

2001 Minnesota County Health Tables

2001 Minnesota County Health Data

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Section A: Demographics Tables

Demographics Table 2: Minnesota Population by Race and Ethnicity by State and County, 2000

	One Race							Ethnicity
	Total	White	Black/ African American	Amer. Indian/ Alaskan Native	Asian/ Pacific Islander	Some Other Race	Two or More Races	Hispanic/ Latino (any race)
State of Minnesota	4,919,479	4,400,282	171,731	54,967	143,947	65,810	82,742	143,382
Aitkin	15,301	14,752	35	349	33	24	108	92
Anoka	298,084	279,133	4,756	2,079	5,102	1,930	5,084	4,961
Becker	30,000	26,806	58	2,256	112	73	695	230
Beltrami	39,650	30,394	142	8,071	233	82	728	394
Benton	34,226	32,933	266	177	408	121	321	307
Big Stone	5,820	5,729	10	30	24	7	20	20
Blue Earth	55,941	53,121	666	155	1,035	386	578	988
Brown	26,911	26,325	27	31	115	244	169	545
Carlton	31,671	29,057	308	1,644	115	67	480	266
Carver	70,205	67,361	417	129	1,106	613	579	1,791
Cass	27,150	23,490	31	3,110	82	38	399	220
Chippewa	13,088	12,666	23	131	42	123	103	251
Chisago	41,101	39,953	210	187	298	126	327	473
Clay	51,229	48,149	268	740	463	857	752	1,872
Clearwater	8,423	7,518	16	723	22	20	124	65
Cook	5,168	4,623	15	392	19	13	106	39
Cottonwood	12,167	11,587	41	28	208	164	139	267
Crow Wing	55,099	53,801	170	429	159	112	428	381
Dakota	355,904	325,166	8,091	1,347	10,450	4,606	6,244	10,459
Dodge	17,731	17,125	35	31	74	336	130	530
Douglas	32,821	32,326	60	78	141	58	158	193
Faribault	16,181	15,714	39	31	65	220	112	566
Fillmore	21,122	20,894	35	22	31	36	104	113
Freeborn	32,584	31,028	79	64	184	952	277	2,049
Goodhue	44,127	42,613	280	434	263	232	305	473
Grant	6,289	6,181	13	17	12	19	47	33
Hennepin	1,116,200	898,921	99,943	11,163	54,086	23,046	29,041	45,439
Houston	19,718	19,416	61	36	76	28	101	121
Hubbard	18,376	17,698	32	391	51	40	164	124
Isanti	31,287	30,551	80	182	127	53	294	259
Itasca	43,992	41,632	71	1,497	130	71	591	263
Jackson	11,268	10,938	10	13	155	109	43	210
Kanabec	14,996	14,587	26	121	71	25	166	140
Kandiyohi	41,203	38,576	209	138	185	1,719	376	3,295
Kittson	5,285	5,184	8	14	13	20	46	67
Koochiching	14,355	13,798	27	309	34	11	176	81
Lac Qui Parle	8,067	7,974	13	18	26	5	31	21
Lake	11,058	10,836	11	77	21	16	97	63
Lake of the Woods	4,522	4,396	13	51	11	5	46	29
Le Sueur	25,426	24,551	38	66	87	513	171	997
Lincoln	6,429	6,353	3	18	13	27	15	55
Lyon	25,425	23,792	378	80	430	481	264	1,009
McLeod	34,898	33,717	76	63	217	623	202	1,268
Mahnomen	5,190	3,262	7	1,482	3	16	420	46
Marshall	10,155	9,873	10	29	17	165	61	298
Martin	21,802	21,195	55	22	96	274	160	421
Meeker	22,644	22,043	44	41	91	316	109	487
Mille Lacs	22,330	20,890	60	1,046	50	49	235	214
Morrison	31,712	31,230	66	102	91	49	174	203
Mower	38,603	36,571	215	66	574	843	334	1,646

Demographics Table 2: Minnesota Population by Race and Ethnicity by State and County, 2000

	One Race							Ethnicity
	Total	White	Black/ African American	Amer. Indian/ Alaskan Native	Asian/ Pacific Islander	Some Other Race	Two or More Races	Hispanic/ Latino (any race)
State of Minnesota	4,919,479	4,400,282	171,731	54,967	143,947	65,810	82,742	143,382
Murray	9,165	9,013	9	20	21	41	61	135
Nicollet	29,771	28,691	239	78	346	194	223	535
Nobles	20,832	18,019	223	64	845	1,384	297	2,325
Norman	7,442	7,092	8	129	23	84	106	227
Olmsted	124,277	112,255	3,330	317	5,346	1,148	1,881	2,959
Otter Tail	57,159	55,505	163	291	278	479	443	957
Pennington	13,584	13,179	28	112	86	69	110	169
Pine	26,530	25,047	341	713	88	88	253	465
Pipestone	9,895	9,566	17	146	48	26	92	69
Polk	31,369	29,543	104	408	100	806	408	1,502
Pope	11,236	11,107	23	20	10	20	56	57
Ramsey	511,035	395,406	38,900	4,221	45,159	12,536	14,813	26,979
Red Lake	4,299	4,189	8	79	3	5	15	13
Redwood	16,815	15,969	22	544	64	73	143	192
Renville	17,154	16,419	10	87	38	475	125	876
Rice	56,665	53,032	741	244	850	1,060	738	3,117
Rock	9,721	9,456	52	42	62	52	57	124
Roseau	16,338	15,671	21	232	286	13	115	71
St. Louis	200,528	190,211	1,704	4,074	1,387	451	2,701	1,597
Scott	89,498	83,813	824	693	1,973	1,114	1,081	2,381
Sherburne	64,417	62,308	550	287	386	276	610	709
Sibley	15,356	14,676	19	40	51	475	95	834
Stearns	133,166	127,832	1,110	350	2,149	632	1,093	1,827
Steele	33,680	32,061	360	35	293	555	376	1,266
Stevens	10,053	9,664	92	70	88	38	101	90
Swift	11,956	10,840	322	60	353	167	214	320
Todd	24,426	23,826	27	118	79	175	201	463
Traverse	4,134	3,986	1	116	14	2	15	50
Wabasha	21,610	21,171	54	59	94	135	97	364
Wadena	13,713	13,424	66	76	29	37	81	128
Waseca	19,526	18,482	441	116	96	252	139	566
Washington	201,130	188,317	3,689	785	4,363	1,216	2,760	3,892
Watonwan	11,876	10,515	44	25	105	1,043	144	1,804
Wilkin	7,138	6,979	11	30	12	35	71	110
Winona	49,985	47,887	384	97	947	267	403	686
Wright	89,986	88,055	235	253	404	322	717	994
Yellow Medicine	11,080	10,647	12	226	20	102	73	195

Source: U.S. Census Bureau: 2000 Census of the Population, www.census.gov

One Race:

For the race categories of White, Black/African American, American Indian/Alaskan Native, Asian Pacific Islander and Some Other Race the respondent selected ONLY that category.

Two or More Races: Represents all respondents who reported more than one race.

Ethnicity: The respondent can be of any race.

Demographics Table 3: Selected Minnesota Population Statistics by State and County, 2000

	Population 65+ years		Elderly Dependency Ratio	Total Age Dependency Ratio	Children Ages 0-19	Child Age Dependency Ratio	Females Ages 15-44
	Number	Percent					
State of Minnesota	594,266	12.1	18.2	50.7	1,434,845	32.5	1,082,642
Aitkin	3,517	23.0	38.0	65.3	3,544	27.3	2,297
Anoka	21,082	7.1	10.3	45.5	93,987	35.2	68,659
Becker	4,918	16.4	26.3	60.6	8,779	34.2	5,460
Beltrami	4,622	11.7	17.9	54.0	13,113	36.0	8,916
Benton	3,765	11.0	16.5	49.7	10,326	33.2	8,081
Big Stone	1,394	24.0	42.1	75.9	1,566	33.8	942
Blue Earth	6,782	12.1	17.2	41.6	15,756	24.5	14,104
Brown	4,720	17.5	28.0	59.9	7,715	31.8	5,316
Carlton	4,784	15.1	23.4	54.9	8,868	31.5	6,140
Carver	5,246	7.5	11.4	52.1	23,745	40.7	16,170
Cass	4,899	18.0	29.0	60.9	7,380	31.8	4,574
Chippewa	2,615	20.0	33.4	67.1	3,651	33.7	2,388
Chisago	4,047	9.8	15.1	53.7	13,356	38.5	8,896
Clay	6,597	12.9	19.4	50.3	16,029	30.9	12,593
Clearwater	1,472	17.5	28.3	61.9	2,425	33.6	1,544
Cook	887	17.2	25.8	50.6	1,151	24.7	893
Cottonwood	2,689	22.1	38.3	73.1	3,337	34.8	2,049
Crow Wing	9,410	17.1	27.2	59.2	15,281	32.0	10,507
Dakota	26,246	7.4	10.8	46.8	112,231	36.0	84,118
Dodge	2,146	12.1	19.1	57.7	5,821	38.6	3,770
Douglas	5,889	17.9	28.5	58.8	8,961	30.3	6,172
Faribault	3,599	22.2	37.8	69.8	4,380	32.1	2,732
Fillmore	4,094	19.4	32.4	67.3	6,038	34.9	3,801
Freeborn	6,156	18.9	30.5	61.5	8,680	31.0	6,046
Goodhue	6,604	15.0	23.4	56.2	12,938	32.8	8,803
Grant	1,442	22.9	39.5	72.4	1,677	32.9	1,072
Hennepin	122,358	11.0	15.9	45.0	296,905	29.1	259,883
Houston	3,159	16.0	25.9	61.4	5,840	35.5	3,826
Hubbard	3,301	18.0	28.8	60.3	4,968	31.5	3,228
Isanti	3,392	10.8	16.4	51.3	9,898	34.9	6,718
Itasca	7,387	16.8	26.2	56.2	12,043	29.9	8,099
Jackson	2,308	20.5	34.1	66.5	3,077	32.4	1,998
Kanabec	2,114	14.1	22.0	56.1	4,510	34.1	2,983
Kandiyohi	6,153	14.9	23.5	57.1	12,393	33.7	8,363
Kittson	1,141	21.6	37.5	73.8	1,431	36.3	859
Koochiching	2,577	18.0	28.6	59.6	3,786	30.9	2,601
Lac Qui Parle	1,875	23.2	40.4	73.9	2,189	33.5	1,289
Lake	2,211	20.0	32.2	61.2	2,726	28.9	1,940
Lake of the Woods	780	17.2	27.4	58.8	1,204	31.4	796
Le Sueur	3,581	14.1	22.1	56.7	7,655	34.6	4,985
Lincoln	1,572	24.5	43.1	76.4	1,649	33.3	1,034
Lyon	3,702	14.6	22.6	55.5	7,716	32.9	5,698
McLeod	4,841	13.9	21.9	57.8	10,523	35.9	7,124
Mahnomen	867	16.7	27.9	67.1	1,652	39.2	918
Marshall	1,881	18.5	30.1	62.6	2,837	32.4	1,745
Martin	4,336	19.9	32.9	65.5	5,980	32.6	3,893
Meeker	3,699	16.3	26.3	61.2	6,695	34.8	4,230
Mille Lacs	3,602	16.1	25.9	60.6	6,608	34.7	4,283
Morrison	4,954	15.6	25.3	61.8	9,812	36.6	6,089
Mower	7,547	19.6	32.5	66.1	10,814	33.7	7,220
Murray	1,947	21.2	36.0	69.4	2,478	33.4	1,528
Nicollet	3,225	10.8	15.6	44.2	9,059	28.6	7,177

Demographics Table 3: Selected Minnesota Population Statistics by State and County, 2000

