1
Washington	210,153	14,494	6.9	0.7
Watonwan	9,043	1,426	15.8	1.6
Wilkin	5,348	501	9.4	1.1
Winona	40,679	4,954	12.2	1.4
Wright	112,080	9,939	8.9	0.9
Yellow Medicine	8,330	866	10.4	1.2

**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
Minnesota	4,534,170	468,857	10.3	0.2
Aitkin, Itasca and Koochiching	58,318	6,732	11.5	NA
Beltrami, Clearwater, Hubbard and Lake of the Woods	63,789	9,017	14.1	NA
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	35,492	3,805	10.7	NA
Brown and Nicollet	46,880	4,054	8.6	NA
Carlton, Cook, Lake and St. Louis	203,523	21,894	10.8	NA
Morrison, Todd and Wadena	58,927	7,511	12.7	NA
Clay and Wilkin	53,944	5,051	9.4	NA
Cottonwood and Jackson	17,320	1,840	10.6	NA
Dodge and Steele	48,482	4,343	9.0	NA
Faribault and Martin	27,614	3,029	11.0	NA
Fillmore and Houston	32,356	3,686	11.4	NA
Douglas, Grant, Pope, Stevens and Traverse	51,923	5,811	11.2	NA
Isanti and Mille Lacs	54,580	6,235	11.4	NA
Kanabec and Pine	36,705	4,591	12.5	NA
Kittson, Marshall, Pennington, Red Lake and Roseau	39,215	4,157	10.6	NA
Le Sueur and Waseca	38,672	3,914	10.1	NA
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	60,848	6,501	10.7	NA
Mahnomen, Norman and Polk	35,569	3,818	10.7	NA
Meeker, McCleod and Sibley	62,737	6,593	10.5	NA
Kandiyohi and Renville	47,531	5,063	10.7	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 2010.

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.

SAHIE 2008 - 2010 Demographic and Income Model Methodology, Summary for Counties and for States

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

The 2010 SAHIE estimates utilize the American Community Survey (ACS) as the base, similar to the estimates for 2008 and 2009. 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 2008-10 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 19-641

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[^] of Adults -
County Synthetic Estimates and State Estimates, 2011***

Estimated Percent of:					
	Overweight (Not Obese)**	Obese	Current Smokers	Acute Drinking	Chronic Drinking
State of Minnesota	36.9	25.7	19.2	22.7	8.1
Aitkin	39.0	26.9	16.4	17.5	7.1
Anoka	36.7	26.2	19.7	23.5	8.2
Becker	37.8	26.3	18.1	20.6	7.7
Beltrami	36.0	24.7	19.5	23.1	8.3
Benton	36.5	25.2	19.8	23.9	8.3
Big Stone	38.5	25.8	16.5	18.1	7.2
Blue Earth	34.6	23.0	20.5	25.2	8.7
Brown	37.5	25.4	17.9	20.6	7.7
Carlton	37.7	26.2	18.8	22.2	7.9
Carver	36.8	26.4	19.7	23.5	8.1
Cass	38.3	26.7	17.4	19.3	7.4
Chippewa	37.6	25.8	17.7	20.2	7.6
Chisago	37.3	26.4	19.3	22.9	8.0
Clay	35.2	23.8	20.1	24.3	8.5
Clearwater	37.8	26.1	17.9	20.3	7.6
Cook	38.3	27.0	17.4	19.1	7.4
Cottonwood	38.0	25.8	17.2	19.4	7.4
Crow Wing	37.7	26.1	18.0	20.5	7.7
Dakota	36.7	26.1	19.7	23.2	8.2
Dodge	37.2	26.1	19.1	22.6	8.0
Douglas	37.6	25.8	18.0	20.5	7.7
Faribault	38.1	25.9	17.3	19.5	7.5
Fillmore	37.9	25.9	17.7	20.1	7.6
Freeborn	37.9	25.9	17.7	20.1	7.6
Goodhue	37.6	26.1	18.2	20.9	7.7
Grant	38.2	26.0	17.3	19.5	7.4
Hennepin	36.4	25.5	19.8	23.7	8.3
Houston	37.7	26.1	18.0	20.4	7.7
Hubbard	38.3	26.6	17.4	19.2	7.4
Isanti	37.1	26.1	19.2	22.7	8.0
Itasca	37.9	26.4	17.8	20.0	7.6
Jackson	38.0	25.9	17.7	20.3	7.6
Kanabec	37.7	26.5	18.3	21.0	7.7
Kandiyohi	37.1	25.5	18.5	21.5	7.9
Kittson	38.5	26.4	16.8	18.7	7.2
Koochiching	38.0	26.5	17.6	19.8	7.5
Lac Qui Parle	38.7	26.2	16.7	18.5	7.3
Lake	38.5	26.3	17.2	19.1	7.4
Lake of the Woods	38.5	27.0	17.4	19.2	7.4
Le Sueur	37.5	26.4	18.8	21.9	7.9
Lincoln	38.5	25.8	16.8	18.8	7.2
Lyon	36.2	24.6	19.4	23.2	8.3
McLeod	37.3	25.9	18.6	21.7	7.9
Mahnomen	37.5	26.0	18.3	21.1	7.8
Marshall	38.1	26.2	17.8	20.3	7.6
Martin	38.0	25.9	17.4	19.6	7.5

**Morbidity Table 18: Minnesota Behavioral Risk Factors[^] of Adults -
County Synthetic Estimates and State Estimates, 2011***

Estimated Percent of:					
	Overweight (Not Obese)**	Obese	Current Smokers	Acute Drinking	Chronic Drinking
State of Minnesota	36.9	25.7	19.2	22.7	8.1
Meeker	37.8	26.2	18.2	20.9	7.7
Mille Lacs	37.4	25.9	18.5	21.5	7.8
Morrison	37.6	26.0	18.5	21.4	7.8
Mower	37.4	25.4	18.3	21.3	7.8
Murray	38.4	26.1	17.0	18.9	7.3
Nicollet	35.8	24.6	19.9	23.8	8.4
Nobles	37.3	25.5	18.8	22.2	8.0
Norman	38.3	26.0	17.1	19.2	7.4
Olmsted	36.8	25.7	19.4	22.8	8.1
Otter Tail	38.1	26.2	17.4	19.5	7.5
Pennington	37.0	25.5	18.7	21.8	7.9
Pine	38.1	26.5	18.8	22.1	7.9
Pipestone	37.7	25.6	17.5	19.9	7.5
Polk	37.1	25.4	18.6	21.7	7.9
Pope	38.2	26.2	17.5	19.7	7.5
Ramsey	36.1	25.0	19.7	23.5	8.3
Red Lake	37.9	26.4	18.2	20.9	7.7
Redwood	37.8	25.8	17.6	20.0	7.5
Renville	38.1	26.1	17.7	20.2	7.6
Rice	36.2	24.8	19.7	23.8	8.3
Rock	37.8	25.8	17.6	20.1	7.5
Roseau	37.8	26.5	18.5	21.6	7.8
St. Louis	36.7	25.2	18.9	22.1	8.1
Scott	36.6	26.4	20.1	24.3	8.2
Sherburne	36.6	26.0	20.2	24.6	8.3
Sibley	37.6	26.0	18.3	21.3	7.8
Stearns	35.7	24.3	19.9	24.0	8.4
Steele	37.3	26.0	18.7	21.9	7.9
Stevens	35.2	23.1	19.2	23.1	8.3
Swift	37.9	25.8	17.6	20.2	7.5
Todd	37.8	26.2	18.2	20.9	7.7
Traverse	38.5	25.5	16.4	18.2	7.1
Wabasha	37.8	26.4	18.1	20.7	7.7

**Morbidity Table 18: Minnesota Behavioral Risk Factors[^] of Adults -
County Synthetic Estimates and State Estimates, 2011***

	Estimated Percent of:				
	Overweight (Not Obese)**	Obese	Current Smokers	Acute Drinking	Chronic Drinking
State of Minnesota	36.9	25.7	19.2	22.7	8.1
Wadena	37.9	25.7	17.3	19.6	7.5
Waseca	36.8	25.7	18.6	21.3	7.8
Washington	36.9	26.3	19.4	22.8	8.1
Watonwan	37.8	25.7	17.8	20.5	7.6
Wilkin	37.9	26.0	17.9	20.5	7.6
Winona	34.9	23.4	19.8	23.8	8.5
Wright	36.9	26.2	19.8	23.7	8.2
Yellow Medicine	37.9	25.8	17.8	20.4	7.6

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

[^]See next page for definitions

*2011 BRFSS data cannot be compared to previous years due to changes in survey methodology.

**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^{^*} of Adults -
County Synthetic Estimates and State Estimates, 2011**

	Estimated Percent of:			
	Health Status (fair or poor)**	Reporting Limitations***	No Exercise	Hypertension
State of Minnesota	11.8	21.3	21.7	26.0
Aitkin	14.2	25.6	23.2	35.4
Anoka	11.5	20.8	21.4	24.9
Becker	12.9	23.2	22.4	30.1
Beltrami	11.8	20.9	21.3	25.5
Benton	11.5	20.5	21.6	24.5
Big Stone	14.1	25.1	23.4	33.8
Blue Earth	11.1	19.1	20.5	22.2
Brown	13.0	23.1	22.5	29.9
Carlton	12.3	22.1	22.1	28.0
Carver	11.4	20.6	21.5	24.5
Cass	13.4	24.1	22.6	32.3
Chippewa	13.1	23.5	22.7	30.4
Chisago	11.9	21.4	21.7	26.4
Clay	11.3	19.8	20.9	23.3
Clearwater	13.0	23.4	22.5	30.4
Cook	13.4	24.4	22.7	32.4
Cottonwood	13.5	24.1	22.9	31.8
Crow Wing	12.9	23.2	22.4	30.1
Dakota	11.6	20.9	21.5	25.0
Dodge	12.0	21.5	21.9	26.5
Douglas	12.9	23.2	22.5	30.2
Faribault	13.5	24.1	23.0	31.9
Fillmore	13.1	23.5	22.7	30.7
Freeborn	13.1	23.5	22.7	30.8
Goodhue	12.7	22.9	22.3	29.2
Grant	13.5	24.1	22.9	31.8
Hennepin	11.5	20.6	21.5	24.6
Houston	13.0	23.3	22.4	30.0
Hubbard	13.4	24.2	22.7	32.2
Isanti	11.9	21.4	21.8	26.5
Itasca	13.1	23.6	22.5	31.0
Jackson	13.2	23.5	22.7	30.6
Kanabec	12.6	22.8	22.2	29.2
Kandiyohi	12.5	22.4	22.1	28.4
Kittson	13.8	24.8	23.1	33.2
Koochiching	13.2	23.8	22.6	31.2
Lac Qui Parle	14.0	25.0	23.2	33.5
Lake	13.7	24.4	22.9	32.5
Lake of the Woods	13.5	24.4	22.7	32.4
Le Sueur	12.3	22.1	22.1	27.8
Lincoln	13.9	24.7	23.4	33.3
Lyon	11.9	21.0	21.6	25.5
McLeod	12.4	22.3	22.2	28.1
Mahnomen	12.6	22.6	22.3	28.9
Marshall	13.1	23.5	22.7	30.7
Martin	13.4	24.0	22.9	31.5

**Morbidity Table 19: Minnesota Behavioral Risk Factors^{^*} of Adults -
County Synthetic Estimates and State Estimates, 2011**

	Estimated Percent of:			
	Health Status (fair or poor)**	Reporting Limitations***	No Exercise	Hypertension
State of Minnesota	11.8	21.3	21.7	26.0
Meeker	12.8	23.0	22.4	29.6
Mille Lacs	12.5	22.4	22.2	28.4
Morrison	12.6	22.6	22.3	28.8
Mower	12.7	22.6	22.4	28.7
Murray	13.7	24.6	23.1	32.8
Nicollet	11.5	20.3	21.1	24.4
Nobles	12.4	22.0	22.2	27.9
Norman	13.6	24.3	23.0	32.1
Olmsted	11.8	21.3	21.8	25.9
Otter Tail	13.4	24.0	22.8	31.8
Pennington	12.3	22.1	22.1	27.8
Pine	12.5	22.3	22.2	28.8
Pipestone	13.3	23.7	22.9	30.8
Polk	12.5	22.3	22.1	28.2
Pope	13.4	24.0	22.9	31.7
Ramsey	11.6	20.6	21.5	24.6
Red Lake	12.8	23.1	22.5	29.8
Redwood	13.2	23.6	22.7	30.8
Renville	13.2	23.6	22.7	30.8
Rice	11.6	20.5	21.3	24.9
Rock	13.2	23.5	22.8	30.5
Roseau	12.5	22.4	22.2	28.5
St. Louis	12.3	21.9	21.8	27.5
Scott	11.1	20.0	21.4	23.4
Sherburne	11.1	19.9	21.3	23.4
Sibley	12.6	22.6	22.4	28.8
Stearns	11.5	20.1	21.1	24.1
Steele	12.3	22.1	22.2	27.7
Stevens	12.0	20.7	21.2	25.3
Swift	13.2	23.6	22.8	30.9
Todd	12.8	23.0	22.3	29.8
Traverse	14.2	25.2	23.5	33.9
Wabasha	12.8	23.0	22.4	29.7
Wadena	13.4	23.9	22.9	31.5
Waseca	12.3	22.2	22.1	27.3
Washington	11.8	21.3	21.6	25.9
Watonwan	13.1	23.3	22.6	30.1
Wilkin	13.0	23.2	22.5	30.0
Winona	11.5	20.0	20.8	24.0
Wright	11.4	20.5	21.6	24.6
Yellow Medicine	13.1	23.5	22.7	30.6

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

[^]See page next page for definitions

*2011 BRFSS data cannot be compared to previous years due to changes in survey methodology.

**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) [(weight in kilograms)/(height in meters)²] is between 25.0 to 29.9. Note this does not include obese as it did in previous years.