	Population 65+ years		Elderly Dependency Ratio	Total Age Dependency Ratio	Children Ages 0-19	Child Age Dependency Ratio	Females Ages 15-44
	Number	Percent					
State of Minnesota	594,266	12.1	18.2	50.7	1,434,845	32.5	1,082,642
Nobles	3,624	17.4	28.5	63.6	6,102	35.1	3,910
Norman	1,558	20.9	35.8	71.2	2,080	35.3	1,286
Olmsted	13,392	10.8	16.1	49.5	36,592	33.4	28,121
Otter Tail	10,858	19.0	31.0	63.4	15,910	32.4	10,083
Pennington	2,145	15.8	24.4	54.6	3,838	30.2	2,767
Pine	3,987	15.0	23.2	54.5	7,466	31.3	4,945
Pipestone	2,112	21.3	36.6	71.6	2,815	35.0	1,819
Polk	5,463	17.4	28.1	61.3	9,270	33.2	6,032
Pope	2,417	21.5	36.4	69.0	3,083	32.7	1,965
Ramsey	59,502	11.6	17.4	49.2	147,393	31.8	120,110
Red Lake	819	19.1	31.2	63.6	1,231	32.4	790
Redwood	3,253	19.3	32.4	67.4	4,854	35.0	2,935
Renville	3,401	19.8	33.7	69.8	4,967	36.1	3,030
Rice	6,475	11.4	16.8	47.0	17,474	30.2	12,982
Rock	1,984	20.4	34.8	70.6	2,818	35.8	1,760
Roseau	2,055	12.6	20.0	58.8	5,253	38.8	3,308
St. Louis	32,274	16.1	24.4	51.5	52,679	27.1	41,312
Scott	5,544	6.2	9.2	49.3	29,874	40.0	21,444
Sherburne	4,584	7.1	10.6	49.2	21,780	38.6	15,069
Sibley	2,522	16.4	26.9	63.8	4,638	36.9	2,926
Stearns	14,661	11.0	16.1	46.6	41,105	30.5	31,920
Steele	4,488	13.3	20.8	56.3	10,316	35.5	7,037
Stevens	1,709	17.0	25.7	51.4	2,958	25.7	2,400
Swift	2,215	18.5	29.3	58.2	2,999	28.9	1,865
Todd	3,939	16.1	25.8	60.1	7,499	34.3	4,513
Traverse	1,085	26.2	48.9	86.4	1,139	37.5	646
Wabasha	3,233	15.0	23.6	57.7	6,402	34.1	4,216
Wadena	2,727	19.9	33.8	69.8	3,941	36.1	2,430
Waseca	2,766	14.2	21.9	54.3	5,534	32.4	3,733
Washington	15,267	7.6	11.2	47.3	63,893	36.1	44,913
Watonwan	2,206	18.6	31.5	69.5	3,583	38.0	2,196
Wilkin	1,146	16.1	26.0	62.2	2,160	36.2	1,401
Winona	6,539	13.1	19.1	46.0	14,546	26.9	12,236
Wright	7,915	8.8	13.5	53.1	30,293	39.7	19,982
Yellow Medicine	2,269	20.5	34.5	68.5	3,177	34.0	2,010

Source: U.S. Census Bureau: 2000 Census of Population, www.census.gov

Elderly Age Dependency Ratio: The number of persons aged 65 or over per 100 persons in the population aged 15 through 64 years.

Percent Elderly: The percent of total population comprised of persons aged 65 and over.

Total Age Dependency Ratio: The number of children under 15 years of age plus the number of persons aged 65 and over per 100 persons in the population aged 15 through 64 years.

Child Age Dependency Ratio: The number of children under 15 years of age per 100 persons in the population aged 15 through 64 years.

Demographics Table 4: Selected Minnesota Demographics by State and County, 2000

	Population	Land Area in Square Miles	Population per Square Mile	Number of Households	Percent Change in Number of Households 1999-2000
State of Minnesota	4,919,479	79,617	61.8	1,895,127	1.9
Aitkin	15,301	1,819	8.4	6,644	8.8
Anoka	298,084	424	703.0	106,428	2.8
Becker	30,000	1,311	22.9	11,844	2.9
Beltrami	39,650	2,505	15.8	14,337	3.6
Benton	34,226	408	83.9	13,065	-0.1
Big Stone	5,820	497	11.7	2,377	2.0
Blue Earth	55,941	752	74.4	21,062	2.2
Brown	26,911	611	44.0	10,598	-2.3
Carlton	31,671	860	36.8	12,064	2.3
Carver	70,205	357	196.7	24,356	3.4
Cass	27,150	2,018	13.5	10,893	7.2
Chippewa	13,088	583	22.4	5,361	-0.4
Chisago	41,101	418	98.3	14,454	-2.0
Clay	51,229	1,045	49.0	18,670	-3.3
Clearwater	8,423	995	8.5	3,330	3.7
Cook	5,168	1,451	3.6	2,350	15.3
Cottonwood	12,167	640	19.0	4,917	-4.1
Crow Wing	55,099	997	55.3	22,250	5.9
Dakota	355,904	570	624.4	131,151	3.4
Dodge	17,731	440	40.3	6,420	1.9
Douglas	32,821	634	51.8	13,276	5.3
Faribault	16,181	714	22.7	6,652	-1.3
Fillmore	21,122	861	24.5	8,228	1.4
Freeborn	32,584	708	46.0	13,356	2.2
Goodhue	44,127	759	58.1	16,983	1.3
Grant	6,289	547	11.5	2,534	1.5
Hennepin	1,116,200	557	2,003.9	456,129	1.5
Houston	19,718	558	35.3	7,633	2.5
Hubbard	18,376	923	19.9	7,435	7.1
Isanti	31,287	439	71.3	11,236	3.0
Itasca	43,992	2,665	16.5	17,789	4.8
Jackson	11,268	702	16.1	4,556	-2.0
Kanabec	14,996	525	28.6	5,759	4.7
Kandiyohi	41,203	796	51.8	15,936	-0.8
Kittson	5,285	1,097	4.8	2,167	-2.0
Koochiching	14,355	3,102	4.6	6,040	-1.2
Lac Qui Parle	8,067	765	10.5	3,316	-2.7
Lake	11,058	2,099	5.3	4,646	4.2
Lake of the Woods	4,522	1,297	3.5	1,903	4.8
Le Sueur	25,426	449	56.6	9,630	1.7
Lincoln	6,429	537	12.0	2,653	-0.2
Lyon	25,425	714	35.6	9,715	-0.2
McLeod	34,898	492	70.9	13,449	0.1
Mahnomen	5,190	556	9.3	1,969	1.6
Marshall	10,155	1,772	5.7	4,101	-0.3
Martin	21,802	709	30.8	9,067	-2.3
Meeker	22,644	609	37.2	8,590	3.6
Mille Lacs	22,330	575	38.8	8,638	6.6
Morrison	31,712	1,125	28.2	11,816	2.0
Mower	38,603	712	54.2	15,582	0.6
Murray	9,165	705	13.0	3,722	-2.8
Nicollet	29,771	452	65.9	10,642	-0.2

Demographics Table 4: Selected Minnesota Demographics by State and County, 2000

	Population	Land Area in Square Miles	Population per Square Mile	Number of Households	Percent Change in Number of Households 1999-2000
State of Minnesota	4,919,479	79,617	61.8	1,895,127	1.9
Nobles	20,832	716	29.1	7,939	0.6
Norman	7,442	876	8.5	3,010	-2.2
Olmsted	124,277	653	190.3	47,807	1.2
Otter Tail	57,159	1,980	28.9	22,671	3.7
Pennington	13,584	617	22.0	5,525	1.0
Pine	26,530	1,411	18.8	9,939	8.6
Pipestone	9,895	466	21.2	4,069	-1.3
Polk	31,369	1,971	15.9	12,070	-0.4
Pope	11,236	670	16.8	4,513	3.2
Ramsey	511,035	156	3,275.9	201,236	0.5
Red Lake	4,299	432	10.0	1,727	-0.9
Redwood	16,815	880	19.1	6,674	-0.9
Renville	17,154	983	17.5	6,779	-1.2
Rice	56,665	498	113.8	18,888	0.4
Rock	9,721	483	20.1	3,843	-0.2
Roseau	16,338	1,663	9.8	6,190	1.5
St. Louis	200,528	6,226	32.2	82,619	1.4
Scott	89,498	357	250.7	30,692	7.8
Sherburne	64,417	437	147.4	21,581	3.4
Sibley	15,356	589	26.1	5,772	1.9
Stearns	133,166	1,345	99.0	47,604	2.4
Steele	33,680	430	78.3	12,846	1.7
Stevens	10,053	562	17.9	3,751	-4.9
Swift	11,956	744	16.1	4,353	1.0
Todd	24,426	942	25.9	9,342	1.7
Traverse	4,134	574	7.2	1,717	-1.7
Wabasha	21,610	525	41.2	8,277	3.0
Wadena	13,713	536	25.6	5,426	4.0
Waseca	19,526	423	46.2	7,059	-0.1
Washington	201,130	392	513.1	71,462	2.6
Watonwan	11,876	435	27.3	4,627	0.3
Wilkin	7,138	752	9.5	2,752	-2.9
Winona	49,985	626	79.8	18,744	2.2
Wright	89,986	661	136.1	31,465	4.2
Yellow Medicine	11,080	758	14.6	4,439	-5.3

Sources: Population - U.S. Census Bureau: 2000 Census of Population, www.census.gov; Number of Households - Minnesota State Demographer's http://www.mnplan.state.mn.us/demography/demog_3b.html

Number of Households: The number of occupied houses, apartments, or other separate living quarters, in which the occupants live and eat separately from other persons in the building and to which they have direct access from outside the building or through a common hall.

Demographics Table 5a: Selected Minnesota Socioeconomic Statistics by State and County

	Total Income per Capita, 2000	Est. Median Household Income, 1999	Unemployed Annual Average, 2001		Food Stamp Utilization - Avg Monthly Households, 2001
			Number	Percent	
State of Minnesota	31,935	47,111	104,059	3.7	85,599
Aitkin	20,242	31,139	467	7.5	435
Anoka	29,948	57,754	6,274	3.3	3,662
Becker	22,889	34,797	931	6.2	893
Beltrami	21,921	33,392	1,019	4.9	2,035
Benton	24,455	41,968	946	4.4	546
Big Stone	23,590	30,721	115	4.2	130
Blue Earth	28,047	38,940	924	2.7	827
Brown	26,852	39,800	657	4.3	364
Carlton	23,125	40,021	963	5.8	678
Carver	35,496	65,540	1,231	3.0	363
Cass	21,696	34,332	809	6.2	686
Chippewa	26,714	35,582	396	5.7	159
Chisago	28,260	52,012	1,073	4.7	431
Clay	23,020	37,889	824	2.7	1,379
Clearwater	20,161	30,517	495	11.6	301
Cook	26,236	36,640	144	4.6	48
Cottonwood	24,931	31,943	213	3.9	218
Crow Wing	23,505	37,589	1,337	4.6	1,100
Dakota	35,321	61,863	6,155	2.8	2,807
Dodge	26,128	47,437	389	4.0	191
Douglas	24,992	37,703	645	3.7	482
Faribault	24,685	34,440	349	4.3	267
Fillmore	23,133	36,651	412	4.1	284
Freeborn	23,615	36,964	777	4.5	629
Goodhue	28,393	46,972	849	3.5	386
Grant	24,647	33,775	191	6.8	115
Hennepin	43,310	51,711	21,967	3.2	20,360
Houston	25,576	40,680	440	3.8	220
Hubbard	20,558	35,321	489	5.5	442
Isanti	24,870	50,127	781	4.7	395
Itasca	22,028	36,234	1,453	7.1	892
Jackson	23,656	36,746	198	3.3	120
Kanabec	19,619	38,520	582	8.2	293
Kandiyohi	27,046	39,772	807	3.7	947
Kittson	27,345	32,515	140	6.1	78
Koochiching	24,453	36,262	388	6.1	407
Lac Qui Parle	23,811	32,626	161	4.3	98
Lake	22,976	40,402	302	5.2	128
Lake of the Woods	22,338	32,861	112	4.5	56
Le Sueur	27,054	45,933	722	4.7	312
Lincoln	21,846	31,607	113	3.7	84
Lyon	27,657	38,996	560	3.7	435
McLeod	26,947	45,953	742	3.8	364
Mahnomen	20,109	30,053	160	7.4	229
Marshall	25,475	34,804	395	8.8	145
Martin	27,369	34,810	450	4.1	453
Meeker	22,855	40,908	659	6.6	327
Mille Lacs	21,199	36,977	704	7.0	458
Morrison	19,919	37,047	1,047	6.8	501
Mower	25,877	36,654	604	3.0	783
Murray	23,844	34,966	210	5.0	104
Nicollet	27,113	46,170	492	2.6	405

Demographics Table 5a: Selected Minnesota Socioeconomic Statistics by State and County

	Total Income per Capita, 2000	Est. Median Household Income, 1999	Unemployed Annual Average, 2001		Food Stamp Utilization - Avg Monthly Households, 2001
			Number	Percent	
State of Minnesota	31,935	47,111	104,059	3.7	85,599
Nobles	23,550	35,684	350	3.6	400
Norman	25,646	32,535	153	4.7	153
Olmsted	33,283	51,316	1,955	2.5	1,820
Otter Tail	22,436	35,395	1,258	4.6	910
Pennington	27,206	34,216	412	5.1	262
Pine	18,852	37,379	937	8.0	581
Pipestone	24,866	31,909	181	3.4	178
Polk	24,441	35,105	726	4.3	943
Pope	23,111	35,633	216	4.0	153
Ramsey	34,601	45,722	9,573	3.3	15,542
Red Lake	21,084	32,052	179	9.7	84
Redwood	25,207	37,352	375	4.1	212
Renville	24,502	37,652	503	6.0	292
Rice	23,671	48,651	1,089	3.7	618
Rock	25,108	38,102	112	2.4	99
Roseau	24,655	39,852	356	4.0	119
St. Louis	26,768	36,306	5,774	5.5	6,155
Scott	32,608	66,612	1,746	3.4	526
Sherburne	24,269	57,014	1,417	4.0	461
Sibley	20,456	41,458	344	5.1	155
Stearns	24,146	42,426	3,180	4.0	1,692
Steele	27,719	46,106	782	3.8	500
Stevens	26,175	37,267	159	2.8	143
Swift	21,185	34,820	243	4.4	193
Todd	18,111	32,281	591	6.1	543
Traverse	24,509	30,617	84	5.3	93
Wabasha	25,190	42,117	427	3.4	206
Wadena	20,692	30,651	424	5.7	391
Waseca	23,140	42,440	387	4.0	354
Washington	35,326	66,305	3,187	2.6	1,414
Watonwan	23,075	35,441	205	3.6	193
Wilkin	24,054	38,093	129	3.4	128
Winona	24,598	38,700	1,019	3.5	702
Wright	26,931	53,945	1,993	4.0	802
Yellow Medicine	23,183	34,393	332	6.1	135

Sources: Total Per Capita Income - US Department of Commerce, Bureau of Economic Analysis, www.bea.gov/bea/regional/reis/; Estimated Median Household Income - 2000 Census and Minnesota State Demographer's Office, www.mnplan.state.mn.us/demography/PopNotes/Income/Strong_Income_Growth.pdf. Note: Inflation factor is 1.297861; Unemployment Annual Average - Minnesota Department of Economic Security, www.mnwfc.org/lmi/laus/county.htm; Food Stamps - Minnesota Department of Human Services

Total Per Capital Income: Computed using Census Bureau midyear population estimates. Estimates for 1990-2000 reflect county population estimates available as of April 2002. Census Bureau midyear population estimates for 1990-2000 reflect

Food Stamps: A Federal program which supplements the food-purchasing ability of low-income households through the distribution of coupons which can be used to purchase food for human consumption.

Demographics Table 5b: Selected Minnesota Socioeconomic Statistics by State and County

	Total School Enrollment, 12/01/2001	Children Receiving Spec. Ed. Services, 12/01/2001		WIC Participants - Unduplicated Counts, 2001
		Number	Percent	
State of Minnesota	929,374	114,017	12.3	165,562
Aitkin	2,317	343	14.8	715
Anoka	69,547	8,208	11.8	7,917
Becker	5,060	846	16.7	2,195
Beltrami	8,605	1,288	15.0	3,309
Benton	5,552	794	14.3	1,343
Big Stone	1,109	144	13.0	366
Blue Earth	11,217	1,591	14.2	2,094
Brown	5,674	491	8.7	1,014
Carlton	6,420	788	12.3	1,464
Carver	15,149	1,535	10.1	1,526
Cass	4,899	840	17.1	1,936
Chippewa	2,410	389	16.1	795
Chisago	8,723	958	11.0	1,352
Clay	9,524	1,423	14.9	2,068
Clearwater	1,663	260	15.6	502
Cook	713	102	14.3	162
Cottonwood	2,279	342	15.0	607
Crow Wing	10,278	1,419	13.8	2,529
Dakota	78,539	10,183	13.0	7,398
Dodge	4,085	446	10.9	565
Douglas	5,842	797	13.6	1,315
Faribault	2,889	396	13.7	586
Fillmore	3,280	464	14.1	621
Freeborn	4,882	772	15.8	1,181
Goodhue	7,866	980	12.5	1,238
Grant	1,414	185	13.1	275
Hennepin	175,976	19,627	11.2	35,811
Houston	4,089	443	10.8	509
Hubbard	2,575	449	17.4	883
Isanti	5,923	533	9.0	1,283
Itasca	7,652	1,068	14.0	1,936
Jackson	1,833	232	12.7	429
Kanabec	2,713	269	9.9	744
Kandiyohi	6,588	827	12.6	2,430
Kittson	967	149	15.4	389
Koochiching	2,336	303	13.0	484
Lac Qui Parle	2,045	318	15.6	327
Lake	2,041	251	12.3	318
Lake of the Woods	725	76	10.5	175
Le Sueur	5,307	819	15.4	648
Lincoln	989	145	14.7	140
Lyon	5,234	568	10.9	1,392
McLeod	6,807	648	9.5	1,469
Mahnomen	1,496	279	18.7	484
Marshall	1,628	218	13.4	475
Martin	4,105	551	13.4	932
Meeker	6,361	815	12.8	1,178
Mille Lacs	6,874	826	12.0	1,105
Morrison	6,225	890	14.3	1,509

Demographics Table 5b: Selected Minnesota Socioeconomic Statistics by State and County

	Total School Enrollment, 12/01/2001	Children Receiving Spec. Ed. Services, 12/01/2001		WIC Participants - Unduplicated Counts, 2001
		Number	Percent	
State of Minnesota	929,374	114,017	12.3	165,562
Mower	6,437	869	13.5	1,771
Murray	1,477	171	11.6	301
Nicollet	2,604	384	14.7	1,007
Nobles	3,801	461	12.1	1,398
Norman	1,315	170	12.9	302
Olmsted	24,777	2,540	10.3	4,016
Otter Tail	9,475	1,176	12.4	2,006
Pennington	2,552	439	17.2	975
Pine	4,568	418	9.2	1,175
Pipestone	2,236	249	11.1	464
Polk	5,705	827	14.5	1,663
Pope	1,792	263	14.7	469
Ramsey	102,624	12,390	12.1	24,964
Red Lake	805	89	11.1	436
Redwood	3,549	463	13.0	737
Renville	2,601	370	14.2	894
Rice	9,800	1,472	15.0	2,100
Rock	1,678	233	13.9	273
Roseau	3,596	525	14.6	843
St. Louis	31,094	4,031	13.0	6,850
Scott	17,275	1,785	10.3	1,851
Sherburne	15,946	1,944	12.2	2,247
Sibley	2,635	273	10.4	795
Stearns	28,554	3,631	12.7	4,138
Steele	7,107	789	11.1	1,413
Stevens	1,504	236	15.7	413
Swift	1,802	286	15.9	882
Todd	5,083	674	13.3	1,233
Traverse	555	89	16.0	190
Wabasha	5,557	708	12.7	764
Wadena	3,219	488	15.2	861
Waseca	4,208	655	15.6	757
Washington	38,984	4,349	11.2	3,203
Watonwan	2,338	282	12.1	919
Wilkin	1,468	192	13.1	303
Winona	7,765	973	12.5	1,368
Wright	20,341	2,484	12.2	2,481
Yellow Medicine	2,122	351	16.5	633

Sources : School Enrollment - Minnesota Department of Children Families and Learning, Children Receiving Special Education Services - Minnesota Department of Children Families and Learning; WIC Unduplicated County Participants - Minnesota Department of Health, WIC Program

Children Receiving Special Education Services: Unduplicated counts of children age 0-20 years receiving special education services provided by the public school system.

WIC Participants - Unduplicated Counts: The total number of pregnant, post-partum and nursing women, infants and children less than 5 years of age who received WIC vouchers. County level data are determined by combining unduplicated participants of all clinics within a county's boundaries. State total does not equal the sum of the counties because participants may move counties during the year.

Demographics Table 6a: Minnesota Family Investment Program -Medical Assistance (MFIP-MA) and General Assistance Medical Care (GAMC) Average Monthly Enrollment by State and County, January December 2001

	Number Enrolled in MFIP-MA by Age Group						Females 15-49 Years Enrolled in GAMC
	Under 1 Year	1-5 Years	6-14 Years	15-19 Years	15-19 Years Females	20-49 Years Females	
State of Minnesota	7,970	34,590	50,816	18,333	10,500	33,700	7,010
Aitkin	25	112	162	61	32	122	39
Anoka	353	1,500	1,910	622	354	1,595	257
Becker	68	303	407	164	100	291	74
Beltrami	207	971	1,467	532	286	963	145
Benton	57	189	195	73	45	206	49
Big Stone	11	26	41	17	14	35	12
Blue Earth	84	324	342	123	78	308	77
Brown	25	109	119	51	33	101	24
Carlton	54	190	318	100	59	231	62
Carver	38	121	163	49	32	112	34
Cass	77	297	511	177	96	314	59
Chippewa	14	56	51	20	15	48	12
Chisago	36	177	240	94	48	190	42
Clay	117	501	648	236	130	482	96
Clearwater	32	92	157	59	34	105	14
Cook	1	8	12	5	2	9	7
Cottonwood	15	67	86	30	19	57	16
Crow Wing	86	338	432	160	108	330	86
Dakota	282	1,186	1,507	505	297	1,186	178
Dodge	16	55	70	29	15	55	13
Douglas	44	124	146	47	29	149	34
Faribault	18	66	96	34	22	69	12
Fillmore	15	53	60	23	17	62	30
Freeborn	60	227	262	108	70	219	34
Goodhue	42	143	203	64	41	148	36
Grant	9	22	38	13	7	32	6
Hennepin	2,358	10,617	16,405	6,116	3,459	10,075	2,232
Houston	15	60	86	23	13	67	18
Hubbard	33	126	177	71	47	141	34
Isanti	35	170	198	64	40	173	34
Itasca	59	249	382	144	77	262	85
Jackson	7	36	51	20	12	35	9
Kanabec	28	91	140	47	26	111	21
Kandiyohi	100	384	462	177	108	358	59
Kittson	4	24	16	5	3	19	10
Koochiching	23	91	142	57	23	114	36
Lac Qui Parle	5	27	38	12	6	27	15
Lake	7	30	54	19	16	41	14
Lake of the Woods	4	15	16	5	3	17	6
Le Sueur	27	108	156	53	31	111	27
Lincoln	5	14	22	12	7	18	3
Lyon	49	138	202	83	46	120	31
McLeod	52	156	160	55	39	140	27
Mahnomen	36	108	170	62	35	108	12
Marshall	4	34	51	25	16	32	10
Martin	42	120	139	57	34	131	40
Meeker	26	93	103	36	24	100	27
Mille Lacs	41	197	317	111	66	221	44