Obese: The prevalence of obese is defined as a Body Mass Index (BMI) [(weight in kilograms)/(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 speical 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

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 6: Minnesota Nonfatal Hospitalized Traumatic Brain

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 2007-2011**

Updated October 2013

	Number								
	Unintentional Injury			Assaults			Self-directed Violence		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
State of Minnesota	1,361,656	138,015	10,490	67,397	5,679	555	13,370	16,833	3,036
Aitkin	5,742	461	61	149	9	3	30	28	7
Anoka	68,994	7,237	502	3,354	296	36	823	1,189	196
Becker	11,497	802	89	576	22	2	146	67	22
Beltrami	14,978	1,118	111	1,227	95	12	243	103	29
Benton	10,709	1,117	71	344	15	4	128	188	26
Big Stone	1,016	97	15	21	1	2	7	5	3
Blue Earth	16,010	1,489	87	670	36	6	156	292	32
Brown	8,841	809	65	164	15	0	66	118	12
Carlton	8,116	1,097	90	338	33	4	83	63	34
Carver	19,036	1,685	139	384	28	6	175	175	41
Cass	8,923	1,006	99	498	35	6	99	62	14
Chippewa	4,644	476	32	143	5	1	41	34	3
Chisago	19,262	1,371	119	361	33	3	105	147	37
Clay	1,370	102	116	34	7	4	8	8	37
Clearwater	2,849	213	17	129	6	1	28	14	2
Cook	1,691	130	14	47	3	0	11	8	3
Cottonwood	3,376	259	22	61	1	0	33	7	11
Crow Wing	25,070	2,364	136	696	45	4	237	176	39
Dakota	74,866	8,135	605	2,592	262	21	731	1,150	224
Dodge	5,710	691	27	105	10	3	25	56	21
Douglas	9,707	1,074	72	194	13	1	143	65	17
Faribault	2,116	500	42	47	4	1	10	35	7
Fillmore	4,842	644	70	64	7	0	22	40	9
Freeborn	8,250	969	81	332	22	1	71	87	22
Goodhue	15,047	1,585	158	382	30	2	157	119	35
Grant	1,715	243	19	23	.	0	14	15	5
Hennepin	280,143	34,663	2,369	24,878	2,262	210	2,987	4,151	576
Houston	472	49	53	9	1	0	5	7	13
Hubbard	6,829	450	60	158	3	4	81	24	20
Isanti	9,750	1,020	78	323	25	2	114	107	22
Itasca	18,477	1,282	124	563	32	2	155	102	36
Jackson	2,454	141	22	43	.	0	38	10	10
Kanabec	7,614	559	36	211	11	2	29	34	13
Kandiyohi	10,491	1,143	94	417	18	3	156	156	21
Kittson	368	39	13	8	1	0	1	1	2
Koochiching	5,318	359	41	150	9	1	50	17	15
Lac Qui Parle	1,579	193	23	30	2	0	11	6	5
Lake	3,392	330	28	78	5	0	14	20	11
Lake of the Woods	1,024	117	18	14	4	0	4	1	1
Le Sueur	6,698	600	43	141	11	5	70	54	13
Lincoln	1,084	52	17	11	.	2	9	4	2
Lyon	6,694	382	50	206	5	1	82	58	12
McLeod	11,545	1,100	84	220	19	1	53	77	25
Mahnomen	1,705	98	17	241	5	4	17	12	4
Marshall	1,735	114	16	35	3	0	14	8	4
Martin	6,289	776	53	111	13	2	29	55	16
Meeker	5,416	572	58	117	3	0	34	47	16
Mille Lacs	15,974	1,097	96	715	48	1	140	99	15

**Injury Table 1: Unintentional Injuries, Assaults (Homicides) and Self-directed Violence (Suicides)
Number, Minnesota 2007-2011**

Updated October 2013

	Number								
	Unintentional Injury			Assaults			Self-directed Violence		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
State of Minnesota	1,361,656	138,015	10,490	67,397	5,679	555	13,370	16,833	3,036
Morrison	11,594	809	82	279	8	7	72	61	28
Mower	11,034	1,145	87	461	28	2	87	134	25
Murray	2,162	136	23	42	2	1	31	8	5
Nicollet	7,833	722	41	275	4	3	115	125	18
Nobles	5,550	305	39	190	3	2	80	49	12
Norman	1,111	29	24	18	.	0	9	1	6
Olmsted	39,210	3,744	232	1,078	151	12	258	649	81
Otter Tail	18,201	1,709	132	408	6	3	262	73	36
Pennington	4,454	220	44	159	1	0	67	34	7
Pine	10,075	798	76	383	29	1	56	57	21
Pipestone	2,414	119	25	56	3	0	59	5	5
Polk	5,531	395	99	229	7	2	55	29	17
Pope	3,388	462	34	64	4	0	19	14	5
Ramsey	129,222	16,164	902	9,671	1,069	87	1,315	2,431	265
Red Lake	926	78	11	35	1	0	8	4	2
Redwood	4,238	402	48	38	8	1	24	28	9
Renville	4,785	528	45	123	6	1	34	41	18
Rice	13,750	1,000	121	514	34	1	103	104	37
Rock	2,282	150	37	27	3	0	31	12	5
Roseau	4,412	102	33	71	1	1	26	13	10
St. Louis	70,802	6,314	507	4,104	278	16	787	754	145
Scott	35,655	2,483	188	894	51	5	315	258	51
Sherburne	25,290	2,131	134	887	54	4	263	380	55
Sibley	3,141	345	38	62	1	0	16	18	12
Stearns	29,683	2,996	227	1,258	83	5	318	449	93
Steele	8,784	933	71	362	19	1	101	193	21
Stevens	851	441	25	26	4	2	9	14	7
Swift	2,520	301	32	69	3	0	21	22	1
Todd	7,032	516	60	122	2	1	44	42	18
Traverse	759	56	9	21	1	0	6	2	2
Wabasha	4,396	469	62	85	6	1	27	39	16
Wadena	3,124	230	27	52	3	0	27	14	10
Waseca	6,034	496	32	152	12	2	40	62	13
Washington	66,041	6,186	289	2,181	213	19	507	906	122
Watonwan	2,731	275	26	56	2	3	16	34	10
Wilkin	1,749	108	18	36	1	1	24	11	3
Winona	15,421	1,056	108	499	17	1	68	132	19
Wright	33,925	2,696	217	744	48	6	373	324	80
Yellow Medicine	1,791	146	33	36	.	0	8	4	4
CHB - Aitkin, Itasca, Koochiching	29,537	2,102	226	862	50	6	235	147	58
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	25,680	1,898	206	1,528	108	17	356	142	52
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	11,550	1,213	135	299	11	3	88	71	16
CHB - Brown, Nicollet	16,674	1,531	106	439	19	3	181	243	30

**Injury Table 1: Unintentional Injuries, Assaults (Homicides) and Self-directed Violence (Suicides)
Number, Minnesota 2007-2011**

Updated October 2013

	Number								
	Unintentional Injury			Assaults			Self-directed Violence		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
State of Minnesota	1,361,656	138,015	10,490	67,397	5,679	555	13,370	16,833	3,036
CHB - Carlton, Cook, Lake, St. Louis	84,001	7,871	639	4,567	319	20	895	845	193
CHB - Clay, Wilkin	3,119	210	134	70	8	5	32	19	40
CHB - Cottonwood, Jackson	5,830	400	44	104	1	0	71	17	21
CHB - Dodge, Steele	14,494	1,624	98	467	29	4	126	249	42
CHB - Douglas, Grant, Pope, Stevens, Traverse	16,420	2,276	159	328	22	3	191	110	36
CHB - Faribault, Martin	8,405	1,276	95	158	17	3	39	90	23
CHB - Fillmore, Houston	5,314	693	123	73	8	0	27	47	22
CHB - Isanti, Mille Lacs	25,724	2,117	174	1,038	73	3	254	206	37
CHB - Kanabec, Pine	17,689	1,357	112	594	40	3	85	91	34
CHB - Kandiyohi, Renville	15,276	1,671	139	540	24	4	190	197	39
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	11,895	553	117	308	7	1	116	60	25
CHB - LeSueur, Waseca	12,732	1,096	75	293	23	7	110	116	26
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	18,874	1,241	200	380	21	5	236	115	38
CHB - Mahnomon, Norman, Polk	8,347	522	140	488	12	6	81	42	27
CHB - Meeker, McLeod, Sibley	20,102	2,017	180	399	23	1	103	142	53
CHB - Morrison, Todd, Wadena	21,750	1,555	169	453	13	8	143	117	56

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 2007-2011**

Age Adjusted Rate per 100,000

	Unintentional Injury			Assaults			Self-directed Violence		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
State of Minnesota	5,227.5	495.5	36.9	260.3	21.8	2.1	52.1	65.4	11.3
Aitkin	8,850.9	470.2	56.1	296.2	*	*	58.3	42.0	*
Anoka	4,251.8	510.9	36.2	205.1	18.1	2.1	50.6	71.6	11.6
Becker	7,734.0	431.9	50.8	440.2	17.2	*	107.0	49.9	13.5
Beltrami	6,741.8	491.4	51.5	550.6	44.1	*	107.4	46.2	12.5
Benton	5,375.9	575.0	35.1	159.8	*	*	65.4	95.6	13.2
Big Stone	4,214.3	262.4	*	109.6	*	*	*	*	*
Blue Earth	5,440.4	482.3	27.0	193.2	11.4	*	43.4	90.8	10.8
Brown	7,248.8	465.1	38.1	146.9	*	*	57.5	106.7	*
Carlton	4,953.0	568.7	47.0	224.2	21.5	*	54.3	39.0	19.0
Carver	4,189.0	435.7	37.7	90.3	6.4	*	39.0	38.1	9.3
Cass	7,083.8	634.8	62.3	464.5	31.1	*	91.7	54.7	*
Chippewa	7,953.9	561.5	40.3	298.1	*	*	76.4	70.8	*
Chisago	7,728.9	576.1	49.1	155.3	13.7	*	43.3	58.9	14.3
Clay	492.9	35.7	39.4	10.5	*	*	*	*	13.3
Clearwater	7,387.3	407.4	*	380.4	*	*	79.4	*	*
Cook	7,291.5	425.4	*	235.6	*	*	*	*	*
Cottonwood	6,563.7	310.9	25.2	149.5	*	*	84.1	*	*
Crow Wing	8,478.3	633.1	34.2	256.2	16.8	*	89.0	65.9	13.1
Dakota	3,884.1	485.6	35.8	131.7	13.3	1.1	37.4	58.5	11.0
Dodge	5,796.5	678.2	25.8	117.4	*	*	27.2	60.7	21.6
Douglas	5,643.6	456.0	30.5	124.1	*	*	92.7	42.3	*
Faribault	3,238.5	500.2	37.6	89.1	*	*	*	62.2	*
Fillmore	4,907.4	491.4	47.6	74.7	*	*	23.4	44.4	*
Freeborn	5,587.2	462.0	36.8	259.1	16.4	*	54.4	64.2	14.1
Goodhue	6,765.6	578.7	52.3	189.9	14.2	*	76.5	55.2	14.9
Grant	6,391.2	517.9	*	106.2	*	*	*	*	*
Hennepin	4,905.8	592.7	39.6	424.7	38.7	3.6	52.9	72.4	9.7
Houston	531.7	48.1	42.7	*	*	*	*	*	*
Hubbard	8,053.7	385.9	51.3	231.3	*	*	109.4	29.3	*
Isanti	5,042.4	535.7	41.4	165.1	13.2	*	59.5	55.9	11.2
Itasca	9,115.5	507.3	48.5	314.3	17.6	*	83.4	52.6	15.8
Jackson	4,962.6	161.9	35.5	98.8	*	*	86.4	*	*
Kanabec	10,309.6	644.4	42.4	313.8	*	*	38.5	47.2	*
Kandiyohi	5,256.5	469.8	38.1	232.6	*	*	83.9	81.3	10.0
Kittson	1,766.0	98.2	*	*	*	*	*	*	*
Koochiching	9,102.6	448.5	46.5	302.4	*	*	98.7	*	*
Lac Qui Parle	4,897.8	346.7	41.8	108.4	*	*	*	*	*
Lake	7,287.6	517.9	39.5	181.9	*	*	*	43.8	*
Lake of the Woods	5,934.8	460.2	*	*	*	*	*	*	*
Le Sueur	4,947.1	390.6	28.8	114.4	*	*	53.1	42.6	*
Lincoln	4,065.3	102.8	*	*	*	*	*	*	*
Lyon	5,289.3	253.8	36.4	159.1	*	*	63.6	45.2	*
McLeod	6,347.0	522.3	37.6	130.5	*	*	31.2	44.3	13.4
Mahnomen	7,764.8	373.1	*	1,240.9	*	*	*	*	*
Marshall	4,030.7	179.8	*	103.3	*	*	*	*	*
Martin	6,854.1	531.5	34.4	147.9	*	*	33.4	70.3	*
Meeker	4,958.9	415.4	40.9	118.5	*	*	32.2	45.8	*
Mille Lacs	12,622.7	743.5	65.8	608.0	42.7	*	115.4	82.0	*

**Injury Table 2: Unintentional Injuries, Assaults (Homicides) and Self-directed Violence (Suicides)
Rate per 100,000, Minnesota 2007-2011**

Age Adjusted Rate per 100,000

	Unintentional Injury			Assaults			Self-directed Violence		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
State of Minnesota	5,227.5	495.5	36.9	260.3	21.8	2.1	52.1	65.4	11.3
Morrison	7,364.1	432.7	42.8	195.0	*	*	49.6	39.2	16.7
Mower	5,809.2	449.4	33.1	276.6	15.3	*	52.7	80.7	13.5
Murray	5,681.5	193.9	38.8	139.6	*	*	92.6	*	*
Nicollet	4,964.1	426.6	24.2	164.1	*	*	66.3	78.6	*
Nobles	5,506.7	233.2	34.4	225.2	*	*	89.3	55.8	*
Norman	3,796.5	69.0	57.1	*	*	*	*	*	*
Olmsted	5,509.7	501.4	30.8	153.9	21.3	*	37.5	96.3	11.4
Otter Tail	7,094.8	433.0	37.9	181.5	*	*	119.6	33.1	12.4
Pennington	6,636.9	268.2	55.0	244.2	*	*	104.8	51.2	*
Pine	7,471.4	487.5	47.1	296.7	22.2	*	42.6	43.9	14.1
Pipestone	5,355.0	159.6	41.6	153.3	*	*	157.9	*	*
Polk	3,667.6	198.2	52.8	163.6	*	*	41.8	21.0	*
Pope	6,674.5	594.8	51.5	154.9	*	*	*	*	*
Ramsey	5,156.0	586.4	32.6	380.5	42.1	3.4	52.8	98.8	10.3
Red Lake	4,866.1	305.1	*	207.4	*	*	*	*	*
Redwood	5,827.6	367.6	48.7	61.5	*	*	36.6	43.3	*
Renville	6,558.9	538.7	46.9	200.3	*	*	50.8	66.4	*
Rice	4,450.0	313.5	36.5	161.6	11.4	*	31.8	32.4	11.3
Rock	4,880.8	206.5	52.4	70.2	*	*	77.4	*	*
Roseau	5,711.2	114.4	36.8	107.9	*	*	34.4	*	*
St. Louis	7,767.7	559.9	42.5	454.6	31.3	*	86.6	86.7	14.1
Scott	5,420.1	499.9	39.8	142.6	8.1	*	49.7	39.8	7.9
Sherburne	5,801.5	638.1	37.8	197.4	12.0	*	58.7	83.8	13.0
Sibley	4,285.7	412.7	40.2	95.0	*	*	*	*	*
Stearns	4,082.3	394.8	29.6	160.7	10.8	*	40.6	62.2	12.8
Steele	4,797.0	461.4	34.6	213.2	*	*	59.6	114.0	11.7
Stevens	1,939.6	716.8	50.9	62.1	*	*	*	*	*
Swift	4,805.2	414.4	51.0	138.2	*	*	40.5	44.1	*
Todd	6,218.8	395.2	45.6	118.1	*	*	42.3	39.9	*
Traverse	4,706.2	214.3	*	171.3	*	*	*	*	*
Wabasha	4,237.3	366.4	45.4	93.8	*	*	27.5	39.2	*
Wadena	5,033.7	271.1	31.3	93.7	*	*	51.1	*	*
Waseca	6,544.7	461.8	31.8	174.9	*	*	46.3	75.0	*
Washington	5,890.3	620.9	27.9	198.6	19.6	*	45.6	81.0	10.4
Watonwan	5,164.5	404.6	38.1	129.4	*	*	*	67.7	*
Wilkin	5,900.2	251.5	*	136.8	*	*	91.1	*	*
Winona	6,843.4	400.0	39.7	218.5	*	*	27.6	60.9	*
Wright	5,598.3	524.2	42.0	130.3	8.4	*	63.9	54.5	13.7
Yellow Medicine	3,851.6	200.5	47.9	89.5	*	*	*	*	*
CHB - Aitkin, Itasca, Koochiching	9,052.4	484.6	49.6	308.1	17.2	*	81.4	46.8	15.5
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	7,011.0	445.4	50.8	444.7	31.6	*	101.8	40.2	13.2
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	5,361.3	374.6	44.3	160.9	*	*	43.9	38.6	*
CHB - Brown, Nicollet	5,916.1	446.2	30.8	155.7	*	*	62.3	88.8	10.2

**Injury Table 2: Unintentional Injuries, Assaults (Homicides) and Self-directed Violence (Suicides)
Rate per 100,000, Minnesota 2007-2011**