Demographics Table 6a: Minnesota Family Investment Program -Medical Assistance (MFIP-MA) and General Assistance Medical Care (GAMC) Average Monthly Enrollment by State and County, January December 2001

	Number Enrolled in MFIP-MA by Age Group						Females 15-49 Years Enrolled in GAMC
	Under 1 Year	1-5 Years	6-14 Years	15-19 Years	15-19 Years Females	20-49 Years Females	
State of Minnesota	7,970	34,590	50,816	18,333	10,500	33,700	7,010
Morrison	42	137	197	79	45	153	41
Mower	70	252	287	99	62	230	68
Murray	8	26	37	10	7	24	6
Nicollet	36	142	161	70	42	155	35
Nobles	46	149	177	64	35	122	34
Norman	7	44	61	21	13	44	7
Olmsted	189	716	995	437	223	682	190
Otter Tail	55	226	376	134	81	246	82
Pennington	16	59	95	36	22	71	21
Pine	55	218	332	102	65	236	42
Pipestone	12	48	44	19	11	39	12
Polk	73	316	426	151	86	333	78
Pope	8	28	48	16	7	28	19
Ramsey	1,360	6,703	11,471	4,035	2,254	6,038	824
Red Lake	3	10	18	5	2	14	10
Redwood	15	73	110	44	23	71	14
Renville	26	138	156	45	25	115	24
Rice	64	269	261	112	68	220	53
Rock	13	25	40	12	8	29	6
Roseau	12	35	51	16	8	35	8
St. Louis	394	1,694	2,170	719	416	1,812	516
Scott	46	224	323	106	54	228	47
Sherburne	48	207	276	77	45	229	29
Sibley	18	79	97	29	17	66	14
Stearns	144	566	731	247	158	551	168
Steele	50	246	306	143	84	205	33
Stevens	4	16	30	12	8	23	12
Swift	8	53	57	22	14	36	14
Todd	27	142	181	61	38	144	50
Traverse	1	20	34	9	5	22	7
Wabasha	18	57	77	37	26	55	14
Wadena	28	105	166	62	34	116	32
Waseca	39	157	175	73	48	146	24
Washington	132	632	855	258	161	684	85
Watsonwan	16	78	107	40	27	66	9
Wilkin	10	40	72	31	20	53	10
Winona	45	189	293	94	51	179	57
Wright	77	297	352	138	77	324	69
Yellow Medicine	10	31	41	21	16	37	11

Source: Minnesota Department of Human Services

MFIP-MA (Minnesota Family Investment Program - Medical Assistance): Medical Assistance eligibility is based on receipt of cash assistance from MFIP. 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 6b: Minnesota Medical Assistance and MinnesotaCare Programs, Average Monthly Enrollment by State and County, January - December 2001

	Number Enrolled in Medical Assistance					Number Enrolled in Minnesota Care				
	Under 1 Year	1-5 Years	6-14 Years	15-19 Years	20-49 Years Females	Under 1 Year	1-5 Years	6-14 Years	15-19 Years	20-49 Years Females
State of Minnesota	13,607	29,101	31,844	17,087	39,497	2,099	12,619	31,390	16,662	34,603
Aitkin	62	136	226	112	189	9	67	258	158	264
Anoka	773	1,755	1,781	762	2,119	95	595	1,468	721	1,593
Becker	126	294	355	195	344	38	158	407	267	430
Beltrami	163	426	464	272	535	35	219	512	299	625
Benton	112	261	234	121	299	18	98	201	115	265
Big Stone	25	56	64	25	63	3	26	101	83	91
Blue Earth	138	316	352	189	476	13	101	244	140	352
Brown	72	168	195	84	206	3	35	98	81	129
Carlton	99	235	292	138	292	13	98	251	133	339
Carver	110	232	254	98	252	15	106	249	103	249
Cass	102	200	314	161	294	26	151	434	277	484
Chippewa	50	128	123	61	116	7	62	142	60	127
Chisago	82	255	301	131	279	23	152	378	200	373
Clay	146	357	467	252	556	17	112	282	150	332
Clearwater	33	85	129	53	98	5	54	161	96	153
Cook	9	20	21	8	27	1	17	56	21	75
Cottonwood	52	128	167	82	122	10	47	128	58	116
Crow Wing	201	458	487	229	553	42	287	759	375	815
Dakota	637	1,280	1,275	624	1,655	83	561	1,411	594	1,501
Dodge	59	131	119	50	105	2	33	95	52	93
Douglas	108	258	242	139	297	13	130	342	211	408
Faribault	57	118	138	69	137	3	41	136	69	149
Fillmore	75	188	196	93	198	6	69	190	125	176
Freeborn	119	236	260	125	298	12	69	193	136	259
Goodhue	93	201	201	113	269	18	75	187	104	234
Grant	28	65	78	25	66	4	27	73	52	94
Hennepin	3,277	5,837	6,110	3,998	8,957	326	1,966	4,332	2,136	5,322
Houston	36	106	147	70	134	5	43	126	86	125
Hubbard	56	156	213	112	178	27	123	363	180	380
Isanti	84	177	229	138	254	18	133	293	153	290
Itasca	110	404	544	275	506	46	242	591	298	803
Jackson	34	68	63	40	85	3	32	101	45	93
Kanabec	60	141	174	70	179	10	66	201	101	211
Kandiyohi	195	442	419	215	453	24	178	430	241	409
Kittson	11	33	37	11	37	8	33	70	27	58
Koochiching	34	118	147	79	172	13	57	176	100	244
Lac Qui Parle	34	70	85	38	68	6	33	95	65	86
Lake	26	85	88	43	105	10	58	105	66	164
Lake of the Woods	9	24	24	18	30	5	33	96	44	107
Le Sueur	72	171	210	90	183	9	35	124	70	124
Lincoln	16	44	50	31	48	3	30	85	48	69
Lyon	106	243	185	99	241	8	59	165	93	176
McLeod	108	216	191	111	233	13	91	166	101	196
Mahnomen	31	82	69	31	65	5	21	52	34	52
Marshall	29	92	79	42	77	4	49	128	90	122
Martin	75	199	242	130	242	7	37	176	89	181
Meeker	69	151	167	86	191	27	104	233	132	200
Mille Lacs	62	176	204	88	236	19	119	290	166	316
Morrison	102	255	262	154	311	28	202	534	316	483

Demographics Table 6b: Minnesota Medical Assistance and MinnesotaCare Programs, Average Monthly Enrollment by State and County, January - December 2001

	Number Enrolled in Medical Assistance					Number Enrolled in Minnesota Care				
	Under 1 Year	1-5 Years	6-14 Years	15-19 Years	20-49 Years Females	Under 1 Year	1-5 Years	6-14 Years	15-19 Years	20-49 Years Females
State of Minnesota	13,607	29,101	31,844	17,087	39,497	2,099	12,619	31,390	16,662	34,603
Mower	193	387	393	175	447	12	58	212	109	251
Murray	30	77	56	35	67	7	25	72	58	98
Nicollet	76	195	172	100	206	6	37	84	42	132
Nobles	126	283	252	80	213	8	44	148	74	124
Norman	15	57	67	34	62	10	43	128	77	113
Olmsted	346	661	584	377	929	25	181	464	248	588
Otter Tail	197	442	438	195	457	37	279	726	476	692
Pennington	50	89	102	63	138	8	50	107	101	167
Pine	67	159	259	132	251	21	133	327	165	331
Pipestone	39	79	89	40	85	3	31	87	70	90
Polk	87	258	305	189	345	26	114	361	185	334
Pope	39	57	117	54	85	7	48	196	131	165
Ramsey	1,417	2,772	3,492	1,910	5,002	308	1,519	3,472	1,605	3,311
Red Lake	19	45	48	23	43	4	27	86	53	73
Redwood	61	139	129	80	143	6	57	134	87	124
Renville	65	189	172	94	162	6	40	164	90	136
Rice	206	354	330	160	358	19	83	207	139	252
Rock	25	57	79	35	71	4	22	79	47	71
Roseau	41	98	103	41	97	10	40	118	81	126
St. Louis	470	1,218	1,619	917	2,480	97	551	1,454	799	2,095
Scott	145	351	348	142	344	29	147	352	151	371
Sherburne	167	308	317	164	381	27	201	431	171	423
Sibley	54	140	120	42	108	5	29	112	72	113
Stearns	340	784	814	367	1,029	64	346	777	445	958
Steele	118	232	182	136	245	11	59	135	63	151
Stevens	29	58	44	27	91	3	24	60	35	74
Swift	61	128	145	66	114	3	43	153	93	145
Todd	93	236	278	136	251	29	162	436	256	376
Traverse	18	44	65	34	46	3	12	51	49	60
Wabasha	51	107	97	59	141	13	60	144	76	136
Wadena	45	138	185	73	182	19	121	242	143	249
Waseca	68	139	154	92	141	2	39	77	60	109
Washington	244	507	630	349	768	51	290	736	322	810
Watonwan	94	180	136	53	105	3	21	73	62	82
Wilkin	18	40	52	31	49	4	22	46	34	64
Winona	112	282	287	143	419	19	96	288	167	330
Wright	169	422	416	210	512	37	313	691	332	641
Yellow Medicine	46	106	98	50	105	10	50	150	85	123

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.

MinnesotaCare: MinnesotaCare children and pregnant women are Medicaid eligible under a waiver. MinnesotaCare coverage is provided under HMO arrangements.

Section B: Natality Tables

Nativity Table 1: Selected Minnesota Natality Statistics by State and County, 2001

(updated 04/15/03 - added death data and Natural Rate of Increase)

	Number of Births	Fertility Rate	Birth Rate	Percent Change in Births 2000-2001	Number of Deaths	Death Rate	Natural Rate of Increase
State of Minnesota	66,620	61.3	13.5	-1.2	37,502	7.6	5.9
Aitkin	144	62.7	9.4	5.9	188	12.3	-2.9
Anoka	4,324	62.9	14.5	-0.1	1,446	4.9	9.7
Becker	354	64.3	11.8	-5	306	10.2	1.6
Beltrami	574	64.4	14.5	-2	353	8.9	5.6
Benton	530	65.6	15.5	-7.8	314	9.2	6.3
Big Stone	53	56.3	9.1	8.2	77	13.2	-4.1
Blue Earth	660	46.8	11.8	-1.8	390	7.0	4.8
Brown	247	46.5	9.2	-21.8	259	9.6	-0.4
Carlton	360	58.5	11.4	-2.4	318	10.0	1.3
Carver	1,183	72.7	16.9	3.8	284	4.0	12.8
Cass	308	67.1	11.3	1.7	331	12.2	-0.8
Chippewa	118	49.4	9.0	-12.6	153	11.7	-2.7
Chisago	639	71.7	15.5	-5.3	294	7.2	8.4
Clay	430	34.1	8.4	-16.9	382	7.5	0.9
Clearwater	119	77.1	14.1	15.5	102	12.1	2.0
Cook	43	47.0	8.1	23.5	42	8.1	0.2
Cottonwood	146	70.8	12.0	-2.0	150	12.3	-0.3
Crow Wing	723	68.3	13.1	11.7	521	9.5	3.7
Dakota	5,139	60.9	14.4	-3.4	1,612	4.5	9.9
Dodge	255	67.6	14.4	3.7	135	7.6	6.8
Douglas	355	57.5	10.8	-0.6	310	9.4	1.4
Faribault	149	54.5	9.2	-6.3	212	13.1	-3.9
Fillmore	243	63.7	11.5	-3.6	258	12.2	-0.7
Freeborn	324	53.6	9.9	-19.2	370	11.4	-1.4
Goodhue	518	58.7	11.7	0.8	461	10.4	1.3
Grant	53	49.4	8.4	-14.5	81	12.9	-4.5
Hennepin	16,327	62.5	14.6	-1.3	7,964	7.1	7.5
Houston	215	55.9	10.9	-1.8	179	9.1	1.8
Hubbard	189	58.2	10.2	6.2	157	8.5	1.7
Isanti	399	59.4	12.8	5.0	226	7.2	5.5
Itasca	426	52.6	9.7	-9.2	481	10.9	-1.3
Jackson	100	50.1	8.9	-18.7	127	11.3	-2.4
Kanabec	193	64.0	12.9	27.8	133	8.9	4.0
Kandiyohi	520	62.1	12.6	-0.4	343	8.3	4.3
Kittson	47	54.7	8.9	-25.4	73	13.8	-4.9
Koochiching	142	54.6	9.9	3.6	143	10.0	-0.1
Lac Qui Parle	62	48.1	7.7	-22.5	105	13.0	-5.3
Lake	93	47.9	8.4	-10.6	132	11.9	-3.5
Lake of the Woods	36	45.2	8.0	-7.7	51	11.3	-3.3
Le Sueur	339	67.4	13.3	12.3	238	9.4	4.0
Lincoln	56	54.2	8.7	-17.6	92	14.3	-5.6
Lyon	333	58.3	13.1	-4.9	220	8.7	4.4
McLeod	525	73.6	15.0	11.9	285	8.2	6.9
Mahnomen	80	87.1	15.4	8.1	50	9.6	5.8