Age Adjusted Rate per 100,000

	Unintentional Injury			Assaults			Self-directed Violence		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
State of Minnesota	5,227.5	495.5	36.9	260.3	21.8	2.1	52.1	65.4	11.3
CHB - Carlton, Cook, Lake, St. Louis	7,271.4	552.0	42.8	401.7	28.0	*	78.8	76.4	14.6
CHB - Clay, Wilkin	1,011.6	62.1	40.6	20.5	*	*	11.1	*	12.5
CHB - Cottonwood, Jackson	5,719.8	235.0	30.2	120.3	*	*	84.5	*	21.0
CHB - Dodge, Steele	5,156.5	534.8	31.6	179.9	10.9	*	48.5	95.5	14.9
CHB - Douglas, Grant, Pope, Stevens, Traverse	5,183.4	499.2	36.9	114.7	7.7	*	65.9	37.2	11.3
CHB - Faribault, Martin	5,349.5	518.0	35.8	123.5	*	*	26.3	67.0	12.9
CHB - Fillmore, Houston	2,814.2	279.3	45.2	44.4	*	*	15.0	27.4	10.0
CHB - Isanti, Mille Lacs	7,988.5	616.8	50.5	331.5	24.1	*	81.0	66.2	11.3
CHB - Kanabec, Pine	8,454.2	541.3	45.5	302.3	20.0	*	41.3	45.3	11.4
CHB - Kandiyohi, Renville	5,578.1	485.2	40.2	221.0	9.7	*	74.8	77.6	14.3
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	5,230.8	188.8	42.2	150.8	*	*	54.6	27.7	14.4
CHB - LeSueur, Waseca	5,588.2	420.0	29.7	138.5	10.5	*	50.8	55.7	10.6
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	5,250.5	236.1	42.5	118.9	6.4	*	72.7	36.1	10.4
CHB - Mahnommen, Norman, Polk	4,124.1	196.5	54.9	270.2	*	*	46.3	22.4	12.1
CHB - Meeker, McLeod, Sibley	5,509.0	461.9	39.0	120.0	6.7	*	30.3	41.1	14.0
CHB - Morrison, Todd, Wadena	6,534.4	384.2	41.5	151.4	*	*	47.2	36.7	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) and Assaults (A) by State, County and Community Health Board, 2007-2011

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	430,956	Fall	UI	80,767	Fall	UI	3,781	
2	Struck by/against	UI	230,193	Poisoning	SI	12,218	Poisoning	UI	1,841	
3	Cut/pierce	UI	145,302	Poisoning	UI	8,876	Motorvehicle	UI	1,828	
4	Overexertion	UI	118,131	Motorvehicle	UI	7,650	Firearm	SI	1,433	
5	Motorvehicle	UI	82,550	Struck by/against	UI	4,555	Suffocation	SI	794	
All Injuries			1,585,354	All Injuries			187,914	All Injuries		14,081

Aitkin

ED Visits				Hospitalizations			Deaths			
Rank	Type	Intent	Number	Type	Intent	Number	Type	Intent	Number	
1	Fall	UI	1,692	Fall	UI	269	Fall	UI	17	
2	Struck by/against	UI	731	Motorvehicle	UI	31	Motorvehicle	UI	11	
3	Cut/pierce	UI	674	Poisoning	UI	28	Poisoning	UI	9	
4	Overexertion	UI	572	Poisoning	SI	20	Firearm	SI	6	
5	Bite/sting	UI	477	Struck by/against	UI	17	Fire	UI	3	
All Injuries			6,356	All Injuries			711	All Injuries		71

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, this is indicated by a dash "-" in type and intent. For example poisoning and suffocation had five deaths each in one county. In type, it will read "Poisoning-Suffoc", intent "UI-SI" and number "5" meaning that poisoning and suffocation had 5 death each.

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 defintions" and "Death defintions" at the end of this file.

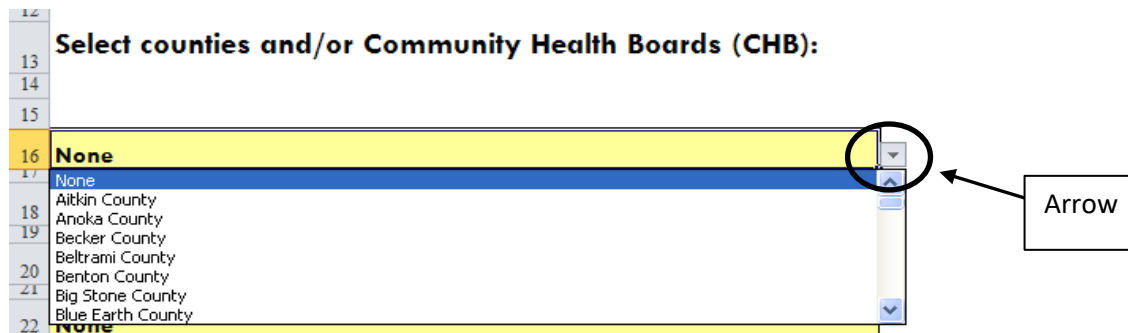
Instructions

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 2007-2011**

	Number					
	0 to 64 years			65 years and older		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
State of Minnesota	337,157	27,295	447	93,782	53,471	3,334
Aitkin	1,089	82	1	603	187	16
Anoka	17,492	1,520	19	3,335	2,393	142
Becker	2,511	128	2	801	336	11
Beltrami	3,855	208	4	975	432	10
Benton	2,731	224	4	643	433	17
Big Stone	272	15	0	177	46	5
Blue Earth	3,965	282	5	1,229	660	14
Brown	1,962	134	3	817	431	19
Carlton	1,918	230	8	546	444	18
Carver	4,761	357	4	1,133	566	59
Cass	2,135	196	6	690	353	14
Chippewa	1,075	63	1	487	234	8
Chisago	3,972	242	3	969	440	50
Clay	302	20	2	53	16	23
Clearwater	628	23	1	208	101	3
Cook	502	31	0	157	45	2
Cottonwood	684	21	1	347	149	8
Crow Wing	5,578	410	2	2,005	983	44
Dakota	18,972	1,686	33	4,901	2,925	237
Dodge	1,412	131	0	379	279	7
Douglas	2,228	161	2	902	521	19
Faribault	507	69	1	210	247	12
Fillmore	1,140	103	2	444	301	30
Freeborn	1,949	160	3	1,045	496	30
Goodhue	3,411	280	6	1,440	672	84
Grant	361	21	0	199	134	8
Hennepin	74,809	7,214	100	18,128	12,679	1,007
Houston	83	11	0	25	11	19
Hubbard	1,344	64	5	625	211	12
Isanti	2,221	176	2	626	334	25
Itasca	4,177	211	2	1,390	487	28
Jackson	560	15	1	242	85	1
Kanabec	1,643	81	1	491	231	5
Kandiyohi	2,343	167	5	900	507	27
Kittson	78	1	0	65	29	3
Koochiching	1,331	47	3	432	151	11
Lac Qui Parle	334	18	0	225	120	8
Lake	772	78	0	331	119	5
Lake of the Woods	183	14	0	118	65	5
Le Sueur	1,436	104	1	577	218	13
Lincoln	239	7	0	159	33	6
Lyon	1,558	57	1	628	203	7
McLeod	2,532	166	4	921	512	44
Mahnomen	451	26	0	66	24	0
Marshall	345	10	1	198	68	4
Martin	1,384	120	1	654	427	18
Meeker	1,230	78	2	410	261	20

**Injury Table 4: Falls 0 to 64 years and 65 years and older
Number, Minnesota 2007-2011**

	Number					
	0 to 64 years			65 years and older		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
State of Minnesota	337,157	27,295	447	93,782	53,471	3,334
Mille Lacs	3,389	188	2	900	383	25
Morrison	2,490	130	5	787	328	15
Mower	2,826	149	5	1,455	616	23
Murray	420	6	0	227	93	9
Nicollet	1,905	159	2	623	286	5
Nobles	1,154	30	1	532	171	4
Norman	249	3	1	120	14	5
Olmsted	10,786	801	8	2,626	1,538	78
Otter Tail	3,546	222	2	1,750	894	34
Pennington	1,131	44	3	372	96	7
Pine	2,109	135	3	656	311	13
Pipestone	513	6	1	306	73	6
Polk	1,253	60	3	454	214	22
Pope	663	68	2	351	240	7
Ramsey	34,831	3,563	51	8,568	6,205	243
Red Lake	242	13	1	52	32	1
Redwood	808	46	0	465	219	7
Renville	1,038	73	2	399	220	9
Rice	3,124	165	7	890	333	44
Rock	458	10	2	287	76	12
Roseau	902	15	0	352	45	5
St. Louis	18,133	1,466	23	4,471	2,384	170
Scott	9,281	527	9	1,290	778	60
Sherburne	6,298	488	4	1,081	622	32
Sibley	725	50	1	278	134	15
Stearns	7,252	581	12	2,031	1,164	48
Steele	2,286	179	3	893	455	17
Stevens	157	59	2	61	222	8
Swift	553	54	1	281	141	5
Todd	1,555	107	3	555	188	9
Traverse	159	8	0	123	31	4
Wabasha	970	83	2	329	172	22
Wadena	643	32	2	227	98	7
Waseca	1,393	99	1	456	202	8
Washington	16,751	1,369	26	4,035	2,170	76
Watonwan	655	56	1	271	139	5
Wilkin	384	11	0	214	70	6
Winona	3,161	156	6	1,173	523	30
Wright	8,040	605	7	1,712	908	70
Yellow Medicine	379	16	1	209	78	10
Aitkin, Itasca and Koochiching	6,597	340	6	2,425	825	55
Beltrami, Clearwater, Hubbard and Lake of the Woods	6,010	309	10	1,926	809	30

**Injury Table 4: Falls 0 to 64 years and 65 years and older
Number, Minnesota 2007-2011**

	Number					
	0 to 64 years			65 years and older		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
State of Minnesota	337,157	27,295	447	93,782	53,471	3,334
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	2,613	166	3	1,379	619	36
Brown and Nicollet	3,867	293	5	1,440	717	24
Carlton, Cook, Lake and St. Louis	21,325	1,805	31	5,505	2,992	195
Clay and Wilkin	686	31	2	267	86	29
Cottonwood and Jackson	1,244	36	2	589	234	9
Dodge and Steele	3,698	310	3	1,272	734	24
Douglas, Grant, Pope, Stevens and Traverse	3,568	317	6	1,636	1,148	46
Faribault and Martin	1,891	189	2	864	674	30
Fillmore and Houston	1,223	114	2	469	312	49
Isanti and Mille Lacs	5,610	364	4	1,526	717	50
Kanabec and Pine	3,752	216	4	1,147	542	18
Kittson, Marshall, Pennington, Red Lake and Roseau	2,698	83	5	1,039	270	20
Kandiyohi and Renville	3,381	240	7	1,299	727	36
Le Sueur and Waseca	2,829	203	2	1,033	420	21
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	3,996	132	4	2,072	697	47
Mahnomen, Norman and Polk	1,953	89	4	640	252	27
Meeker, McCleod and Sibley	4,487	294	7	1,609	907	79
Morrison, Todd and Wadena	4,688	269	10	1,569	614	31

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 2007-2011**

	Age Adjusted Rate					
	0 to 64 years			65 years and older		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
State of Minnesota	1,477	110	1.5	2,664	1,482	11.2
Aitkin	2,125	117	*	2,993	941	*
Anoka	1,181	94	*	2,308	1,729	13.2
Becker	1,957	82	*	2,932	1,230	*
Beltrami	1,992	106	*	3,332	1,474	*
Benton	1,546	125	*	2,936	1,842	*
Big Stone	1,484	*	0.0	2,413	582	*
Blue Earth	1,596	108	*	3,075	1,583	*
Brown	1,926	106	*	3,161	1,561	*
Carlton	1,351	140	*	2,004	1,577	*
Carver	1,117	83	*	2,899	1,432	18.3
Cass	1,998	145	*	2,776	1,476	*
Chippewa	2,208	108	*	3,666	1,639	*
Chisago	1,754	104	*	3,533	1,634	23.8
Clay	123	8	*	147	*	7.2
Clearwater	1,895	64	*	2,493	1,197	*
Cook	2,652	117	0.0	3,099	911	*
Cottonwood	1,577	34	*	2,846	1,122	*
Crow Wing	2,224	146	*	3,442	1,688	9.3
Dakota	1,061	88	1.4	2,876	1,726	17.6
Dodge	1,601	144	0.0	2,995	2,124	*
Douglas	1,572	98	*	2,428	1,348	*
Faribault	929	106	*	1,210	1,259	*
Fillmore	1,381	111	*	2,082	1,328	15.1
Freeborn	1,602	110	*	3,144	1,435	9.8
Goodhue	1,792	126	*	3,669	1,632	24.8
Grant	1,704	77	0.0	2,646	1,594	*
Hennepin	1,484	131	1.5	2,629	1,780	17.0
Houston	113	*	0.0	142	*	*
Hubbard	1,898	71	*	3,299	1,135	*
Isanti	1,287	94	*	2,923	1,505	14.4
Itasca	2,433	99	*	3,476	1,227	9.0
Jackson	1,397	*	*	1,715	561	*
Kanabec	2,547	101	*	4,259	2,083	*
Kandiyohi	1,362	86	*	2,485	1,372	9.0
Kittson	471	*	0.0	1,123	437	*
Koochiching	2,801	74	*	3,142	1,070	*
Lac Qui Parle	1,270	*	0.0	2,317	1,138	*
Lake	2,052	153	0.0	2,904	1,040	*
Lake of the Woods	1,298	*	0.0	2,706	1,513	*
Le Sueur	1,221	77	*	2,759	1,016	*
Lincoln	1,116	*	0.0	1,803	403	*
Lyon	1,449	52	*	3,015	926	*
McLeod	1,598	92	*	3,206	1,751	18.4
Mahnomen	2,355	111	0.0	1,480	529	0.0
Marshall	977	*	*	2,178	674	*
Martin	1,812	127	*	2,630	1,618	*
Meeker	1,295	75	*	1,978	1,218	10.1

**Injury Table 5: Falls 0 to 64 years and 65 years and older
Age Adjusted Rate per 100,000, Minnesota 2007-2011**

	Age Adjusted Rate					
	0 to 64 years			65 years and older		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
State of Minnesota	1,477	110	1.5	2,664	1,482	11.2
Mille Lacs	3,105	157	*	3,999	1,672	13.1
Morrison	1,832	84	*	2,871	1,175	*
Mower	1,797	89	*	3,490	1,428	6.3
Murray	1,362	*	0.0	2,205	815	*
Nicollet	1,403	109	*	2,867	1,290	*
Nobles	1,290	33	*	2,855	837	*
Norman	999	*	*	1,568	*	*
Olmsted	1,718	121	*	2,807	1,587	9.8
Otter Tail	1,679	84	*	2,767	1,380	6.3
Pennington	1,945	71	*	3,144	762	*
Pine	1,840	95	*	2,867	1,361	*
Pipestone	1,364	*	*	2,636	553	*
Polk	982	44	*	1,551	706	8.4
Pope	1,571	130	*	2,859	1,831	*
Ramsey	1,606	155	1.8	2,348	1,628	7.6
Red Lake	1,497	*	*	1,325	823	*
Redwood	1,316	71	0.0	2,591	1,115	*
Renville	1,678	101	*	2,435	1,301	*
Rice	1,163	59	*	2,173	803	12.7
Rock	1,174	*	*	2,858	660	*
Roseau	1,324	*	0.0	3,169	361	*
St. Louis	2,357	163	2.0	2,607	1,352	11.3
Scott	1,489	87	*	2,850	1,781	17.9
Sherburne	1,525	121	*	3,730	2,151	14.4
Sibley	1,148	77	*	2,130	1,020	*
Stearns	1,159	90	*	2,045	1,159	5.9
Steele	1,416	106	*	3,344	1,658	*
Stevens	428	164	*	709	2,119	*
Swift	1,287	102	*	2,376	1,162	*
Todd	1,602	107	*	2,678	915	*
Traverse	1,335	*	0.0	1,962	501	*
Wabasha	1,097	80	*	1,727	857	12.6
Wadena	1,214	50	*	1,448	604	*
Waseca	1,716	110	*	3,107	1,274	*
Washington	1,610	120	1.9	3,935	2,160	9.5
Watonwan	1,452	123	*	2,362	1,131	*
Wilkin	1,545	*	0.0	3,438	1,066	*
Winona	1,675	72	*	3,205	1,330	9.3
Wright	1,411	108	*	3,235	1,747	17.0
Yellow Medicine	1,013	*	*	1,818	589	*
Aitkin, Itasca and Koochiching	2,439	98	1.3	3,261	1,113	9.4
Beltrami, Clearwater, Hubbard and Lake of the Woods	1,920	90	2.3	3,152	1,327	6.0