Nativity Table 1: Selected Minnesota Natality Statistics by State and County, 2001

(updated 04/15/03 - added death data and Natural Rate of Increase)

	Number of Births	Fertility Rate	Birth Rate	Percent Change in Births 2000-2001	Number of Deaths	Death Rate	Natural Rate of Increase
State of Minnesota	66,620	61.3	13.5	-1.2	37,502	7.6	5.9
Marshall	97	55.6	9.6	-1.0	96	9.5	0.1
Martin	251	64.5	11.5	15.1	254	11.7	-0.1
Meeker	303	71.6	13.4	7.4	230	10.2	3.2
Mille Lacs	247	57.4	11.1	-13.3	255	11.4	-0.4
Morrison	449	73.7	14.2	14.5	285	9.0	5.2
Mower	535	74.1	13.9	2.3	400	10.4	3.5
Murray	94	61.5	10.3	17.5	98	10.7	-0.4
Nicollet	379	52.5	12.7	-2.8	187	6.3	6.4
Nobles	311	79.0	14.9	15.6	175	8.4	6.5
Norman	55	42.8	7.4	-22.5	97	13.0	-5.6
Olmsted	1,871	66.4	15.0	-1.7	741	6.0	9.1
Otter Tail	564	55.7	9.9	2.9	634	11.1	-1.2
Pennington	168	60.7	12.4	1.8	138	10.2	2.2
Pine	290	58.4	10.9	-11.0	220	8.3	2.6
Pipestone	121	66.5	12.2	4.3	128	12.9	-0.7
Polk	273	45.1	8.7	-21.3	338	10.8	-2.1
Pope	114	58.0	10.1	12.9	141	12.5	-2.4
Ramsey	7,414	61.4	14.5	-2.1	3,976	7.8	6.7
Red Lake	47	59.5	10.9	-21.7	47	10.9	0.0
Redwood	181	61.7	10.8	-2.7	204	12.1	-1.4
Renville	184	60.7	10.7	-16.4	222	12.9	-2.2
Rice	721	55.0	12.7	8.6	467	8.2	4.5
Rock	111	62.5	11.4	-11.9	148	15.2	-3.8
Roseau	200	60.5	12.2	-3.8	130	8.0	4.3
St. Louis	1,930	46.5	9.6	-5.3	2,192	10.9	-1.3
Scott	1,763	82.1	19.7	4.5	406	4.5	15.2
Sherburne	1,135	75.3	17.6	5.7	359	5.6	12.0
Sibley	176	60.2	11.5	-16.6	148	9.6	1.8
Stearns	1,744	54.5	13.1	0.3	760	5.7	7.4
Steele	483	68.5	14.4	5.7	304	9.0	5.3
Stevens	95	39.6	9.4	-18.8	84	8.4	1.1
Swift	104	55.8	8.7	-19.4	122	10.2	-1.5
Todd	272	60.0	11.1	1.5	233	9.5	1.6
Traverse	30	44.9	7.3	-26.8	55	13.3	-6.0
Wabasha	269	63.6	12.4	5.5	198	9.2	3.3
Wadena	152	62.6	11.1	-5.0	197	14.4	-3.3
Waseca	246	65.4	12.5	0.0	167	8.6	4.0
Washington	2,779	61.8	13.8	-1.5	995	4.9	8.9
Watonwan	174	78.8	14.7	-1.1	128	10.8	3.9
Wilkin	68	48.5	9.5	-15.0	78	10.9	-1.4
Winona	532	43.3	10.6	-1.7	432	8.6	2.0
Wright	1,499	75.0	16.7	5.4	554	6.2	10.5
Yellow Medicine	113	56.2	10.2	-23.6	131	11.8	-1.6

Source: Minnesota Department of Health, Center for Health Statistics and the US Ce

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

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 percent change in the population due to the difference in the birth rate and death rate.

Natality Table 2: Prematurity and Low Birth Weight of Singleton Births in Minnesota by State and County, 2001

	Preterm Births		Low Birth Weight		Percent Very Low Birth Weight 1999-2001	Percent Small for Gestational Age
	Number	Percent	Number	Percent		
MN2004	---	---	---	3.5	---	---
HP2010	---	7.6	---	5.0	0.9	---
State of Minnesota	4,453	7.8	2,955	4.6	0.8	3.0
Aitkin	13	9.8	3	2.2	0.3	0.8
Anoka	288	7.6	179	4.3	0.8	2.6
Becker	16	5.1	9	2.7	0.4	2.9
Beltrami	39	8.2	30	5.4	1.0	3.1
Benton	46	9.0	31	6.1	0.4	3.1
Big Stone	3	5.9	4	7.5	1.3	5.9
Blue Earth	35	5.7	20	3.1	0.5	2.8
Brown	24	10.5	8	3.4	0.4	1.3
Carlton	31	9.6	18	5.1	0.8	3.4
Carver	63	6.3	38	3.4	0.6	2.6
Cass	18	6.5	9	2.9	1.1	2.9
Chippewa	5	4.3	6	5.1	0.3	6.1
Chisago	34	6.2	21	3.4	0.6	2.6
Clay	24	6.7	22	5.5	0.9	2.8
Clearwater	6	5.8	2	1.7	1.0	1.0
Cook	1	2.6	2	4.9	0.9	5.3
Cottonwood	13	9.5	8	5.6	0.7	4.4
Crow Wing	59	8.6	34	4.9	0.6	3.6
Dakota	340	7.6	196	4.0	0.7	2.6
Dodge	25	11.0	13	5.4	0.8	3.5
Douglas	21	6.2	14	4.2	1.1	2.4
Faribault	11	7.8	4	2.7	0.9	2.8
Fillmore	17	8.3	10	4.2	0.7	1.5
Freeborn	22	8.2	17	5.4	0.6	3.7
Goodhue	22	5.1	19	3.8	0.7	1.6
Grant	6	11.8	4	7.7	0.6	0.0
Hennepin	1,048	7.8	771	4.9	1.0	3.2
Houston	20	11.6	14	7.1	1.3	4.0
Hubbard	10	6.4	9	5.0	0.9	5.8
Isanti	21	5.8	13	3.4	1.1	2.8
Itasca	21	5.8	19	4.6	0.7	3.3
Jackson	8	9.0	1	1.0	0.9	1.1
Kanabec	9	6.3	8	4.4	1.2	2.8
Kandiyohi	31	6.3	19	3.7	0.7	1.0
Kittson	4	9.5	4	9.1	1.4	4.8
Koochiching	5	4.6	5	3.6	0.7	5.5
Lac Qui Parle	1	1.7	1	1.6	0.5	0.0
Lake	9	11.0	4	4.7	0.3	1.2
Lake of the Woods	2	7.4	0	0.0	1.8	0.0
Le Sueur	19	6.6	11	3.4	0.2	3.1
Lincoln	5	10.9	4	7.4	1.1	6.5
Lyon	23	8.5	19	6.0	0.7	3.3
McLeod	31	6.5	13	2.5	0.9	2.5
Mahnomen	4	5.3	3	3.8	0.5	4.1
Marshall	5	5.4	1	1.1	0.7	1.1
Martin	23	10.4	13	5.4	0.3	2.7
Meeker	18	6.7	16	5.6	0.4	3.7
Mille Lacs	19	8.4	13	5.4	0.8	4.0

Nativity Table 2: Prematurity and Low Birth Weight of Singleton Births in Minnesota by State and County, 2001

	Preterm Births		Low Birth Weight		Percent Very Low Birth Weight 1999-2001	Percent Small for Gestational Age
	Number	Percent	Number	Percent		
MN2004	---	---	---	3.5	---	---
HP2010	---	7.6	---	5.0	0.9	---
State of Minnesota	4,453	7.8	2,955	4.6	0.8	3.0
Morrison	43	10.2	26	6.0	1.6	2.6
Mower	38	8.0	20	3.9	1.1	3.2
Murray	8	10.7	3	3.3	0.8	4.0
Nicollet	22	6.4	19	5.2	0.5	4.0
Nobles	24	9.0	15	4.9	0.6	4.5
Norman	4	8.3	2	3.6	0.5	6.4
Olmsted	156	9.2	94	5.2	0.9	3.3
Otter Tail	32	6.1	15	2.8	0.5	1.3
Pennington	14	8.9	8	4.9	0.4	2.5
Pine	22	9.2	18	6.4	0.6	5.1
Pipestone	9	7.7	7	5.8	0.6	6.1
Polk	19	8.3	17	6.6	0.5	3.1
Pope	3	2.9	4	3.8	1.0	1.9
Ramsey	459	7.6	382	5.3	1.1	3.8
Red Lake	1	2.2	1	2.1	1.4	2.2
Redwood	10	7.1	6	3.5	0.7	2.1
Renville	8	4.8	5	2.7	1.0	1.2
Rice	63	9.9	33	4.8	0.9	2.8
Rock	10	11.4	8	7.6	0.9	5.7
Roseau	21	11.4	8	4.1	1.0	1.6
St. Louis	141	8.2	97	5.1	0.8	3.0
Scott	103	7.0	57	3.3	0.5	2.1
Sherburne	73	7.3	42	3.8	0.6	2.5
Sibley	14	9.1	5	3.0	1.2	0.7
Stearns	142	8.6	86	5.1	0.6	3.6
Steele	39	8.8	26	5.5	0.8	2.5
Stevens	6	6.5	6	6.5	0.6	4.3
Swift	14	14.9	7	7.0	0.9	4.3
Todd	17	7.0	12	4.6	0.9	3.3
Traverse	0	0.0	3	10.7	1.1	11.5
Wabasha	23	9.7	18	7.1	1.9	4.2
Wadena	3	2.1	4	2.6	0.0	3.5
Waseca	16	7.0	13	5.4	0.4	5.2
Washington	190	7.9	112	4.2	0.6	2.5
Watsonwan	17	10.4	6	3.5	0.8	4.3
Wilkin	6	9.0	1	1.5	0.4	4.5
Winona	39	8.1	19	3.7	0.9	2.9
Wright	115	8.9	63	4.3	0.6	2.9
Yellow Medicine	11	10.6	5	4.5	1.3	1.0

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

MN2004: Healthy Minnesotans: Public Health Improvement Goals (Fall, 1998)

HP2010: Healthy People 2010 Goals (U.S. Public Health Service)

Preterm Births: Live births of babies who are less than 37 weeks gestation at birth.

Low Birth Weight Births: Live births who are less than 2500 grams at birth.

Very Low Birth Weight Births: Live births who are born weighing less than 1500 grams.