**Injury Table 5: Falls 0 to 64 years and 65 years and older
Age Adjusted Rate per 100,000, Minnesota 2007-2011**

	Age Adjusted Rate					
	0 to 64 years			65 years and older		
	ED Visits	Hospitalizations	Deaths	ED Visits	Hospitalizations	Deaths
State of Minnesota	1,477	110	1.5	2,664	1,482	11.2
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	1,487	78	1.0	2,569	1,071	7.6
Brown and Nicollet	1,622	108	1.3	3,023	1,439	6.0
Carlton, Cook, Lake and St. Louis	2,183	157	2.1	2,554	1,351	10.4
Clay and Wilkin	258	11	0.6	590	175	7.8
Cottonwood and Jackson	1,471	35	1.6	2,251	828	3.3
Dodge and Steele	1,484	119	1.0	3,227	1,808	7.6
Douglas, Grant, Pope, Stevens and Traverse	1,385	107	1.2	2,263	1,487	7.2
Faribault and Martin	1,445	119	1.3	2,028	1,465	8.7
Fillmore and Houston	777	63	0.7	1,179	737	13.4
Isanti and Mille Lacs	1,987	119	1.2	3,448	1,582	13.6
Kanabec and Pine	2,090	97	1.3	3,323	1,595	6.9
Kittson, Marshall, Pennington, Red Lake and Roseau	1,389	38	1.9	2,465	601	5.6
Kandiyohi and Renville	1,439	90	2.0	2,480	1,347	8.1
Le Sueur and Waseca	1,419	90	1.1	2,897	1,123	7.2
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	1,327	42	1.0	2,616	807	7.1
Mahnomen, Norman and Polk	1,132	47	1.4	1,547	586	7.7
Meeker, McCleod and Sibley	1,417	83	1.7	2,566	1,410	14.5
Morrison, Todd and Wadena	1,643	85	2.5	2,457	948	5.6

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 6: Minnesota Nonfatal Hospitalized Traumatic Brain Injury
Number and Rate per 100,000 population by State and County, 2007-2011**

	Number					Rate				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
State of Minnesota	4,857	5,102	5,064	5,059	5,144	91.8	95.8	93.6	92.4	92.6
Aitkin	15	22	21	22	17	*	124.3	119.8	114.9	*
Anoka	251	248	266	244	246	83.7	81.0	85.2	79.0	77.6
Becker	9	18	6	15	15	*	*	*	*	*
Beltrami	39	42	29	29	25	85.5	92.5	66.8	66.1	53.6
Benton	30	41	44	89	91	81.1	104.5	114.0	221.1	228.1
Big Stone	1	6	4	3	2	*	*	*	*	*
Blue Earth	70	48	49	50	59	111.2	76.0	88.9	75.4	94.5
Brown	23	29	23	42	29	84.5	104.0	78.1	141.8	107.0
Carlton	35	52	50	44	52	97.0	149.6	136.2	122.3	141.5
Carver	56	59	68	61	71	68.6	73.7	80.7	74.6	87.7
Cass	24	22	27	26	32	77.0	80.0	89.2	90.0	109.2
Chippewa	4	13	14	10	9	*	*	*	*	*
Chisago	69	60	60	46	44	142.6	122.4	123.7	91.9	83.8
Clay	4	4	1	0	2	*	*	*	*	*
Clearwater	5	1	3	6	4	*	*	*	*	*
Cook	5	7	6	5	8	*	*	*	*	*
Cottonwood	6	7	5	5	2	*	*	*	*	*
Crow Wing	59	73	85	71	79	91.6	107.7	124.3	103.3	109.9
Dakota	349	317	328	307	321	97.9	88.2	88.9	81.2	84.8
Dodge	27	30	35	37	30	140.0	151.7	180.6	198.0	146.4
Douglas	32	34	33	37	33	74.9	86.8	72.1	87.5	75.2
Faribault	19	13	19	23	21	*	*	*	167.2	105.1
Fillmore	32	28	35	22	29	146.1	119.6	154.5	85.5	135.7
Freeborn	33	43	43	39	43	97.5	127.8	119.3	111.1	117.1
Goodhue	68	60	54	74	74	136.1	123.4	114.7	149.7	147.5
Grant	2	3	6	8	3	*	*	*	*	*
Hennepin	1,076	1,127	1,197	1,186	1,231	96.0	99.3	103.4	101.4	104.9
Houston	14	5	3	2	0	*	*	*	*	*
Hubbard	7	8	1	9	5	*	*	*	*	*
Isanti	41	44	41	32	42	108.2	117.9	98.6	84.4	105.9
Itasca	46	51	49	49	46	99.6	106.1	102.3	103.9	86.3
Jackson	3	10	3	3	3	*	*	*	*	*
Kanabec	26	21	15	16	15	155.6	119.0	*	*	*
Kandiyohi	18	31	35	48	33	*	73.9	75.1	89.8	72.5
Kittson	0	1	0	0	1	*	*	*	*	*
Koochiching	14	10	18	17	9	*	*	*	*	*
Lac Qui Parle	7	3	10	7	10	*	*	*	*	*
Lake	9	16	11	9	15	*	*	*	*	*
Lake of the Woods	1	3	5	7	3	*	*	*	*	*
Le Sueur	29	42	30	42	35	98.3	147.3	113.0	155.8	130.7
Lincoln	4	1	0	3	2	*	*	*	*	*
Lyon	8	16	14	9	4	*	*	*	*	*
McLeod	26	34	34	27	23	68.9	89.5	85.8	66.4	58.4
Mahnomen	3	2	2	0	3	*	*	*	*	*
Marshall	2	1	3	2	3	*	*	*	*	*
Martin	20	22	31	24	29	85.4	112.6	152.9	98.2	108.9
Meeker	18	23	21	39	31	*	92.8	86.7	164.0	128.2
Mille Lacs	30	61	49	34	39	117.2	240.9	180.7	129.8	151.8
Morrison	31	29	29	24	35	89.1	78.4	83.5	59.4	93.9
Mower	56	67	38	64	46	122.0	159.4	83.2	152.8	107.7

**Injury Table 6: Minnesota Nonfatal Hospitalized Traumatic Brain Injury
Number and Rate per 100,000 population by State and County, 2007-2011**

	Number					Rate				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
State of Minnesota	4,857	5,102	5,064	5,059	5,144	91.8	95.8	93.6	92.4	92.6
Murray	3	7	2	1	0	*	*	*	*	*
Nicollet	27	24	29	34	12	81.4	72.2	89.2	101.1	*
Nobles	7	8	4	4	2	*	*	*	*	*
Norman	7	0	0	0	0	*	*	*	*	*
Olmsted	193	164	157	205	185	140.6	116.2	109.6	140.0	123.8
Otter Tail	31	34	27	26	33	45.2	43.5	47.0	39.0	49.8
Pennington	4	4	6	2	1	*	*	*	*	*
Pine	32	36	38	40	46	110.8	124.4	129.8	134.6	147.3
Pipestone	5	2	4	10	2	*	*	*	*	*
Polk	8	12	8	9	6	*	*	*	*	*
Pope	20	12	11	15	11	161.8	*	*	*	*
Ramsey	584	656	612	610	690	113.0	127.3	116.1	117.4	131.1
Red Lake	0	2	4	0	1	*	*	*	*	*
Redwood	14	17	18	18	10	*	*	*	*	*
Renville	23	18	22	15	17	119.3	*	118.6	*	*
Rice	64	67	60	70	78	99.7	111.6	93.9	106.3	120.6
Rock	1	2	1	3	2	*	*	*	*	*
Roseau	2	3	6	5	1	*	*	*	*	*
St. Louis	254	266	240	246	243	121.9	129.4	119.1	110.7	110.9
Scott	86	115	108	100	106	80.5	104.4	95.8	99.4	95.3
Sherburne	83	73	81	102	97	106.9	96.0	101.0	119.4	117.1
Sibley	12	12	19	13	17	*	*	*	*	*
Stearns	134	136	112	77	69	91.7	91.2	73.5	50.1	46.1
Steele	53	50	57	42	46	144.9	130.1	151.3	108.2	121.3
Stevens	15	13	15	11	12	*	*	*	*	*
Swift	9	9	13	11	5	*	*	*	*	*
Todd	20	21	24	17	23	84.7	83.7	96.0	*	85.9
Traverse	2	1	4	0	0	*	*	*	*	*
Wabasha	25	35	36	41	39	108.3	157.0	170.9	177.0	186.9
Wadena	8	6	12	7	9	*	*	*	*	*
Waseca	25	19	27	22	33	127.7	*	145.2	115.5	166.0
Washington	176	216	213	199	188	85.7	104.1	98.7	91.6	83.2
Watonwan	10	8	11	11	12	*	*	*	*	*
Wilkin	2	2	2	2	1	*	*	*	*	*
Winona	44	38	28	26	37	82.8	75.5	58.2	50.6	70.0
Wright	113	98	94	86	103	106.0	88.3	84.5	76.8	89.3
Yellow Medicine	5	5	4	10	3	*	*	*	*	*
Aitkin, Itasca and Koochiching	75	83	88	88	72	91.5	101.8	112.1	111.7	78.2
Beltrami, Clearwater, Hubbard and Lake of the Woods	52	54	38	51	37	63.7	66.7	48.9	64.6	43.5
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	26	36	45	41	29	49.2	76.2	76.5	86.8	57.2
Brown and Nicollet	50	53	52	76	41	80.3	84.0	83.3	119.0	65.2
Carlton, Cook, Lake and St. Louis	303	341	307	304	318	116.1	130.2	117.8	109.7	114.8
Clay and Wilkin	6	6	3	2	3	*	*	*	*	*
Cottonwood and Jackson	9	17	8	8	5	*	*	*	*	*
Dodge and Steele	80	80	92	79	76	143.0	138.3	160.2	140.0	131.3
Douglas, Grant, Pope, Stevens and Traverse	71	63	69	71	59	90.7	85.2	86.7	88.5	71.5
Faribault and Martin	39	35	50	47	50	100.2	95.1	144.4	125.9	108.4

**Injury Table 6: Minnesota Nonfatal Hospitalized Traumatic Brain Injury
Number and Rate per 100,000 population by State and County, 2007-2011**

	Number					Rate				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
State of Minnesota	4,857	5,102	5,064	5,059	5,144	91.8	95.8	93.6	92.4	92.6
Fillmore and Houston	46	33	38	24	29	107.9	74.9	87.5	49.2	69.9
Isanti and Mille Lacs	71	105	90	66	81	109.4	162.6	132.0	102.4	123.1
Kanabec and Pine	58	57	53	56	61	126.6	122.5	116.0	121.6	126.3
Kandiyohi and Renville	41	49	57	63	50	62.3	84.0	86.6	87.8	79.1
Kittson, Marshall, Pennington, Red Lake and Roseau	8	11	19	9	7	*	*	*	*	*
Le Sueur and Waseca	54	61	57	64	68	110.3	126.0	124.4	137.4	144.7
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	35	45	39	44	20	41.9	58.8	49.7	46.7	18.7
Mahnomen, Norman and Polk	18	14	10	9	9	*	*	*	*	*
Meeker, McCleod and Sibley	56	69	74	79	71	72.9	87.0	93.8	97.7	89.4
Morrison, Todd and Wadena	59	56	65	48	67	79.6	72.7	89.3	55.3	83.7

Source: Minnesota Department of Health, Injury and Violence Prevention Unit

Traumatic Brain Injuries (TBI): Numbers are traumatic brain injury events, (vs. people or hospitalizations). Events are nonfatal at time of discharge from the final acute care hospital. Only Minnesota residents are included. Total Minnesota values include events with unknown counties. Minnesota residents who were injured and/or hospitalized out of state and reported to the MDH are also included. All rates are per 100,000 people and were age adjusted to the US 2000 standard population.

*Rate not calculated under 20 events

For additional Minnesota data on injuries go to:

[MDH Minnesota Injury Data Access System](#)

Cases of traumatic brain injury are included if the patient receives one of the following ICD-9-CM N-codes (including respective subcoded four or five digit rubrics), either as a principal or secondary diagnosis:

- 310.2 - postconcussion syndrome
- 348.1 - (when coded with 994.1 or 994.7) - anoxic brain damage
- 800.0-800.99 - fracture of vault of skull
- 801.00-801.99 - fracture of base of skull
- 803.00-803.99 - other and unqualified skull fractures
- 804.00-804.99 - multiple fractures involving skull or face with other bones
- 850.0-850.9 - concussion
- 851.00-851.99 - cerebral laceration and contusion
- 852.00-852.59 - subarachnoid, subdural, and extradural hemorrhage, following injury
- 853.00-853.19 - other and unspecified intracranial hemorrhage following injury
- 854.00-854.19 - intracranial injury of other and unspecified nature
- 950.0-950.9 - injury to optic nerve and pathways
- 995.55 - shaken infant syndrome

AND

the patient was admitted as an inpatient to an acute care hospital

AND

the patient was discharged alive

AND

the patient is a Minnesota resident.

TBI/SCI Registry and Universal Bill-1992 version (UB-92) data are linked to provide more complete counts.