Nativity Table 3: Minnesota Infant Mortality by State and County, 1997 - 2001

(added 04/16/03)

	<u>Number of Infant Deaths - 2001</u>	<u>Infant Mortality Rate 1997-2001</u>	<u>Neonatal Mortality Rate 1997- 2001</u>	<u>Post-neonatal Mortality Rate 1997-2001</u>	<u>Fetal Death Rate 1997- 2001</u>	<u>Perinatal Death Rate 1997-2001</u>	<u>Infant Mortality Rate 1992- 1996</u>
MN2004	---	5.0	---	---	---	---	
HP2010	---	4.5	2.9	1.2	4.1	---	
State of Minnesota	357	5.8	3.8	2.0	5.6	6.1	6.9
Aitkin	0	*	*	*	*	*	*
Anoka	21	5.3	3.5	1.8	5.8	5.8	6.5
Becker	3	*	*	*	*	*	*
Beltrami	4	8.4	*	*	*	7.7	12.5
Benton	4	*	*	*	*	*	*
Big Stone	1	*	*	*	*	*	*
Blue Earth	3	*	*	*	8.6	6.5	9.0
Brown	1	*	*	*	*	*	*
Carlton	3	*	*	*	*	*	*
Carver	6	4.7	*	*	3.8	4.4	4.9
Cass	2	*	*	*	*	*	*
Chippewa	1	*	*	*	*	*	*
Chisago	0	*	*	*	*	*	*
Clay	3	10.2	*	*	*	*	7.2
Clearwater	2	*	*	*	*	*	*
Cook	1	*	*	*	*	*	*
Cottonwood	1	*	*	*	*	*	*
Crow Wing	3	*	*	*	10.3	9.4	9.2
Dakota	24	4.4	3.1	1.3	5.6	5.6	4.9
Dodge	3	*	*	*	*	*	*
Douglas	1	*	*	*	*	*	*
Faribault	0	*	*	*	*	*	*
Fillmore	1	*	*	*	*	*	*
Freeborn	3	*	*	*	*	*	*
Goodhue	2	*	*	*	*	*	9.8
Grant	0	0.0	0.0	0.0	*	*	*
Hennepin	93	6.2	4.3	2.0	6.4	6.3	8.2
Houston	1	*	*	0.0	*	*	*
Hubbard	0	*	0.0	*	*	*	*
Isanti	0	*	*	*	*	*	*
Itasca	1	*	*	*	*	*	*
Jackson	0	*	*	*	*	*	*
Kanabec	1	*	*	*	*	*	*
Kandiyohi	2	*	*	*	*	*	9.8
Kittson	1	*	*	*	*	*	*
Koochiching	2	*	*	*	*	*	*
Lac Qui Parle	0	0.0	0.0	0.0	*	*	*
Lake	3	*	*	*	*	*	*
Lake of the Woods	0	*	*	0.0	*	*	0.0
Le Sueur	0	*	*	*	*	*	*
Lincoln	1	*	0.0	*	*	*	*
Lyon	2	*	*	*	*	*	*
McLeod	2	*	*	*	*	8.3	*
Mahnomen	0	*	*	0.0	*	*	*
Marshall	0	*	*	0.0	*	*	*
Martin	0	*	*	*	*	*	*
Meeker	1	*	*	*	*	*	*
Mille Lacs	1	*	*	*	*	*	*

Nativity Table 3: Minnesota Infant Mortality by State and County, 1997 - 2001

(added 04/16/03)

	<u>Number of Infant Deaths - 2001</u>	<u>Infant Mortality Rate 1997-2001</u>	<u>Neonatal Mortality Rate 1997- 2001</u>	<u>Post-neonatal Mortality Rate 1997-2001</u>	<u>Fetal Death Rate 1997- 2001</u>	<u>Perinatal Death Rate 1997-2001</u>	<u>Infant Mortality Rate 1992- 1996</u>
MN2004	---	5.0	---	---	---	---	
HP2010	---	4.5	2.9	1.2	4.1	---	
State of Minnesota	357	5.8	3.8	2.0	5.6	6.1	6.9
Morrison	5	*	*	*	*	*	*
Mower	2	*	*	*	*	*	*
Murray	0	*	*	0.0	*	*	*
Nicollet	0	*	*	*	*	*	*
Nobles	0	*	*	*	*	*	*
Norman	0	*	*	0.0	*	*	*
Olmsted	9	5.4	3.8	*	6.5	6.4	6.3
Otter Tail	1	*	*	*	*	*	7.0
Pennington	3	*	*	*	*	*	*
Pine	3	*	*	*	*	*	*
Pipestone	1	*	*	*	*	*	*
Polk	2	*	*	*	*	*	*
Pope	2	*	*	*	*	*	*
Ramsey	48	7.8	5.2	2.6	5.8	7.3	7.5
Red Lake	0	*	0.0	*	*	*	*
Redwood	0	*	*	*	*	*	*
Renville	0	*	0.0	*	*	*	*
Rice	8	5.9	*	*	*	5.8	*
Rock	1	*	*	*	*	*	*
Roseau	1	*	*	*	*	*	*
St. Louis	12	6.3	4.0	2.3	5.1	6.6	7.1
Scott	5	2.7	*	*	4.8	3.3	5.9
Sherburne	2	4.0	*	*	4.8	4.2	6.5
Sibley	1	*	*	*	*	*	*
Stearns	9	5.3	3.8	*	4.0	6.0	6.0
Steele	5	*	*	*	*	9.5	*
Stevens	0	*	*	0.0	*	*	*
Swift	0	*	*	*	*	*	*
Todd	0	*	*	*	*	*	*
Traverse	0	*	0.0	*	*	*	0.0
Wabasha	3	*	*	*	*	*	*
Wadena	0	*	*	*	*	*	*
Waseca	0	*	*	*	*	*	*
Washington	20	4.7	3.4	*	4.8	5.6	5.1
Watsonwan	1	*	*	*	*	*	*
Wilkin	0	*	*	*	*	*	*
Winona	4	7.2	*	*	*	*	*
Wright	5	4.3	3.0	*	5.1	5.3	5.2
Yellow Medicine	0	*	0.0	*	*	*	*

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

MN2004: Healthy Minnesotans: Public Health Improvement Goals (Fall, 1998)

HP2010: Healthy People 2010 Goals (U.S. Public Health Service)

*Rate not calculated for less than 20 events

Nativity Table 3: Definitions

Infant Mortality Rate: Number of infant deaths under one year of age per 1,000 live births.

Neonatal Death Rate: Number of infants dying under 28 days of age per 1,000 live births.

Postneonatal Mortality Rate: The number of infant deaths aged 28 days to one year per 1,000 live births.

Fetal Mortality Rate: The number of fetal deaths (deaths prior to the complete expulsion or extraction of a product of conception from its mother, irrespective of the duration of pregnancy, only fetal deaths of 20 weeks or more are reported) per 1,000 live births plus fetal deaths.

Perinatal Mortality Rate: The number of fetal deaths of 20 weeks or greater plus the number of deaths to infants 0-6 days per 1000 live births plus fetal deaths of 20 weeks or greater.

Nativity Table 4: Prenatal Care in Minnesota by State and County, 2001

	Percent of Prenatal Care Received in 1st Trimester	Percent Adequacy of Prenatal Care, GINDEX		
		Adequate or Better	Intermediate	Inadequate or None
MN2004	90.0	---	---	---
HP2010	90.0	---	---	---
State of Minnesota	84.6	76.7	19.2	4.1
Aitkin	81.0	75.0	18.9	6.1
Anoka	85.0	73.5	22.7	3.8
Becker	82.1	78.9	16.9	4.2
Beltrami	70.9	59.2	32.6	8.2
Benton	90.4	89.6	9.1	1.4
Big Stone	78.8	70.0	24.0	6.0
Blue Earth	89.6	83.3	14.1	2.6
Brown	83.3	80.4	16.1	3.5
Carlton	90.5	84.4	12.5	3.1
Carver	93.0	86.4	11.9	1.7
Cass	75.2	69.0	22.3	8.8
Chippewa	79.7	67.5	27.2	5.3
Chisago	91.3	81.9	16.4	1.7
Clay	89.3	79.6	16.8	3.6
Clearwater	72.0	67.3	24.0	8.7
Cook	73.8	63.2	34.2	2.6
Cottonwood	88.2	85.3	14.0	0.7
Crow Wing	86.7	79.6	18.1	2.3
Dakota	87.3	76.8	20.4	2.9
Dodge	87.6	82.1	15.6	2.2
Douglas	90.7	86.9	11.3	1.8
Faribault	85.6	83.0	12.8	4.3
Fillmore	83.3	75.6	15.9	8.5
Freeborn	84.5	77.7	20.4	1.9
Goodhue	84.6	82.9	14.2	2.8
Grant	86.5	84.3	11.8	3.9
Hennepin	81.7	73.3	20.9	5.8
Houston	90.7	85.0	14.5	0.6
Hubbard	79.3	67.9	27.6	4.5
Isanti	82.1	75.4	20.3	4.2
Itasca	90.0	88.1	9.6	2.3
Jackson	89.0	92.1	6.7	1.1
Kanabec	81.1	73.9	18.8	7.2
Kandiyohi	84.7	78.3	17.6	4.1
Kittson	71.1	63.4	36.6	0.0
Koochiching	87.9	78.9	17.4	3.7
Lac Qui Parle	81.7	79.7	18.6	1.7
Lake	79.6	72.0	20.7	7.3
Lake of the Woods	83.3	70.4	25.9	3.7
Le Sueur	81.2	75.4	19.6	4.9
Lincoln	75.0	67.4	28.3	4.3
Lyon	77.1	52.6	41.7	5.6
McLeod	87.9	81.6	15.7	2.7
Mahnomen	72.2	67.6	23.0	9.5
Marshall	88.7	82.6	15.2	2.2
Martin	88.0	81.3	16.0	2.7
Meeker	79.5	68.0	26.8	5.2
Mille Lacs	83.5	74.0	23.3	2.7
Morrison	90.1	86.5	11.5	1.9
Mower	75.0	68.2	26.7	5.1
Murray	81.5	62.2	36.5	1.4

Nativity Table 4: Prenatal Care in Minnesota by State and County, 2001

	Percent of Prenatal Care Received in 1st Trimester	Percent Adequacy of Prenatal Care, GINDEX		
		Adequate or Better	Intermediate	Inadequate or None
MN2004	90.0	---	---	---
HP2010	90.0	---	---	---
State of Minnesota	84.6	76.7	19.2	4.1
Nicollet	88.8	84.6	13.4	2.0
Nobles	73.3	78.1	16.2	5.7
Norman	83.6	70.2	21.3	8.5
Olmsted	88.2	77.4	18.0	4.6
Otter Tail	82.9	76.6	20.3	3.1
Pennington	85.0	74.7	21.4	3.9
Pine	83.5	74.5	20.4	5.1
Pipestone	61.7	67.8	24.3	7.8
Polk	85.5	69.0	24.8	6.2
Pope	93.0	84.8	15.2	0.0
Ramsey	79.3	72.8	21.9	5.4
Red Lake	89.4	62.2	37.8	0.0
Redwood	87.2	78.0	19.1	2.8
Renville	80.1	77.2	19.2	3.6
Rice	80.7	74.0	21.9	4.2
Rock	81.6	83.9	12.6	3.4
Roseau	87.9	72.0	23.7	4.3
St. Louis	88.4	78.5	18.0	3.5
Scott	88.1	74.6	21.8	3.5
Sherburne	91.8	84.8	13.0	2.1
Sibley	85.5	74.2	21.9	4.0
Stearns	89.1	85.6	11.5	2.9
Steele	82.0	78.5	17.9	3.6
Stevens	89.4	75.8	23.1	1.1
Swift	87.5	80.9	17.0	2.1
Todd	70.6	63.4	27.6	8.9
Traverse	83.3	73.1	23.1	3.8
Wabasha	88.1	84.3	11.5	4.3
Wadena	82.4	61.9	33.8	4.3
Waseca	82.0	77.7	18.8	3.5
Washington	92.8	86.9	11.7	1.5
Watsonwan	78.7	76.1	17.8	6.1
Wilkin	92.6	83.6	13.4	3.0
Winona	90.1	84.4	13.3	2.3
Wright	92.2	82.8	14.3	2.9
Yellow Medicine	87.3	72.8	24.3	2.9

Source: Minnesota Department of Health, Center for Health Statistics

MN2004: Healthy Minnesotans: Public Health Improvement Goals (Fall, 1998)

HP2010: Healthy People 2010 Goals (U.S. Public Health Service)

GINDEX: A prenatal care index determined by combining measures of the month or trimester prenatal care began, the number of prenatal visits, and the gestational age of the infant/fetus at the time of birth. The GINDEX includes gestational age over 36 weeks, and number of prenatal visits greater than nine to impute adequacy of prenatal care.

Adequate or Better: Prenatal care started in the 1st trimester *and* the woman had an adequate number of visits.

Intermediate: Prenatal care started in the 1st or 2nd trimester *and* the woman had an intermediate range of visits.

Inadequate or None: No prenatal care or the prenatal care started in the 3rd trimester *or* the woman had an inadequate range of visits, regardless of when prenatal care began.

Nativity Table 5: Obstetric Procedures in Minnesota by State and County, 2001

	Cesarean Births - Percent	First Time Cesarean Births - Percent	Repeat Cesarean - Percent	Electric Fetal Monitoring - Percent	Ultrasound - Percent
HP2010	---	---	63.0	---	---
State of Minnesota	20.7	12.9	79.5	75.2	51.8
Aitkin	25.7	17.4	92.3	59.0	51.4
Anoka	19.0	11.9	81.0	56.3	42.7
Becker	25.7	12.7	85.2	84.5	59.3
Beltrami	27.9	15.3	90.0	92.7	76.8
Benton	19.6	12.1	85.1	93.4	94.2
Big Stone	34.0	20.8	77.8	54.7	50.9
Blue Earth	21.7	10.8	87.8	89.4	51.7
Brown	22.7	13.0	88.9	85.4	60.7
Carlton	24.7	12.5	83.0	85.0	48.9
Carver	21.6	13.6	81.9	72.7	51.6
Cass	25.6	14.3	79.5	80.2	68.8
Chippewa	24.6	15.3	78.6	89.8	50.0
Chisago	20.5	12.5	77.3	70.7	44.0
Clay	24.5	15.6	73.1	78.6	18.2
Clearwater	17.6	11.8	77.8	89.1	74.8
Cook	23.8	14.3	100.0	59.5	35.7
Cottonwood	24.0	9.6	75.0	90.4	66.4
Crow Wing	20.6	10.4	75.5	82.8	81.5
Dakota	20.0	12.7	79.3	80.9	40.2
Dodge	21.6	15.7	75.0	96.1	83.5
Douglas	20.8	13.8	75.8	91.0	90.7
Faribault	21.5	14.1	84.6	73.2	77.9
Fillmore	18.1	12.3	77.8	75.3	56.8
Freeborn	21.6	14.2	82.8	82.1	96.3
Goodhue	25.3	14.9	85.7	84.2	44.4
Grant	30.2	18.9	100.0	71.7	49.1
Hennepin	18.8	12.8	75.6	72.6	45.2
Houston	14.0	9.8	81.8	69.6	83.6
Hubbard	33.5	19.1	100.0	39.4	31.9
Isanti	20.3	13.3	84.8	68.2	67.7
Itasca	18.5	9.4	86.7	58.9	76.3
Jackson	26.0	13.0	81.3	88.0	78.0
Kanabec	31.6	19.7	92.0	65.8	69.9
Kandiyohi	19.2	8.3	81.4	87.5	74.8
Kittson	27.7	12.8	100.0	57.4	76.6
Koochiching	37.3	21.8	84.6	55.6	75.4
Lac Qui Parle	24.2	12.9	87.5	46.8	50.0
Lake	26.9	12.9	86.7	88.2	44.1
Lake of the Woods	33.3	16.7	75.0	66.7	80.6
Le Sueur	22.1	12.1	89.5	83.2	53.4
Lincoln	28.6	16.1	100.0	73.2	50.0
Lyon	26.1	14.1	76.9	73.9	56.2
McLeod	26.3	14.9	83.3	73.0	51.2
Mahnomen	27.5	17.5	72.7	86.3	58.8
Marshall	26.8	13.4	86.7	89.7	85.6
Martin	30.3	15.9	92.3	87.3	92.4
Meeker	27.1	13.5	75.9	89.4	62.4
Mille Lacs	29.1	12.1	97.7	66.8	54.3
Morrison	20.0	9.1	81.7	82.9	63.3
Mower	31.0	19.8	83.3	89.0	74.6
Murray	29.8	11.7	89.5	83.0	61.7

Natality Table 5: Obstetric Procedures in Minnesota by State and County, 2001

	Cesarean Births - Percent	First Time Cesarean Births - Percent	Repeat Cesarean - Percent	Electric Fetal Monitoring - Percent	Ultrasound - Percent
HP2010	---	---	63.0	---	---
State of Minnesota	20.7	12.9	79.5	75.2	51.8
Nicollet	21.6	16.4	76.9	93.7	56.5
Nobles	27.3	17.7	93.8	83.3	61.7
Norman	21.8	10.9	66.7	74.5	23.6
Olmsted	21.8	15.4	73.6	94.4	74.4
Otter Tail	23.0	14.9	78.0	65.6	29.6
Pennington	26.8	14.3	80.8	92.3	92.9
Pine	22.4	13.1	81.8	73.8	49.0
Pipestone	28.9	15.7	69.6	85.1	77.7
Polk	33.0	19.0	84.4	89.4	77.7
Pope	27.2	14.9	93.3	78.9	87.7
Ramsey	17.0	12.0	65.8	69.1	43.1
Red Lake	46.8	23.4	100.0	87.2	89.4
Redwood	27.6	14.9	88.5	85.1	60.8
Renville	24.5	12.5	81.5	87.5	51.1
Rice	26.4	13.6	93.9	81.8	57.2
Rock	16.2	9.0	72.7	78.4	56.8
Roseau	24.0	12.5	82.1	84.0	94.0
St. Louis	24.4	14.1	86.1	90.4	47.5
Scott	16.7	10.9	79.8	69.5	40.6
Sherburne	23.3	14.4	91.0	61.6	46.6
Sibley	25.0	12.5	75.9	69.3	48.3
Stearns	21.2	11.9	81.8	88.3	88.9
Steele	26.4	16.7	87.0	91.9	77.5
Stevens	32.6	18.9	86.7	80.0	52.6
Swift	25.0	12.5	92.9	86.5	71.2
Todd	22.4	10.7	74.4	66.5	74.3
Traverse	26.7	20.0	100.0	76.7	76.7
Wabasha	22.7	14.1	71.9	89.2	76.2
Wadena	19.1	9.9	73.7	80.3	60.5
Waseca	25.7	11.4	89.7	90.2	70.6
Washington	19.2	12.1	75.7	73.6	48.2
Watonwan	23.6	11.5	77.8	81.0	60.9
Wilkin	27.9	8.8	92.9	61.8	57.4
Winona	14.5	9.6	78.8	83.6	65.2
Wright	20.2	12.6	92.7	58.1	30.7
Yellow Medicine	22.1	14.2	75.0	81.4	38.9

Source: Minnesota Department of Health, Center for Health Statistics

HP2010: Healthy People 2010 Goals (U.S. Public Health Service)

Electronic Fetal Monitoring: The percentage of live births where the health provider indicated on the birth certificate that electronic fetal monitoring was performed during labor and delivery.

Ultrasound: The percentage of live births where the health provider indicated on the birth certificate that ultrasound was performed during labor and delivery.

Nativity Table 6: Fertility and Family Planning in Minnesota by State and County, 2001

	Pregnancies		Abortions			Percent of Women with Four or More Births	Percent of Women with Live Births within One Year
	Number	Rate	Number	Rate	Ratio		
State of Minnesota	80,409	74.0	13,447	12.3	0.2	4.8	3.6
Aitkin	163	71.0	19	*	0.1	5.6	4.7
Anoka	5,168	75.1	832	12.0	0.2	3.7	3.1
Becker	360	65.4	6	*	0.0	6.5	6.7
Beltrami	621	69.7	42	4.7	0.1	8.4	4.3
Benton	598	74.0	62	7.7	0.1	2.6	3.2
Big Stone	54	57.3	**	*	**	7.5	0.0
Blue Earth	784	55.6	123	8.7	0.2	4.1	2.1
Brown	267	50.2	17	*	0.1	5.3	3.9
Carlton	423	68.7	62	10.1	0.2	5.8	3.0
Carver	1,320	81.1	128	7.9	0.1	2.2	4.5
Cass	335	73.0	27	5.9	0.1	6.2	1.5
Chippewa	129	54.0	10	*	0.1	3.4	0.0
Chisago	750	84.2	108	12.1	0.2	4.1	3.4
Clay	438	34.7	9	*	0.0	5.4	5.9
Clearwater	121	78.4	**	*	**	6.0	1.4
Cook	51	57.1	9	*	0.2	4.9	0.0
Cottonwood	150	72.7	**	*	**	10.3	3.0
Crow Wing	827	78.2	98	9.3	0.1	6.5	2.6
Dakota	6,198	73.5	1,034	12.3	0.2	2.7	3.9
Dodge	277	73.2	22	5.6	0.1	5.1	7.0
Douglas	378	61.2	21	3.4	0.1	3.1	4.1
Faribault	169	61.9	18	*	0.1	3.4	1.2
Fillmore	261	68.4	17	*	0.1	8.9	2.0
Freeborn	376	62.2	51	8.4	0.2	3.4	3.6
Goodhue	588	66.3	69	7.5	0.1	4.1	3.5
Grant	55	51.3	**	*	**	1.9	0.0
Hennepin	21,790	83.4	5,372	20.5	0.3	5.0	4.2
Houston	229	59.9	15	*	0.1	2.8	5.8
Hubbard	198	61.3	7	*	0.0	3.2	5.1
Isanti	461	68.5	61	8.9	0.2	6.9	1.6
Itasca	472	58.2	45	5.4	0.1	5.2	3.4
Jackson	104	52.1	**	*	**	3.0	1.5
Kanabec	207	68.7	14	*	0.1	4.7	4.8
Kandiyohi	592	70.7	69	8.3	0.1	4.0	2.9
Kittson	47	54.7	**	*	**	6.5	6.3
Koochiching	158	60.7	13	*	0.1	5.0	1.0
Lac Qui Parle	65	50.4	**	*	**	8.2	0.0
Lake	110	56.7	15	*	0.2	3.2	6.3
Lake of the Woods	44	55.3	7	*	0.2	2.8	8.3
Le Sueur	374	74.4	33	6.6	0.1	7.1	3.9
Lincoln	57	55.1	**	*	**	1.8	6.5
Lyon	348	60.9	14	*	0.0	4.2	3.7
McLeod	566	79.0	38	5.1	0.1	4.4	2.2
Mahnomen	82	89.3	**	*	**	7.5	0.0
Marshall	100	57.3	**	*	**	1.0	3.1
Martin	263	67.6	11	*	0.0	4.0	4.0
Meeker	319	75.4	14	*	0.0	5.3	4.3
Mille Lacs	287	66.8	39	9.1	0.2	5.7	3.7
Morrison	479	78.7	29	4.8	0.1	6.7	3.1
Mower	602	83.2	63	8.6	0.1	5.6	4.0
Murray	94	61.5	**	*	**	2.2	1.6

Natality Table 6: Fertility and Family Planning in Minnesota by State and County, 2001