**Injury Table 7: Minnesota Nonfatal Hospitalized Spinal Cord Injury
Number and Annualized Rate per 100,000 population by State and County, 2007-2011**

	Number						Annualized Rate
	2007	2008	2009	2010	2011	2007-2011	2007-2011
State of Minnesota	294	272	259	256	298	1,379	5.1
Aitkin	2	1	3	1	0	7	*
Anoka	16	20	14	12	8	70	4.3
Becker	0	2	0	0	0	2	*
Beltrami	1	4	1	4	2	12	*
Benton	1	3	1	3	6	14	*
Big Stone	1	1	0	0	0	2	*
Blue Earth	4	7	7	4	5	27	9.3
Brown	1	2	2	1	3	9	*
Carlton	3	1	2	1	3	10	*
Carver	8	1	2	2	4	17	*
Cass	2	3	0	3	2	10	*
Chippewa	0	0	0	1	1	2	*
Chisago	5	1	1	1	3	11	*
Clay	0	1	0	0	0	1	*
Clearwater	0	0	0	1	0	1	*
Cook	0	1	0	0	0	1	*
Cottonwood	0	1	0	0	2	3	*
Crow Wing	5	8	3	2	5	23	6.6
Dakota	8	18	15	15	22	78	4.1
Dodge	5	3	3	2	2	15	*
Douglas	1	3	1	1	0	6	*
Faribault	1	2	4	1	1	9	*
Fillmore	5	4	0	6	2	17	*
Freeborn	2	2	1	1	2	8	*
Goodhue	2	4	3	4	9	22	9.1
Grant	0	0	0	0	0	0	*
Hennepin	61	54	65	66	64	310	5.3
Houston	1	0	0	0	0	1	*
Hubbard	2	0	2	0	0	4	*
Isanti	7	4	3	3	1	18	*
Itasca	3	2	2	1	1	9	*
Jackson	0	0	1	0	0	1	*
Kanabec	1	0	1	0	0	2	*
Kandiyohi	2	0	1	5	6	14	*
Kittson	0	0	0	0	0	0	*
Koochiching	1	0	1	0	0	2	*
Lac Qui Parle	1	0	1	0	1	3	*
Lake	2	0	3	1	0	6	*
Lake of the Woods	0	0	0	0	0	0	*
Le Sueur	2	2	2	3	5	14	*
Lincoln	0	0	0	0	0	0	*
Lyon	1	1	0	1	0	3	*
McLeod	2	1	0	4	0	7	*
Mahnomen	4	0	1	0	0	5	*
Marshall	0	0	0	0	0	0	*
Martin	1	1	2	1	1	6	*
Meeker	2	2	2	1	0	7	*
Mille Lacs	1	1	4	1	2	9	*
Morrison	1	1	1	1	2	6	*
Mower	1	2	4	4	2	13	*

**Injury Table 7: Minnesota Nonfatal Hospitalized Spinal Cord Injury
Number and Annualized Rate per 100,000 population by State and County, 2007-2011**

	Number						Annualized Rate
	2007	2008	2009	2010	2011	2007-2011	2007-2011
State of Minnesota	294	272	259	256	298	1,379	5.1
Murray	0	0	0	0	0	0	*
Nicollet	1	4	4	1	0	10	*
Nobles	0	0	0	0	0	0	*
Norman	0	1	0	0	0	1	*
Olmsted	14	8	11	5	11	49	6.7
Otter Tail	1	0	0	2	2	5	*
Pennington	0	0	1	0	0	1	*
Pine	2	4	2	1	0	9	*
Pipestone	0	0	0	0	0	0	*
Polk	1	2	2	1	1	7	*
Pope	3	1	0	0	1	5	*
Ramsey	25	28	27	21	39	140	5.4
Red Lake	0	0	0	0	0	0	*
Redwood	0	1	1	0	1	3	*
Renville	2	0	2	1	2	7	*
Rice	3	2	2	6	3	16	*
Rock	0	0	0	0	0	0	*
Roseau	2	0	0	0	0	2	*
St. Louis	18	9	12	15	18	72	6.8
Scott	5	7	6	6	6	30	5.1
Sherburne	7	5	2	7	6	27	6.6
Sibley	1	1	2	1	1	6	*
Stearns	6	8	4	8	4	30	3.9
Steele	1	1	0	1	4	7	*
Stevens	0	2	0	0	1	3	*
Swift	1	1	1	0	1	4	*
Todd	1	2	2	1	2	8	*
Traverse	0	0	0	0	0	0	*
Wabasha	2	1	4	2	1	10	*
Wadena	2	0	0	0	1	3	*
Waseca	0	0	0	2	3	5	*
Washington	8	10	9	13	9	49	4.3
Watonwan	2	2	0	0	0	4	*
Wilkin	0	0	0	0	0	0	*
Winona	5	1	4	1	6	17	*
Wright	10	7	2	2	7	28	5.2
Yellow Medicine	2	0	0	0	1	3	*
Aitkin, Itasca and Koochiching	6	3	6	2	1	18	*
Beltrami, Clearwater, Hubbard and Lake of the Woods	3	4	3	5	2	17	*
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	5	2	2	1	4	14	*
Brown and Nicollet	2	6	6	2	3	19	*
Carlton, Cook, Lake and St. Louis	23	11	17	17	21	89	6.7
Clay and Wilkin	0	1	0	0	0	1	*
Cottonwood and Jackson	0	1	1	0	2	4	*
Dodge and Steele	6	4	3	3	6	22	7.5
Douglas, Grant, Pope, Stevens and Traverse	4	6	1	1	2	14	*
Faribault and Martin	2	3	6	2	2	15	*

**Injury Table 7: Minnesota Nonfatal Hospitalized Spinal Cord Injury
Number and Annualized Rate per 100,000 population by State and County, 2007-2011**

	Number						Annualized Rate
	2007	2008	2009	2010	2011	2007-2011	2007-2011
State of Minnesota	294	272	259	256	298	1,379	5.1
Fillmore and Houston	6	4	0	6	2	18	*
Isanti and Mille Lacs	8	5	7	4	3	27	7.9
Kanabec and Pine	3	4	3	1	0	11	*
Kandiyohi and Renville	4	0	3	6	8	21	6.2
Kittson, Marshall, Pennington, Red Lake and Roseau	2	0	1	0	0	3	*
Le Sueur and Waseca	2	2	2	5	8	19	*
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	1	2	1	1	1	6	*
Mahnomen, Norman and Polk	5	3	3	1	1	13	*
Meeker, McCleod and Sibley	5	4	4	6	1	20	5.6
Morrison, Todd and Wadena	4	3	3	2	5	17	*

Source: Minnesota Department of Health, Injury and Violence Prevention Unit

Spinal Cord Injuries (SCI): Numbers are spinal cord injury events, (vs. people or hospitalizations). Events are nonfatal at time of discharge from the final acute care hospital. Only Minnesota residents are included. Total Minnesota values include events with unknown counties. Minnesota residents who were injured and/or hospitalized out of state and reported to the MDH are also included. All rates are per 100,000 people and were age adjusted to the US 2000 standard population.

*Rate not calculated under 20 events

Spinal Cord Injuries (SCI)

Cases of spinal cord injury are included if the patient receives one of the following ICD-9-CM N-codes (including respective subcoded four or five digit rubrics), either as a principal or secondary diagnosis:

806.00-806.9 - fracture of vertebral column with spinal cord injury

952.00-952.9 - spinal cord injury without evidence of spinal bone injury

AND

the patient was admitted as an inpatient to an acute care hospital

AND

the patient was discharged alive

AND

the patient is a Minnesota resident.

TBI/SCI Registry and Universal Bill-1992 version (UB-92) data are linked to provide more complete counts.

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

	Number of Deaths			
	1992-1996	1997-2001	2002-2006	2007-2011
State of Minnesota	3,231	3,179	3,318	2,403
Aitkin	15	23	15	19
Anoka	155	156	176	107
Becker	39	46	34	35
Beltrami	61	56	54	36
Benton	30	34	27	19
Big Stone	6	12	10	2
Blue Earth	46	33	34	36
Brown	23	17	22	18
Carlton	33	35	32	20
Carver	47	48	43	38
Cass	38	35	41	29
Chippewa	17	15	14	11
Chisago	29	35	50	25
Clay	30	32	35	20
Clearwater	18	16	12	3
Cook	6	6	4	7
Cottonwood	15	17	12	3
Crow Wing	52	51	61	29
Dakota	144	174	142	118
Dodge	23	24	24	17
Douglas	33	22	27	27
Faribault	17	13	18	14
Fillmore	23	27	20	13
Freeborn	25	19	27	21
Goodhue	31	64	51	31
Grant	8	8	7	5
Hennepin	439	428	373	272
Houston	19	16	20	19
Hubbard	15	21	24	15
Isanti	37	24	47	24
Itasca	41	48	49	32
Jackson	12	11	9	12
Kanabec	19	19	25	15
Kandiyohi	54	33	44	27
Kittson	9	3	12	6
Koochiching	17	13	15	8
Lac Qui Parle	13	10	17	8
Lake	5	6	12	12
Lake of the Woods	6	6	8	5
Le Sueur	28	25	22	16
Lincoln	12	9	12	4
Lyon	38	26	23	25
McLeod	44	31	27	19
Mahnomen	19	7	12	9
Marshall	9	12	10	5
Martin	18	14	15	19
Meeker	26	32	29	16
Mille Lacs	22	29	32	35

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

	Number of Deaths			
	1992-1996	1997-2001	2002-2006	2007-2011
Morrison	30	38	43	27
Mower	36	33	28	19
Murray	6	6	15	11
Nicollet	13	9	14	14
Nobles	20	15	22	27
Norman	16	12	14	7
Olmsted	54	70	73	62
Otter Tail	46	49	48	47
Pennington	20	11	14	18
Pine	27	35	36	20
Pipestone	10	12	12	10
Polk	28	16	27	33
Pope	11	14	12	10
Ramsey	207	183	195	141
Red Lake	9	4	5	5
Redwood	34	25	18	20
Renville	26	22	23	16
Rice	35	45	51	28
Rock	13	8	9	11
Roseau	21	19	11	10
St. Louis	147	135	148	98
Scott	48	61	73	59
Sherburne	42	48	75	39
Sibley	19	24	7	9
Stearns	121	81	103	53
Steele	24	34	33	22
Stevens	9	9	10	7
Swift	16	9	5	17
Todd	27	20	30	22
Traverse	4	2	10	2
Wabasha	20	26	28	20
Wadena	15	18	10	6
Waseca	15	18	21	13
Washington	63	72	97	64
Watonwan	15	13	17	13
Wilkin	7	4	6	5
Winona	35	42	46	27
Wright	64	80	81	75
Yellow Medicine	11	14	19	10
CHB - Aitkin, Itasca, Koochiching	73	84	79	59
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	100	99	98	59
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	63	60	65	48
CHB - Brown, Nicollet	36	26	36	32
CHB - Carlton, Cook, Lake, St. Louis	191	182	196	137
CHB - Cottonwood, Jackson	27	28	21	15
CHB - Clay, Wilkin	37	36	41	25

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

	Number of Deaths			
	1992-1996	1997-2001	2002-2006	2007-2011
CHB - Douglas, Grant, Pope, Stevens, Traverse	65	55	66	51
CHB - Dodge, Steele	47	58	57	39
CHB - Fillmore, Houston	42	43	40	32
CHB - Faribault, Martin	35	27	33	33
CHB - Isanti, Mille Lacs	59	53	79	59
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	68	49	52	44
CHB - Kanabec, Pine	46	54	61	35
CHB - Kandiyohi, Renville	80	55	67	43
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	113	86	89	81
CHB - LeSueur, Waseca	43	43	43	29
CHB - Meeker, McLeod, Sibley	89	87	63	44
CHB - Mahnomen, Norman, Polk	63	35	53	49
CHB - Morrison, Todd, Wadena	72	76	83	55

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*			
	1992-1996	1997-2001	2002-2006	2007-2011
State of Minnesota	14.2	13.3	12.8	8.9
Aitkin	*	29.8	*	*
Anoka	12.5	10.9	11.6	6.7
Becker	29.6	31.7	22.1	23.2
Beltrami	31.7	30.2	26.0	17.0
Benton	18.6	19.7	13.9	*
Big Stone	*	*	*	*
Blue Earth	17.1	10.7	12.0	12.6
Brown	17.0	*	14.0	*
Carlton	21.7	22.5	18.5	*
Carver	16.9	14.4	11.7	8.5
Cass	33.8	29.3	28.5	20.9
Chippewa	*	*	*	*
Chisago	17.0	17.7	20.4	10.3
Clay	11.1	12.9	13.4	*
Clearwater	*	*	*	*
Cook	*	*	*	*
Cottonwood	*	*	*	*
Crow Wing	20.6	19.4	19.8	8.7
Dakota	10.0	11.4	7.7	6.1
Dodge	28.8	29.0	24.2	*
Douglas	21.6	14.1	14.2	14.0
Faribault	*	*	*	*
Fillmore	24.2	29.5	18.3	*
Freeborn	15.6	*	16.5	13.6
Goodhue	15.2	29.8	21.2	13.6
Grant	*	*	*	*
Hennepin	8.4	8.0	6.6	4.5
Houston	*	*	18.5	*
Hubbard	*	27.6	23.7	*
Isanti	27.3	16.6	24.7	12.7
Itasca	19.2	22.7	22.0	15.9
Jackson	*	*	*	*
Kanabec	*	*	31.2	*
Kandiyohi	26.8	15.9	21.3	13.6
Kittson	*	*	*	*
Koochiching	*	*	*	*
Lac Qui Parle	*	*	*	*
Lake	*	*	*	*
Lake of the Woods	*	*	*	*
Le Sueur	24.5	19.4	16.0	*
Lincoln	*	*	*	*
Lyon	29.9	22.4	17.6	21.0
McLeod	26.6	18.4	14.6	*
Mahnomen	*	*	*	*
Marshall	*	*	*	*
Martin	*	*	*	*
Meeker	26.3	28.0	24.3	*
Mille Lacs	22.4	28.0	24.8	26.4

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

	Age Adjusted Death Rates per 100,000 population*			
	1992-1996	1997-2001	2002-2006	2007-2011
Morrison	21.1	26.8	25.6	16.6
Mower	18.3	17.7	13.9	*
Murray	*	*	*	*
Nicollet	*	*	*	*
Nobles	19.4	*	20.9	26.8
Norman	*	*	*	*
Olmsted	10.0	12.2	11.0	8.5
Otter Tail	19.3	19.1	16.2	17.2
Pennington	28.0	*	*	*
Pine	24.6	29.1	24.8	*
Pipestone	*	*	*	*
Polk	17.2	*	16.6	21.3
Pope	*	*	*	*
Ramsey	8.4	7.4	7.7	5.4
Red Lake	*	*	*	*
Redwood	40.2	34.1	*	*
Renville	28.8	24.2	24.6	*
Rice	13.0	16.4	15.9	8.9
Rock	*	*	*	*
Roseau	27.9	*	*	*
St. Louis	14.8	13.6	14.3	10.1
Scott	16.5	17.8	14.3	9.8
Sherburne	16.9	16.9	19.2	10.1
Sibley	*	31.7	*	*
Stearns	18.9	12.4	14.1	7.0
Steele	15.9	21.4	18.7	11.8
Stevens	*	*	*	*
Swift	*	*	*	*
Todd	23.7	16.2	24.1	18.9
Traverse	*	*	*	*
Wabasha	19.3	24.2	24.5	*
Wadena	*	*	*	*
Waseca	*	*	20.9	*
Washington	7.8	8.1	9.0	5.8
Watonwan	*	*	*	*
Wilkin	*	*	*	*
Winona	13.0	17.4	18.3	11.1
Wright	17.7	19.8	15.0	13.6
Yellow Medicine	*	*	*	*
CHB - Aitkin, Itasca, Koochiching	20.8	22.9	20.7	16.2
CHB - Beltrami, Clearwater, Hubbard, Lake of the Woods	30.5	30.0	26.8	16.5
CHB - Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine	25.5	24.8	25.1	22.6
CHB - Brown, Nicollet	12.4	9.3	11.4	10.4
CHB - Carlton, Cook, Lake, St. Louis	15.7	14.9	15.1	10.9
CHB - Cottonwood, Jackson	23.0	23.2	17.9	*
CHB - Clay, Wilkin	11.8	12.4	13.7	8.5

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

	Age Adjusted Death Rates per 100,000 population*			
	1992-1996	1997-2001	2002-2006	2007-2011
CHB - Douglas, Grant, Pope, Stevens, Traverse	20.5	16.7	18.8	15.8
CHB - Dodge, Steele	20.2	24.0	20.5	13.4
CHB - Fillmore, Houston	22.1	22.2	18.3	15.0
CHB - Faribault, Martin	18.1	11.9	16.9	17.1
CHB - Isanti, Mille Lacs	25.4	20.6	24.6	17.9
CHB - Kittson, Marshall, Pennington, Red Lake, Roseau	27.7	20.6	19.9	18.7
CHB - Kanabec, Pine	26.4	28.3	27.0	15.9
CHB - Kandiyohi, Renville	27.6	18.2	22.5	15.3
CHB - Lincoln, Lyon, Murray, Pipestone, Redwood, Rock	28.5	23.5	21.8	21.9
CHB - LeSueur, Waseca	21.8	19.6	17.9	12.5
CHB - Meeker, McLeod, Sibley	26.4	24.3	16.5	11.6
CHB - Mahnomen, Norman, Polk	28.5	16.4	24.1	23.8
CHB - Morrison, Todd, Wadena	22.4	23.7	23.2	16.2

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, 2011**

	Injury Severity					
	Severe	Moderate	Minor	Killed	Unhurt	Total
State of Minnesota	1,159	7,110	22,026	368	144,920	175,583
Aitkin	9	26	50	2	240	327
Anoka	44	318	1,146	11	6,223	7,742
Becker	13	45	109	4	470	641
Beltrami	13	63	184	4	895	1,159
Benton	23	58	175	4	1,019	1,279
Big Stone	5	11	15	0	97	128
Blue Earth	12	129	336	8	2,301	2,786
Brown	12	30	96	6	642	786
Carlton	8	54	97	6	627	792
Carver	12	71	247	6	1,642	1,978
Cass	14	60	87	5	414	580
Chippewa	6	9	35	3	230	283
Chisago	10	113	224	5	1,030	1,382
Clay	12	36	225	2	1,774	2,049
Clearwater	7	8	4	2	72	93
Cook	1	10	22	1	74	108
Cottonwood	5	16	36	3	214	274
Crow Wing	8	81	272	7	1,356	1,724
Dakota	68	436	1,525	16	9,593	11,638
Dodge	3	17	48	2	300	370
Douglas	10	63	200	1	1,147	1,421
Faribault	4	31	56	4	211	306
Fillmore	4	25	63	3	287	382
Freeborn	8	34	163	2	845	1,052
Goodhue	23	79	182	5	1,410	1,699
Grant	3	14	17	1	111	146
Hennepin	176	1,665	6,497	45	41,857	50,240
Houston	9	15	31	1	374	430
Hubbard	5	41	37	4	219	306
Isanti	12	75	84	2	656	829
Itasca	17	57	164	5	917	1,160
Jackson	6	16	35	1	164	222
Kanabec	8	15	50	2	250	325
Kandiyohi	12	90	189	6	1,235	1,532
Kittson	1	7	2	1	16	27
Koochiching	9	13	33	0	240	295
Lac Qui Parle	1	9	9	2	53	74
Lake	3	31	34	7	168	243
Lake of the Woods	0	7	16	0	40	63
Le Sueur	14	32	81	3	478	608
Lincoln	2	1	13	1	110	127
Lyon	9	45	72	0	689	815
McLeod	6	39	117	1	788	951
Mahnomen	1	8	24	0	51	84
Marshall	8	6	20	1	62	97
Martin	7	14	98	0	424	543
Meeker	5	53	64	7	398	527
Mille Lacs	7	47	97	7	363	521
Morrison	15	44	102	8	566	735
Mower	6	29	125	2	868	1,030
Murray	0	14	25	1	118	158

**Injury Table 10: Motor Vehicle Injuries by Severity in Minnesota
By State and County, 2011**

	Injury Severity					
	Severe	Moderate	Minor	Killed	Unhurt	Total
State of Minnesota	1,159	7,110	22,026	368	144,920	175,583
Nicollet	5	59	120	5	788	977
Nobles	6	69	135	3	697	910
Norman	2	4	21	4	79	110
Olmsted	36	241	550	9	3,738	4,574
Otter Tail	32	81	211	11	1,109	1,444
Pennington	2	30	39	1	227	299
Pine	6	85	128	6	642	867
Pipestone	5	10	22	2	135	174
Polk	12	39	55	7	450	563
Pope	3	11	26	1	140	181
Ramsey	91	643	2,559	14	23,321	26,628
Red Lake	0	2	4	2	25	33
Redwood	4	17	59	4	340	424
Renville	3	13	41	2	204	263
Rice	13	83	222	2	1,180	1,500
Rock	5	24	59	3	233	324
Roseau	2	17	37	2	159	217
St. Louis	55	249	796	12	6,252	7,364
Scott	19	131	409	9	2,338	2,906
Sherburne	25	136	295	3	1,896	2,355
Sibley	9	27	34	0	202	272
Stearns	28	198	740	13	5,279	6,258
Steele	9	49	139	2	940	1,139
Stevens	3	8	14	1	161	187
Swift	1	14	17	0	116	148
Todd	2	32	71	1	319	425
Traverse	0	1	13	0	42	56
Wabasha	7	36	55	7	382	487
Wadena	4	23	39	0	219	285
Waseca	6	13	56	2	335	412
Washington	33	241	805	6	4,751	5,836
Watonwan	2	16	31	1	203	253
Wilkin	1	12	18	0	188	219
Winona	11	127	173	6	1,161	1,478
Wright	27	145	375	6	2,171	2,724
Yellow Medicine	14	14	25	1	170	224
Aitkin, Itasca and Koochiching	35	96	247	7	1,397	1,782
Beltrami, Clearwater, Hubbard and Lake of the Woods	25	119	241	10	1,226	1,621
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	27	57	101	6	666	857
Brown and Nicollet	17	89	216	11	1,430	1,763
Carlton, Cook, Lake and St. Louis	67	344	949	26	7,121	8,507
Clay and Wilkin	13	48	243	2	1,962	2,268
Cottonwood and Jackson	11	32	71	4	378	496
Dodge and Steele	12	66	187	4	1,240	1,509

**Injury Table 10: Motor Vehicle Injuries by Severity in Minnesota
By State and County, 2011**

	Injury Severity					
	Severe	Moderate	Minor	Killed	Unhurt	Total
State of Minnesota	1,159	7,110	22,026	368	144,920	175,583
Douglas, Grant, Pope, Stevens and Traverse	19	97	270	4	1,601	1,991
Faribault and Martin	11	45	154	4	635	849
Fillmore and Houston	13	40	94	4	661	812
Isanti and Mille Lacs	19	122	181	9	1,019	1,350
Kanabec and Pine	14	100	178	8	892	1,192
Kandiyohi and Renville	15	103	230	8	1,439	1,795
Kittson, Marshall, Pennington, Red Lake and Roseau	13	62	102	7	489	673
Le Sueur and Waseca	20	45	137	5	813	1,020
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	25	111	250	11	1,625	2,022
Mahnomen, Norman and Polk	15	51	100	11	580	757
Meeker, McCleod and Sibley	20	119	215	8	1,388	1,750
Morrison, Todd and Wadena	21	99	212	9	1,104	1,445

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, 2011**

	Seatbelt Use						Total Killed or Injured
	Used		Not Used		Unknown		
	Number	Percent	Number	Percent	Number	Percent	
State of Minnesota	22,525	82.9	1,990	7.3	2,647	9.7	27,162
Aitkin	62	80.5	8	10.4	7	9.1	77
Anoka	1,159	84.0	83	6.0	138	10.0	1,380
Becker	120	76.4	22	14.0	15	9.6	157
Beltrami	194	78.2	18	7.3	36	14.5	248
Benton	201	84.8	19	8.0	17	7.2	237
Big Stone	17	63.0	8	29.6	2	7.4	27
Blue Earth	351	84.0	33	7.9	34	8.1	418
Brown	108	85.7	9	7.1	9	7.1	126
Carlton	108	76.6	18	12.8	15	10.6	141
Carver	251	85.1	23	7.8	21	7.1	295
Cass	113	72.4	31	19.9	12	7.7	156
Chippewa	34	70.8	7	14.6	7	14.6	48
Chisago	282	87.0	24	7.4	18	5.6	324
Clay	193	78.1	38	15.4	16	6.5	247
Clearwater	10	62.5	4	25.0	2	12.5	16
Cook	24	80.0	3	10.0	3	10.0	30
Cottonwood	40	75.5	6	11.3	7	13.2	53
Crow Wing	293	85.9	16	4.7	32	9.4	341
Dakota	1,624	87.5	108	5.8	123	6.6	1,855
Dodge	37	63.8	8	13.8	13	22.4	58
Douglas	234	91.1	13	5.1	10	3.9	257
Faribault	69	75.0	10	10.9	13	14.1	92
Fillmore	66	82.5	10	12.5	4	5.0	80
Freeborn	151	80.7	19	10.2	17	9.1	187
Goodhue	229	88.4	17	6.6	13	5.0	259
Grant	24	72.7	6	18.2	3	9.1	33
Hennepin	5,969	82.4	349	4.8	928	12.8	7,246
Houston	36	75.0	10	20.8	2	4.2	48
Hubbard	56	72.7	17	22.1	4	5.2	77
Isanti	132	88.0	13	8.7	5	3.3	150
Itasca	178	80.2	16	7.2	28	12.6	222
Jackson	39	72.2	10	18.5	5	9.3	54
Kanabec	57	86.4	5	7.6	4	6.1	66
Kandiyohi	228	83.2	28	10.2	18	6.6	274
Kittson	6	54.5	4	36.4	1	9.1	11
Koochiching	40	83.3	5	10.4	3	6.3	48
Lac Qui Parle	12	75.0	2	12.5	2	12.5	16
Lake	50	73.5	7	10.3	11	16.2	68
Lake of the Woods	16	72.7	4	18.2	2	9.1	22
Le Sueur	89	84.0	8	7.5	9	8.5	106
Lincoln	12	75.0	3	18.8	1	6.3	16
Lyon	91	77.8	13	11.1	13	11.1	117
McLeod	124	85.5	13	9.0	8	5.5	145
Mahnomen	20	66.7	4	13.3	6	20.0	30
Marshall	14	45.2	13	41.9	4	12.9	31
Martin	91	82.7	11	10.0	8	7.3	110
Meeker	88	72.1	28	23.0	6	4.9	122
Mille Lacs	105	71.9	24	16.4	17	11.6	146
Morrison	128	83.1	17	11.0	9	5.8	154
Mower	110	82.1	12	9.0	12	9.0	134

**Injury Table 11: Seatbelt Use by Vehicle Occupant Killed or Injured in Minnesota
By State and County, 2011**

	Seatbelt Use						Total Killed or Injured
	Used		Not Used		Unknown		
	Number	Percent	Number	Percent	Number	Percent	
State of Minnesota	22,525	82.9	1,990	7.3	2,647	9.7	27,162
Murray	20	50.0	13	32.5	7	17.5	40
Nicollet	145	84.3	3	1.7	24	14.0	172
Nobles	150	76.5	29	14.8	17	8.7	196
Norman	15	50.0	4	13.3	11	36.7	30
Olmsted	663	87.1	55	7.2	43	5.7	761
Otter Tail	221	72.5	59	19.3	25	8.2	305
Pennington	49	74.2	14	21.2	3	4.5	66
Pine	175	85.0	18	8.7	13	6.3	206
Pipestone	30	76.9	8	20.5	1	2.6	39
Polk	69	65.7	22	21.0	14	13.3	105
Pope	31	81.6	3	7.9	4	10.5	38
Ramsey	2,342	82.5	122	4.3	374	13.2	2,838
Red Lake	3	37.5	5	62.5	0	0.0	8
Redwood	56	71.8	14	17.9	8	10.3	78
Renville	38	73.1	13	25.0	1	1.9	52
Rice	247	86.1	23	8.0	17	5.9	287
Rock	71	79.8	14	15.7	4	4.5	89
Roseau	38	79.2	10	20.8	0	0.0	48
St. Louis	820	84.9	75	7.8	71	7.3	966
Scott	462	89.4	27	5.2	28	5.4	517
Sherburne	350	84.5	24	5.8	40	9.7	414
Sibley	49	75.4	8	12.3	8	12.3	65
Stearns	753	87.3	51	5.9	59	6.8	863
Steele	152	85.9	11	6.2	14	7.9	177
Stevens	17	68.0	5	20.0	3	12.0	25
Swift	21	80.8	2	7.7	3	11.5	26
Todd	61	67.8	13	14.4	16	17.8	90
Traverse	7	53.8	3	23.1	3	23.1	13
Wabasha	67	82.7	10	12.3	4	4.9	81
Wadena	40	63.5	14	22.2	9	14.3	63
Waseca	57	83.8	7	10.3	4	5.9	68
Washington	853	88.0	58	6.0	58	6.0	969
Watonwan	35	79.5	3	6.8	6	13.6	44
Wilkin	21	67.7	10	32.3	0	0.0	31
Winona	230	81.6	18	6.4	34	12.1	282
Wright	456	89.9	30	5.9	21	4.1	507
Yellow Medicine	26	54.2	15	31.3	7	14.6	48
Aitkin, Itasca and Koochiching	280	80.7	29	8.4	38	11.0	347
Beltrami, Clearwater, Hubbard and Lake of the Woods	276	76.0	43	11.8	44	12.1	363
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	110	66.7	34	20.6	21	12.7	165
Brown and Nicollet	253	84.9	12	4.0	33	11.1	298
Carlton, Cook, Lake and St. Louis	1,002	83.2	103	8.5	100	8.3	1205
Clay and Wilkin	214	77.0	48	17.3	16	5.8	278

**Injury Table 11: Seatbelt Use by Vehicle Occupant Killed or Injured in Minnesota
By State and County, 2011**

	Seatbelt Use						Total Killed or Injured
	Used		Not Used		Unknown		
	Number	Percent	Number	Percent	Number	Percent	
State of Minnesota	22,525	82.9	1,990	7.3	2,647	9.7	27,162
Cottonwood and Jackson	79	73.8	16	15.0	12	11.2	107
Dodge and Steele	189	80.4	19	8.1	27	11.5	235
Douglas, Grant, Pope, Stevens and Traverse	313	85.5	30	8.2	23	6.3	366
Faribault and Martin	160	79.2	21	10.4	21	10.4	202
Fillmore and Houston	102	79.7	20	15.6	6	4.7	128
Isanti and Mille Lacs	237	80.1	37	12.5	22	7.4	296
Kanabec and Pine	232	85.3	23	8.5	17	6.3	272
Kandiyohi and Renville	266	81.6	41	12.6	19	5.8	326
Kittson, Marshall, Pennington, Red Lake and Roseau	110	67.1	46	28.0	8	4.9	164
Le Sueur and Waseca	146	83.9	15	8.6	13	7.5	174
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	280	73.9	65	17.2	34	9.0	379
Mahnomen, Norman and Polk	104	63.0	30	18.2	31	18.8	165
Meeker, McCleod and Sibley	261	78.6	49	14.8	22	6.6	332
Morrison, Todd and Wadena	229	74.6	44	14.3	34	11.1	307

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, 2011

	Fatalities			Injuries			Cost of Alcohol-related Crashes, Fatalities and Injuries
	Total Fatalities	Alcohol Related Fatalities		Total	Alcohol Related		
	Number	Number	Percent	Number	Number	Percent	
State of Minnesota	368	136	37.0	30,295	2,375	7.8	\$ 246,287,600
Aitkin	2	1	50.0	85	12	14.1	\$ 1,703,500
Anoka	11	4	36.4	1,508	100	6.6	\$ 7,710,100
Becker	4	2	50.0	167	17	10.2	\$ 3,252,500
Beltrami	4	3	75.0	260	22	8.5	\$ 4,838,700
Benton	4	1	25.0	256	20	7.8	\$ 2,190,800
Big Stone	0	0	0.0	31	8	25.8	\$ 299,700
Blue Earth	8	3	37.5	477	24	5.0	\$ 4,799,200
Brown	6	1	16.7	138	6	4.3	\$ 1,618,200
Carlton	6	5	83.3	159	10	6.3	\$ 7,318,300
Carver	6	2	33.3	330	21	6.4	\$ 3,332,000
Cass	5	1	20.0	161	20	12.4	\$ 1,909,400
Chippewa	3	1	33.3	50	8	16.0	\$ 1,803,500
Chisago	5	2	40.0	347	30	8.6	\$ 3,388,800
Clay	2	1	50.0	273	39	14.3	\$ 2,308,900
Clearwater	2	2	100.0	19	4	21.1	\$ 2,983,600
Cook	1	0	0.0	33	4	12.1	\$ 50,400
Cottonwood	3	2	66.7	57	3	5.3	\$ 2,877,200
Crow Wing	7	3	42.9	361	26	7.2	\$ 4,748,400
Dakota	16	2	12.5	2,029	127	6.3	\$ 5,414,600
Dodge	2	0	0.0	68	4	5.9	\$ 116,700
Douglas	1	0	0.0	273	30	11.0	\$ 728,900
Faribault	4	1	25.0	91	5	5.5	\$ 1,558,700
Fillmore	3	0	0.0	92	12	13.0	\$ 227,200
Freeborn	2	0	0.0	205	18	8.8	\$ 378,800
Goodhue	5	3	60.0	284	36	12.7	\$ 5,018,300
Grant	1	0	0.0	34	2	5.9	\$ 44,600
Hennepin	45	16	35.6	8,338	493	5.9	\$ 32,678,400
Houston	1	0	0.0	55	11	20.0	\$ 347,200
Hubbard	4	2	50.0	83	15	18.1	\$ 3,283,900
Isanti	2	0	0.0	171	17	9.9	\$ 443,800
Itasca	5	1	20.0	238	26	10.9	\$ 2,051,300
Jackson	1	0	0.0	57	7	12.3	\$ 324,300
Kanabec	2	0	0.0	73	8	11.0	\$ 233,400
Kandiyohi	6	0	0.0	291	30	10.3	\$ 730,500
Kittson	1	1	100.0	10	1	10.0	\$ 1,432,300
Koochiching	0	0	0.0	55	13	23.6	\$ 551,900
Lac Qui Parle	2	2	100.0	19	1	5.3	\$ 2,832,600
Lake	7	5	71.4	68	8	11.8	\$ 7,217,100
Lake of the Woods	0	0	0.0	23	6	26.1	\$ 114,400
Le Sueur	3	0	0.0	127	21	16.5	\$ 426,300
Lincoln	1	0	0.0	16	1	6.3	\$ 12,600
Lyon	0	0	0.0	126	17	13.5	\$ 565,100
McLeod	1	0	0.0	162	11	6.8	\$ 167,700
Mahnomen	0	0	0.0	33	4	12.1	\$ 116,700
Marshall	1	1	100.0	34	10	29.4	\$ 1,715,500
Martin	0	0	0.0	119	9	7.6	\$ 255,700
Meeker	7	5	71.4	122	14	11.5	\$ 7,378,400
Mille Lacs	7	4	57.1	151	27	17.9	\$ 6,416,800
Morrison	8	3	37.5	161	24	14.9	\$ 5,015,900

Injury Table 12: Minnesota Alcohol-Related Motor Vehicle Fatalities and Injuries by State and County, 2011

	Fatalities			Injuries			Cost of Alcohol-related Crashes, Fatalities and Injuries
	Total Fatalities	Alcohol Related Fatalities		Total	Alcohol Related		
	Number	Number	Percent	Number	Number	Percent	
State of Minnesota	368	136	37.0	30,295	2,375	7.8	\$ 246,287,600
Mower	2	1	50.0	160	12	7.5	\$ 1,656,600
Murray	1	0	0.0	39	9	23.1	\$ 142,500
Nicollet	5	0	0.0	184	8	4.3	\$ 120,200
Nobles	3	1	33.3	210	12	5.7	\$ 1,609,700
Norman	4	3	75.0	27	5	18.5	\$ 4,302,700
Olmsted	9	3	33.3	827	54	6.5	\$ 5,725,400
Otter Tail	11	3	27.3	324	45	13.9	\$ 5,375,900
Pennington	1	0	0.0	71	8	11.3	\$ 262,500
Pine	6	3	50.0	219	22	10.0	\$ 4,783,700
Pipestone	2	2	100.0	37	6	16.2	\$ 3,084,800
Polk	7	2	28.6	106	17	16.0	\$ 3,225,000
Pope	1	1	100.0	40	5	12.5	\$ 1,482,700
Ramsey	14	6	42.9	3,293	258	7.8	\$ 13,373,000
Red Lake	2	2	100.0	6	0	0.0	\$ 2,820,000
Redwood	4	0	0.0	80	9	11.3	\$ 170,000
Renville	2	1	50.0	57	6	10.5	\$ 1,551,900
Rice	2	0	0.0	318	16	5.0	\$ 326,100
Rock	3	0	0.0	88	1	1.1	\$ 12,600
Roseau	2	2	100.0	56	1	1.8	\$ 2,842,300
St. Louis	12	7	58.3	1,100	126	11.5	\$ 13,100,500
Scott	9	3	33.3	559	37	6.6	\$ 4,982,400
Sherburne	3	1	33.3	456	49	10.7	\$ 2,551,300
Sibley	0	0	0.0	70	5	7.1	\$ 185,900
Stearns	13	6	46.2	966	75	7.8	\$ 9,893,300
Steele	2	0	0.0	197	8	4.1	\$ 129,900
Stevens	1	1	100.0	25	3	12.0	\$ 1,523,800
Swift	0	0	0.0	32	6	18.8	\$ 151,600
Todd	1	0	0.0	105	9	8.6	\$ 255,700
Traverse	0	0	0.0	14	0	0.0	\$ -
Wabasha	7	3	42.9	98	11	11.2	\$ 4,483,400
Wadena	0	0	0.0	66	8	12.1	\$ 262,500
Waseca	2	1	50.0	75	10	13.3	\$ 1,734,900
Washington	6	1	16.7	1,079	71	6.6	\$ 2,953,000
Watonwan	1	0	0.0	49	5	10.2	\$ 129,300
Wilkin	0	0	0.0	31	2	6.5	\$ 81,800
Winona	6	2	33.3	311	27	8.7	\$ 3,514,300
Wright	6	1	16.7	547	39	7.1	\$ 2,140,700
Yellow Medicine	1	0	0.0	53	8	15.1	\$ 412,900
Aitkin, Itasca and Koochiching	7	2	28.6	378	51	13.5	\$ 4,306,700
Beltrami, Clearwater, Hubbard and Lake of the Woods	10	7	70.0	385	47	12.2	\$ 11,220,600
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	6	3	50.0	185	31	16.8	\$ 5,500,300
Brown and Nicollet	11	1	9.1	322	14	4.3	\$ 1,738,400
Carlton, Cook, Lake and St. Louis	26	17	65.4	1,360	148	10.9	\$ 27,686,300
Clay and Wilkin	2	1	50.0	304	41	13.5	\$ 2,390,700

Injury Table 12: Minnesota Alcohol-Related Motor Vehicle Fatalities and Injuries by State and County, 2011

	Fatalities			Injuries			Cost of Alcohol-related Crashes, Fatalities and Injuries
	Total Fatalities	Alcohol Related Fatalities		Total	Alcohol Related		
	Number	Number	Percent	Number	Number	Percent	
State of Minnesota	368	136	37.0	30,295	2,375	7.8	\$ 246,287,600
Cottonwood and Jackson	4	2	50.0	114	10	8.8	\$ 3,201,500
Dodge and Steele	4	0	0.0	265	12	4.5	\$ 246,600
Douglas, Grant, Pope, Stevens and Traverse	4	2	50.0	386	40	10.4	\$ 3,780,000
Faribault and Martin	4	1	25.0	210	14	6.7	\$ 1,814,400
Fillmore and Houston	4	0	0.0	147	23	15.6	\$ 574,400
Isanti and Mille Lacs	9	4	44.4	322	44	13.7	\$ 6,860,600
Kanabec and Pine	8	3	37.5	292	30	10.3	\$ 5,017,100
Kandiyohi and Renville	8	1	12.5	348	36	10.3	\$ 2,282,400
Kittson, Marshall, Pennington, Red Lake and Roseau	7	6	85.7	177	20	11.3	\$ 9,072,600
Le Sueur and Waseca	5	1	20.0	202	31	15.3	\$ 2,161,200
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	11	2	18.2	386	43	11.1	\$ 3,987,600
Mahnomen, Norman and Polk	11	5	45.5	166	26	15.7	\$ 7,644,400
Meeker, McCleod and Sibley	8	5	62.5	354	30	8.5	\$ 7,732,000
Morrison, Todd and Wadena	9	3	33.3	332	41	12.3	\$ 5,534,100

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

	2007		2008		2009		2010		2011		2007-2011
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
State of Minnesota*	38,661	74.8	35,768	68.8	32,756	62.7	29,918	56.8	29,257	54.7	63.5
Aitkin	247	153.0	158	99.3	134	85.2	104	66.5	138	85.1	98.0
Anoka	2,340	71.6	2,131	65.3	1,912	58.5	1,678	50.6	1,445	43.4	57.8
Becker	383	118.8	326	102.0	271	84.7	275	85.7	255	77.8	93.8
Beltrami	508	117.7	534	122.5	419	95.6	375	84.6	430	95.0	102.9
Benton	358	92.5	293	74.2	246	61.7	196	48.8	156	40.3	63.4
Big Stone	35	63.5	27	50.1	20	**	24	45.7	20	**	47.1
Blue Earth	613	105.2	597	99.8	643	106.5	468	76.7	397	61.7	89.5
Brown	162	61.5	149	57.3	141	54.5	126	49.2	118	45.9	53.7
Carlton	252	73.9	229	67.6	241	71.0	258	75.2	245	69.1	71.3
Carver	396	45.2	375	42.4	283	31.4	284	30.8	331	35.7	37.0
Cass	367	126.4	271	94.3	245	85.3	228	79.9	221	77.8	92.9
Chippewa	97	76.3	97	77.8	49	39.5	76	61.7	56	45.5	60.3
Chisago	370	73.5	317	63.2	310	61.7	236	46.6	214	39.7	56.7
Clay	682	125.2	545	99.4	576	103.3	567	99.9	511	85.4	102.3
Clearwater	57	67.5	75	91.0	81	98.2	91	110.4	48	54.7	83.9
Cook	61	114.5	41	76.0	47	86.4	38	69.4	30	57.5	80.8
Cottonwood	72	61.8	75	66.1	55	48.7	57	51.3	69	59.0	57.5
Crow Wing	648	106.2	588	95.4	509	81.9	421	67.1	365	58.2	81.6
Dakota	2,907	74.9	2,518	64.5	2,337	59.5	2,057	51.9	2,035	50.6	60.2
Dodge	163	82.4	126	64.4	100	50.6	83	42.0	104	51.4	58.1
Douglas	265	74.7	300	83.2	266	73.4	227	62.4	213	58.9	70.5
Faribault	101	66.1	79	53.1	57	39.0	59	40.7	64	44.1	48.8
Fillmore	116	54.8	102	48.5	90	43.2	92	44.2	88	42.2	46.6
Freeborn	184	58.2	169	54.1	190	61.4	204	65.8	198	63.5	60.6
Goodhue	402	87.8	444	96.9	384	83.7	335	73.1	347	75.1	83.3
Grant	37	60.9	40	66.4	40	66.6	28	48.0	22	36.7	55.8
Hennepin	7,789	69.4	7,500	66.0	6,783	59.4	6,307	54.5	6,769	57.9	61.4
Houston	170	85.7	156	79.9	121	62.9	108	56.1	109	57.6	68.6
Hubbard	165	87.3	116	61.8	137	72.8	111	59.5	164	80.8	72.6
Isanti	256	66.4	187	48.0	161	41.2	138	35.0	150	39.2	45.9
Itasca	460	102.8	342	76.8	386	86.7	280	62.6	319	70.8	79.9
Jackson	97	87.0	69	63.4	59	55.0	65	60.3	63	61.8	65.7
Kanabec	150	92.2	123	76.4	81	50.3	104	65.4	110	68.0	70.5
Kandiyohi	269	65.5	297	72.8	279	68.6	215	52.3	226	53.6	62.5
Kittson	20	**	24	53.3	18	**	15	**	22	48.7	43.9
Koochiching	108	79.1	97	72.1	89	67.2	92	70.1	81	61.3	70.0
Lac Qui Parle	47	63.0	35	48.2	38	53.0	39	54.9	26	36.1	51.1
Lake	71	64.7	53	49.3	62	58.4	72	67.9	42	38.8	55.8
Lake of the Woods	39	90.1	47	114.8	50	125.5	38	97.9	35	87.3	103.0
Le Sueur	181	64.9	151	53.9	155	55.3	107	38.1	107	38.7	50.2
Lincoln	38	63.7	25	42.5	23	39.4	26	45.4	22	37.8	45.9
Lyon	166	67.4	193	78.2	177	71.2	173	69.0	139	53.7	67.8
McLeod	290	77.8	281	75.5	222	59.7	173	46.8	182	50.0	62.0
Mahnomen	113	222.8	113	220.3	104	202.8	96	191.0	107	196.1	206.5
Marshall	58	58.3	61	63.4	35	36.8	37	40.3	42	44.3	48.8
Martin	181	87.2	151	73.8	118	57.7	126	62.2	90	43.5	64.9
Meeker	145	62.0	123	53.0	95	41.0	94	40.6	60	25.8	44.5
Mille Lacs	288	110.1	234	88.8	233	88.3	221	83.8	189	72.8	88.8
Morrison	211	64.1	199	60.8	171	52.0	186	56.6	155	46.6	56.0
Mower	343	88.7	414	108.8	303	80.0	262	68.6	275	69.9	83.1
Murray	37	42.2	37	43.5	25	29.8	19	**	21	24.3	32.5
Nicollet	255	81.4	239	75.4	188	58.7	176	54.6	170	51.8	64.2

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

	2007		2008		2009		2010		2011		2007-2011
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
State of Minnesota*	38,661	74.8	35,768	68.8	32,756	62.7	29,918	56.8	29,257	54.7	63.5
Nobles	186	91.0	175	86.9	166	81.5	149	72.5	115	53.7	76.9
Norman	43	62.8	28	41.9	37	56.0	22	34.1	50	72.8	53.8
Olmsted	1,014	73.7	996	71.3	973	68.8	865	60.1	943	64.7	67.6
Otter Tail	435	75.2	345	60.5	299	52.7	335	59.2	294	51.4	59.8
Pennington	107	78.1	96	69.8	63	45.8	74	53.5	66	46.9	58.7
Pine	274	96.4	263	93.4	200	70.7	198	69.8	170	57.4	77.4
Pipestone	74	78.5	61	65.6	45	47.9	45	48.1	47	49.5	57.9
Polk	282	90.7	264	86.0	271	88.3	254	82.5	231	73.4	84.2
Pope	62	55.3	56	50.6	49	44.4	50	46.0	39	35.8	46.5
Ramsey	2,912	59.0	2,995	59.9	2,862	57.1	2,946	58.2	2,666	51.8	57.2
Red Lake	71	170.3	53	128.7	43	105.7	36	86.0	30	73.1	112.8
Redwood	152	96.3	117	75.4	139	89.7	95	61.4	87	54.5	75.4
Renville	111	67.1	102	63.2	103	64.9	136	86.5	122	78.7	72.0
Rice	433	69.9	407	65.7	363	58.2	327	52.1	329	51.1	59.3
Rock	54	56.6	37	39.0	29	30.6	36	38.0	51	53.0	43.5
Roseau	127	78.4	145	90.9	147	92.7	91	57.2	113	72.7	78.4
St. Louis	1,559	79.5	1,589	80.8	1,657	84.2	1,313	66.4	1,262	63.0	74.7
Scott	1,067	86.0	953	75.3	816	63.3	760	57.6	632	47.7	65.6
Sherburne	690	81.2	582	67.4	534	60.9	469	53.4	412	46.1	61.6
Sibley	129	85.3	85	56.6	65	43.5	53	35.5	41	27.0	49.6
Stearns	1,298	90.1	1,063	72.8	1,021	69.4	968	65.0	951	62.8	71.9
Steele	244	67.4	208	57.2	227	62.1	217	59.0	189	51.7	59.5
Stevens	45	45.8	42	43.6	42	43.5	27	28.0	51	52.7	42.7
Swift	51	49.5	57	50.9	41	37.2	37	34.2	66	68.5	47.5
Todd	206	84.5	141	58.7	147	61.5	107	44.8	81	32.6	56.4
Traverse	16	**	14	**	6	**	15	**	8	**	32.3
Wabasha	172	77.2	177	81.3	184	84.4	132	60.3	131	60.6	72.8
Wadena	112	83.3	99	74.0	89	66.9	70	52.8	66	48.0	64.9
Waseca	149	76.5	123	63.0	88	45.3	77	41.0	84	43.6	54.0
Washington	1,355	60.2	1,311	57.9	1,260	55.0	1,114	48.0	1,010	41.9	52.4
Watsonwan	83	74.3	63	57.2	60	55.2	36	33.0	50	44.6	52.9
Wilkin	78	117.6	58	90.4	42	66.8	52	83.0	71	107.7	93.5
Winona	359	72.8	395	79.3	339	68.0	350	70.8	332	64.6	71.1
Wright	838	73.0	675	57.5	512	42.8	476	39.0	592	46.8	51.5
Yellow Medicine	103	98.8	120	118.5	78	78.3	119	120.6	80	77.6	98.6
Aitkin, Itasca and Koochiching	815	109.3	597	80.8	609	82.9	476	64.8	538	72.2	82.0
Beltrami, Clearwater, Hubbard and Lake of the Woods	769	102.8	772	103.3	687	91.7	615	81.9	677	86.4	93.1
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	333	71.7	336	72.4	226	49.2	295	65.0	248	55.5	62.8
Brown and Nicollet	417	72.3	388	67.3	329	56.8	302	52.2	288	49.2	59.5
Carlton, Cook, Lake and St. Louis	1,943	78.8	1,912	77.5	2,007	81.3	1,681	67.7	1,579	62.7	73.6
Clay and Wilkin	760	124.4	603	98.4	618	99.6	619	98.2	582	87.7	101.4
Cottonwood and Jackson	169	74.1	144	64.8	114	51.8	122	55.7	132	60.3	61.4
Dodge and Steele	407	72.7	334	59.7	327	58.1	300	53.1	293	51.6	59.0

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

	2007		2008		2009		2010		2011		2007-2011
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
State of Minnesota*	38,661	74.8	35,768	68.8	32,756	62.7	29,918	56.8	29,257	54.7	63.5
Douglas, Grant, Pope, Stevens and Traverse	425	64.0	452	68.0	403	60.5	347	52.3	333	50.3	59.0
Faribault and Martin	282	78.2	230	65.1	175	49.9	185	53.2	154	43.8	58.2
Fillmore and Houston	286	69.8	258	63.6	211	52.6	200	49.9	197	49.5	57.2
Isanti and Mille Lacs	544	84.0	421	64.5	394	60.2	359	54.5	339	52.8	63.2
Kanabec and Pine	424	94.9	386	87.2	281	63.3	302	68.2	280	61.2	74.9
Kandiyohi and Renville	380	66.0	399	70.1	382	67.6	351	61.8	348	60.3	65.1
Kittson, Marshall, Pennington, Red Lake and Roseau	383	78.6	379	79.1	306	64.2	253	53.3	273	57.2	66.5
Le Sueur and Waseca	330	69.7	274	57.6	243	51.2	184	39.3	191	40.7	51.7
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	521	70.3	470	64.0	438	59.6	394	53.6	367	48.7	59.2
Mahnomen, Norman and Polk	438	101.8	405	95.2	412	97.1	372	88.0	388	88.6	94.2
Meeker, McCleod and Sibley	564	74.4	489	64.8	382	50.8	320	42.7	283	37.8	54.1
Morrison, Todd and Wadena	529	74.8	439	62.6	407	58.0	363	51.8	302	42.1	57.8

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

	2007		2008		2009		2010		2011		2007-2011
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
State of Minnesota*	36,989	71.6	34,241	65.9	31,352	60.1	28,716	54.5	28,257	52.9	60.9
Aitkin	130	80.5	100	62.9	93	59.1	75	47.9	82	50.6	60.3
Anoka	2,344	71.7	2,106	64.6	1,900	58.1	1,749	52.7	1,558	46.8	58.7
Becker	303	94.0	259	81.0	222	69.4	235	73.3	240	73.2	78.2
Beltrami	489	113.3	492	112.8	363	82.8	351	79.1	379	83.7	94.2
Benton	339	87.6	265	67.1	217	54.4	176	43.8	175	45.3	59.5
Big Stone	27	49.0	29	53.9	14	**	23	43.8	21	40.1	42.6
Blue Earth	477	81.9	482	80.6	439	72.7	347	56.9	307	47.7	67.5
Brown	163	61.8	148	56.9	152	58.8	138	53.9	132	51.3	56.6
Carlton	222	65.1	214	63.1	208	61.3	220	64.1	219	61.8	63.1
Carver	497	56.8	458	51.8	400	44.4	392	42.6	426	46.0	48.2
Cass	315	108.5	246	85.6	242	84.2	207	72.5	227	80.0	86.3
Chippewa	102	80.2	79	63.4	49	39.5	77	62.5	72	58.4	60.9
Chisago	324	64.4	314	62.6	293	58.3	232	45.8	253	46.9	55.5
Clay	474	87.0	431	78.6	380	68.1	366	64.5	348	58.2	71.0
Clearwater	81	96.0	86	104.3	91	110.3	79	95.9	54	61.5	93.2
Cook	40	75.1	20	**	26	47.8	24	43.9	16	**	46.9
Cottonwood	75	64.3	75	66.1	73	64.7	53	47.7	58	49.6	58.5
Crow Wing	495	81.1	452	73.3	384	61.8	346	55.2	304	48.4	63.8
Dakota	2,813	72.5	2,483	63.6	2,385	60.7	2,079	52.4	2,132	53.0	60.4
Dodge	156	78.9	135	69.0	136	68.9	105	53.1	121	59.8	65.9
Douglas	271	76.4	274	76.0	236	65.1	183	50.3	184	50.9	63.6
Faribault	103	67.4	83	55.8	79	54.0	65	44.8	72	49.6	54.5
Fillmore	127	60.0	110	52.3	108	51.8	111	53.3	100	47.9	53.1
Freeborn	207	65.4	172	55.0	197	63.7	203	65.5	178	57.1	61.3
Goodhue	328	71.6	342	74.6	309	67.3	278	60.7	275	59.5	66.7
Grant	45	74.0	52	86.4	31	51.6	31	53.1	28	46.8	62.5
Hennepin	7,656	68.2	7,506	66.0	6,738	59.1	6,246	54.0	6,366	54.5	60.3
Houston	131	66.1	115	58.9	103	53.5	98	50.9	93	49.2	55.8
Hubbard	167	88.4	125	66.6	128	68.0	110	59.0	133	65.5	69.5
Isanti	264	68.4	240	61.7	197	50.4	175	44.4	192	50.2	55.0
Itasca	406	90.8	313	70.3	301	67.6	253	56.6	292	64.8	70.0
Jackson	61	54.7	53	48.7	44	41.0	66	61.2	45	44.1	50.0
Kanabec	132	81.1	110	68.4	74	46.0	96	60.4	81	50.1	61.2
Kandiyohi	290	70.6	279	68.4	270	66.4	206	50.1	242	57.4	62.5
Kittson	23	49.0	32	71.0	18	**	20	**	22	48.7	51.0
Koochiching	112	82.0	106	78.8	89	67.2	93	70.8	86	65.1	72.9
Lac Qui Parle	35	46.9	37	51.0	39	54.4	40	56.3	37	51.4	51.9
Lake	74	67.5	58	54.0	68	64.1	67	63.1	47	43.4	58.4
Lake of the Woods	33	76.3	37	90.4	32	80.3	27	69.6	25	62.4	75.9
Le Sueur	249	89.3	212	75.6	211	75.2	162	57.7	158	57.1	71.0
Lincoln	34	57.0	28	47.6	25	42.8	32	55.9	24	41.2	48.9
Lyon	173	70.2	159	64.4	156	62.8	146	58.2	131	50.6	61.1
McLeod	257	68.9	233	62.6	189	50.9	179	48.5	162	44.5	55.1
Mahnomen	86	169.6	61	118.9	71	138.5	57	113.4	64	117.3	131.3
Marshall	69	69.3	72	74.9	57	60.0	54	58.8	59	62.2	65.1
Martin	163	78.5	125	61.1	123	60.2	110	54.3	99	47.9	60.4
Meeker	156	66.7	127	54.7	99	42.8	92	39.7	86	37.0	48.2
Mille Lacs	250	95.5	214	81.2	221	83.8	216	81.9	190	73.1	83.1
Morrison	253	76.9	208	63.5	207	62.9	178	54.1	178	53.6	62.2
Mower	336	86.9	384	100.9	284	75.0	270	70.7	295	75.0	81.7
Murray	44	50.1	37	43.5	37	44.1	38	45.2	30	34.8	43.5

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

	2007		2008		2009		2010		2011		2007-2011
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
State of Minnesota*	36,989	71.6	34,241	65.9	31,352	60.1	28,716	54.5	28,257	52.9	60.9
Nicollet	224	71.5	216	68.2	196	61.2	169	52.4	146	44.5	59.4
Nobles	148	72.4	147	73.0	143	70.2	150	73.0	118	55.1	68.6
Norman	40	58.4	40	59.8	34	51.5	42	65.1	39	56.8	58.3
Olmsted	1,003	72.9	1,001	71.6	920	65.1	855	59.4	902	61.9	66.1
Otter Tail	392	67.8	340	59.6	295	51.9	308	54.4	291	50.8	57.0
Pennington	139	101.4	114	82.9	82	59.6	72	52.0	68	48.3	68.7
Pine	218	76.7	209	74.2	176	62.2	160	56.4	149	50.3	63.8
Pipestone	50	53.1	45	48.4	33	35.1	40	42.8	52	54.7	46.8
Polk	243	78.2	225	73.3	237	77.2	213	69.2	202	64.2	72.4
Pope	64	57.1	58	52.4	53	48.1	46	42.3	32	29.4	45.9
Ramsey	3,302	66.9	3,073	61.5	3,026	60.3	2,910	57.5	2,741	53.3	59.8
Red Lake	43	103.2	19	**	23	56.5	27	64.5	33	80.4	70.2
Redwood	128	81.1	99	63.8	108	69.7	106	68.5	87	54.5	67.5
Renville	126	76.2	126	78.1	111	70.0	132	84.0	104	67.1	75.1
Rice	461	74.4	394	63.6	349	55.9	306	48.8	297	46.1	57.6
Rock	40	42.0	33	34.7	28	29.5	33	34.8	40	41.6	36.6
Roseau	126	77.8	141	88.4	139	87.6	86	54.1	108	69.5	75.5
St. Louis	1,435	73.2	1,427	72.5	1,467	74.5	1,192	60.3	1,150	57.4	67.5
Scott	837	67.4	759	59.9	647	50.2	602	45.6	585	44.1	53.2
Sherburne	629	74.0	534	61.9	470	53.6	438	49.9	418	46.8	57.1
Sibley	107	70.7	94	62.6	66	44.1	55	36.9	54	35.6	50.0
Stearns	1,080	75.0	945	64.7	906	61.6	833	55.9	764	50.5	61.4
Steele	248	68.5	214	58.8	232	63.5	209	56.8	175	47.9	59.1
Stevens	49	49.9	41	42.6	44	45.5	30	31.2	45	46.5	43.2
Swift	53	51.4	82	73.3	50	45.3	48	44.3	70	72.6	57.2
Todd	199	81.6	157	65.3	134	56.0	124	52.0	113	45.5	60.1
Traverse	23	60.5	19	**	14	**	15	**	16	**	47.6
Wabasha	157	70.5	158	72.5	164	75.2	116	53.0	128	59.3	66.1
Wadena	116	86.3	87	65.0	92	69.1	82	61.8	56	40.7	64.5
Waseca	146	75.0	128	65.5	105	54.0	81	43.2	97	50.3	57.7
Washington	1,348	59.9	1,303	57.5	1,167	50.9	1,064	45.9	1,016	42.1	51.1
Watonwan	96	86.0	79	71.7	65	59.9	62	56.8	62	55.4	66.0
Wilkin	60	90.4	44	68.6	43	68.4	43	68.6	40	60.7	71.4
Winona	311	63.1	299	60.0	267	53.5	265	53.6	266	51.8	56.4
Wright	856	74.6	718	61.2	606	50.6	548	45.0	642	50.8	56.1
Yellow Medicine	91	87.2	95	93.8	52	52.2	78	79.1	53	51.4	72.8
Aitkin, Itasca and Koochiching	648	86.9	519	70.2	483	65.7	421	57.3	460	61.8	68.4
Beltrami, Clearwater, Hubbard and Lake of the Woods	770	102.9	740	99.0	614	82.0	567	75.5	591	75.4	86.8
Big Stone, Chippewa, Lac Qui Parle, Swift and Yellow Medicine	308	66.3	322	69.4	204	44.4	266	58.6	253	56.6	59.1
Brown and Nicollet	387	67.1	364	63.1	348	60.1	307	53.1	278	47.5	58.1
Carlton, Cook, Lake and St. Louis	1,771	71.9	1,719	69.7	1,769	71.7	1,503	60.6	1,432	56.9	66.1
Clay and Wilkin	534	87.4	475	77.5	423	68.2	409	64.9	388	58.4	71.0
Cottonwood and Jackson	136	59.6	128	57.6	117	53.1	119	54.3	103	47.1	54.4
Dodge and Steele	404	72.2	349	62.4	368	65.4	314	55.5	296	52.1	61.5

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

	2007		2008		2009		2010		2011		2007-2011
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
State of Minnesota*	36,989	71.6	34,241	65.9	31,352	60.1	28,716	54.5	28,257	52.9	60.9
Douglas, Grant, Pope, Stevens and Traverse	452	68.1	444	66.8	378	56.7	305	46.0	305	46.0	56.7
Faribault and Martin	266	73.8	208	58.9	202	57.6	175	50.4	171	48.6	57.9
Fillmore and Houston	258	63.0	225	55.5	211	52.6	209	52.1	193	48.5	54.4
Isanti and Mille Lacs	514	79.4	454	69.6	418	63.8	391	59.4	382	59.4	66.3
Kanabec and Pine	350	78.3	319	72.1	250	56.3	256	57.8	230	50.2	62.9
Kandiyohi and Renville	416	72.2	405	71.2	381	67.4	338	59.5	346	60.0	66.0
Kittson, Marshall, Pennington, Red Lake and Roseau	400	82.1	378	78.8	319	67.0	259	54.5	290	60.8	68.7
Le Sueur and Waseca	395	83.4	340	71.5	316	66.5	243	51.9	255	54.3	65.6
Lincoln, Lyon, Murray, Pipestone, Redwood and Rock	469	63.3	401	54.6	387	52.7	395	53.7	364	48.3	54.5
Mahnomen, Norman and Polk	369	85.8	326	76.7	342	80.6	312	73.8	305	69.7	77.3
Meeker, McCleod and Sibley	520	68.6	454	60.2	354	47.0	326	43.5	302	40.3	52.0
Morrison, Todd and Wadena	568	80.3	452	64.4	433	61.8	384	54.8	347	48.3	61.9

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	Land 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/orifice	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	Land 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/orifice	-	-	-
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:

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