	Pregnancies		Abortions			Percent of Women with Four or More Births	Percent of Women with Live Births within One Year
	Number	Rate	Number	Rate	Ratio		
State of Minnesota	80,409	74.0	13,447	12.3	0.2	4.8	3.6
Nicollet	423	58.7	43	6.0	0.1	3.7	2.2
Nobles	318	80.8	**	*	**	7.1	1.5
Norman	55	42.8	**	*	**	3.7	0.0
Olmsted	2,147	76.0	268	9.4	0.1	4.5	4.1
Otter Tail	573	56.6	**	*	**	4.8	3.7
Pennington	173	62.5	**	*	**	3.0	1.9
Pine	334	67.3	42	8.5	0.1	4.9	2.3
Pipestone	125	68.7	**	*	**	2.5	2.6
Polk	282	46.6	9	*	0.0	2.6	6.4
Pope	122	62.1	8	*	0.1	3.5	7.4
Ramsey	9,870	81.7	2,405	19.9	0.3	7.4	4.3
Red Lake	48	60.8	**	*	**	2.1	0.0
Redwood	195	66.4	13	*	0.1	3.9	3.4
Renville	194	64.0	8	*	0.0	10.3	0.8
Rice	809	61.9	81	6.2	0.1	5.4	3.4
Rock	112	63.1	**	*	**	1.8	3.1
Roseau	205	62.0	**	*	**	4.5	0.8
St. Louis	2,349	56.6	408	9.8	0.2	4.0	2.9
Scott	1,978	92.1	211	9.8	0.1	2.9	2.5
Sherburne	1,264	83.9	127	8.4	0.1	3.7	3.1
Sibley	189	64.6	11	*	0.1	5.2	3.5
Stearns	1,980	61.9	226	7.0	0.1	4.4	4.0
Steele	545	77.2	57	8.1	0.1	3.9	3.0
Stevens	100	41.7	**	*	**	3.2	3.5
Swift	117	62.7	13	*	0.1	6.7	3.1
Todd	280	61.8	7	*	0.0	9.3	1.6
Traverse	30	44.9	**	*	**	0.0	5.0
Wabasha	298	70.4	29	6.9	0.1	6.3	5.6
Wadena	157	64.6	**	*	**	7.9	1.0
Waseca	284	75.8	38	10.2	0.2	4.9	2.0
Washington	3,259	72.4	465	10.3	0.2	2.9	3.2
Watonwan	184	82.9	10	*	0.1	5.8	3.9
Wilkin	69	49.3	**	*	**	1.5	0.0
Winona	595	48.5	60	4.9	0.1	3.1	3.1
Wright	1,670	83.5	167	8.3	0.1	6.1	2.8
Yellow Medicine	116	57.7	**	*	**	4.4	0.0

Source: Minnesota Department of Health, Center for Health Statistics

*Rate not calculated for less than 20 events

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

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.

Abortion Ratio: Number of abortions/Number of births

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 and County, 1999-2001

	Teen Birth Rates			Teen Pregnancy Rates		
	15-17 Years	18-19 Years	15-19 Years	15-17 Years	18-19 Years	15-19 Years
MN2004	---	---	---	26.9	76.7	---
HP2010	---	---	---	43.0	---	---
State of Minnesota	15.2	49.8	28.9	21.8	70.3	41.1
Aitkin	*	69.3	35.1	*	86.6	42.2
Anoka	12.1	52.9	26.2	20.8	79.9	41.2
Becker	21.7	75.6	37.9	23.3	76.6	39.3
Beltrami	25.3	70.6	46.8	27.3	76.1	50.4
Benton	20.4	75.2	43.3	21.3	90.9	50.4
Big Stone	*	*	*	*	*	30.6
Blue Earth	11.1	17.3	15.0	14.6	27.0	22.6
Brown	13.2	39.9	23.5	17.4	43.6	27.5
Carlton	11.8	75.4	31.8	17.5	88.7	39.9
Carver	5.9	38.7	16.6	8.8	61.4	26.0
Cass	24.3	112.3	51.0	26.3	127.3	57.0
Chippewa	*	68.1	25.4	*	86.9	35.1
Chisago	10.8	59.9	26.4	17.6	80.4	37.5
Clay	12.4	16.1	14.7	12.4	16.8	15.2
Clearwater	*	101.6	48.6	*	104.8	49.6
Cook	*	*	*	*	*	*
Cottonwood	*	72.7	30.7	*	75.2	32.2
Crow Wing	17.1	73.1	38.9	22.7	91.2	49.3
Dakota	9.7	42.9	20.7	15.5	69.0	33.3
Dodge	*	59.3	27.2	16.8	74.1	34.6
Douglas	9.2	53.1	26.1	12.7	65.7	33.1
Faribault	*	53.1	26.2	*	68.0	33.5
Fillmore	*	39.9	18.8	15.1	47.0	24.9
Freeborn	20.9	77.5	39.8	27.2	98.3	51.0
Goodhue	6.1	57.9	23.2	9.9	75.9	31.6
Grant	*	*	*	*	*	*
Hennepin	20.7	54.5	34.4	32.2	90.7	55.9
Houston	*	*	9.8	*	37.2	13.5
Hubbard	22.8	69.5	38.0	24.4	77.4	41.6
Isanti	11.1	60.3	27.5	18.3	80.1	38.9
Itasca	13.4	63.3	30.1	16.9	74.8	36.3
Jackson	*	*	19.5	*	*	21.8
Kanabec	17.7	79.9	37.4	20.9	88.5	42.4
Kandiyohi	20.9	56.6	35.6	25.2	73.4	45.0
Kittson	*	*	*	*	*	*
Koochiching	*	63.0	29.5	*	77.2	35.9
Lac Qui Parle	*	*	*	*	*	*
Lake	*	70.6	31.7	*	81.9	41.3
Lake of the Woods	*	*	40.4	*	*	44.4
Le Sueur	14.0	63.0	29.8	18.1	76.0	36.8
Lincoln	*	*	*	*	*	*
Lyon	10.9	44.8	26.9	11.9	48.3	29.1
McLeod	13.4	81.0	34.5	16.8	92.8	40.5
Mahnomen	*	106.1	67.0	50.1	111.1	70.4
Marshall	*	61.9	21.1	*	61.9	21.1
Martin	*	77.8	32.3	12.9	89.5	38.3
Meeker	13.7	73.9	32.5	18.8	87.7	40.3
Mille Lacs	12.8	88.8	38.2	16.5	97.3	43.4
Morrison	13.8	78.8	35.3	16.2	92.0	41.3
Mower	21.1	73.1	40.4	26.1	80.9	46.5
Murray	*	*	25.3	*	*	26.3

Nativity Table 7: Minnesota Teen Birth and Pregnancy Rates by State and County, 1999-2001

	Teen Birth Rates			Teen Pregnancy Rates		
	15-17 Years	18-19 Years	15-19 Years	15-17 Years	18-19 Years	15-19 Years
MN2004	---	---	---	26.9	76.7	---
HP2010	---	---	---	43.0	---	---
State of Minnesota	15.2	49.8	28.9	21.8	70.3	41.1
Nicollet	10.1	20.2	15.7	14.3	23.6	19.4
Nobles	20.9	81.1	41.0	22.8	83.7	43.1
Norman	*	*	*	*	*	*
Olmsted	10.2	49.9	24.0	16.1	70.5	35.1
Otter Tail	9.7	58.1	26.4	10.4	60.3	27.7
Pennington	*	49.5	26.3	*	49.5	26.9
Pine	16.8	94.8	43.2	19.9	115.8	52.3
Pipestone	*	57.7	22.2	*	63.0	24.6
Polk	14.8	49.2	28.5	15.2	51.7	29.7
Pope	*	*	15.3	*	*	18.3
Ramsey	27.3	60.4	42.2	39.5	90.7	62.5
Red Lake	*	*	*	*	*	*
Redwood	*	69.9	29.6	15.5	83.8	34.7
Renville	17.2	95.2	38.6	20.2	97.2	41.3
Rice	17.5	22.0	20.0	22.0	29.5	26.2
Rock	*	87.6	36.2	*	87.6	36.2
Roseau	*	95.0	33.5	*	95.0	33.5
St. Louis	14.0	37.7	25.4	20.1	54.6	36.7
Scott	8.7	51.9	22.5	15.8	76.7	35.2
Sherburne	10.2	47.4	23.0	16.4	63.4	32.5
Sibley	*	71.7	28.2	*	81.4	32.4
Stearns	10.0	24.2	17.5	13.2	33.8	24.0
Steele	18.6	62.1	33.2	23.3	77.4	41.5
Stevens	*	*	10.9	*	19.8	16.4
Swift	*	*	23.7	*	*	29.1
Todd	*	57.7	24.6	9.6	59.5	26.4
Traverse	*	*	*	*	*	*
Wabasha	*	65.3	24.6	16.0	85.3	37.3
Wadena	*	65.5	30.1	*	67.4	31.4
Waseca	13.8	63.4	30.3	15.9	84.0	38.6
Washington	6.4	37.1	16.0	12.2	63.6	28.2
Watonwan	*	114.9	46.0	*	121.6	48.9
Wilkin	*	*	27.5	*	*	29.9
Winona	11.6	17.7	15.5	16.5	24.2	21.4
Wright	9.2	54.3	24.0	13.8	65.6	30.8
Yellow Medicine	24.3	77.5	41.3	24.3	79.8	42.0

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

MN2004: Healthy Minnesotans: Public Health Improvement Goals (Fall, 1998)

HP2010: Healthy People 2010 Goals (U.S. Public Health Service)

*Rate not calculated for less than 20 events

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

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

Nativity Table 8: Socio-Demographic Factors Related to Birth Outcomes in Minnesota by State and County, 2001

	Percent - Births to Unmarried Mothers	Percent - No Father on Birth Certificate	Percent - Mothers Smoked during Pregnancy	Percent - Maternal Education Status		
				Low	Medium	High
HP2010	---	---	1.0	---	---	---
State of Minnesota	25.8	8.0	11.2	9.5	27.9	62.6
Aitkin	34.0	6.3	32.4	9.7	39.6	50.7
Anoka	22.8	4.7	9.5	5.7	28.9	65.4
Becker	36.2	10.7	21.8	11.1	42.1	46.8
Beltrami	49.7	14.6	19.3	19.8	33.1	47.1
Benton	30.2	5.8	18.3	7.9	30.8	61.3
Big Stone	18.9	5.7	23.1	22.6	28.3	49.1
Blue Earth	25.3	4.4	12.7	6.9	23.3	69.7
Brown	25.9	3.6	13.0	5.7	30.4	64.0
Carlton	31.1	6.4	23.4	8.9	36.9	54.2
Carver	11.2	2.6	5.1	3.4	20.2	76.3
Cass	45.1	12.0	29.5	12.3	38.9	48.8
Chippewa	33.1	7.6	24.6	13.9	33.0	53.0
Chisago	19.1	6.3	16.2	4.3	35.2	60.5
Clay	28.0	9.3	14.9	7.4	24.7	67.8
Clearwater	39.5	4.2	14.5	9.6	43.0	47.4
Cook	33.3	4.8	16.7	9.5	40.5	50.0
Cottonwood	28.8	7.5	12.3	13.7	39.0	47.3
Crow Wing	31.3	7.1	24.0	8.3	33.0	58.7
Dakota	19.3	5.5	7.0	5.4	22.3	72.3
Dodge	17.6	3.1	10.3	6.7	32.5	60.8
Douglas	18.3	2.8	12.7	5.9	28.5	65.6
Faribault	31.5	8.1	13.4	8.7	34.2	57.0
Fillmore	16.0	7.8	8.5	13.5	27.0	59.5
Freeborn	30.9	9.6	9.9	18.4	35.0	46.6
Goodhue	22.4	3.5	15.9	6.7	38.1	55.2
Grant	22.6	3.8	13.2	7.5	30.2	62.3
Hennepin	27.6	10.7	6.5	11.9	23.9	64.3
Houston	20.1	19.6	10.7	2.4	26.1	71.5
Hubbard	31.4	14.4	29.9	10.3	42.9	46.7
Isanti	23.8	3.8	19.4	7.3	38.2	54.5
Itasca	34.7	6.3	15.5	7.3	35.3	57.3
Jackson	18.0	2.0	7.0	5.0	26.0	69.0
Kanabec	39.4	7.8	25.8	16.8	34.6	48.7
Kandiyohi	30.2	9.0	12.2	16.7	28.9	54.5
Kittson	25.5	4.3	14.9	2.4	42.9	54.8
Koochiching	32.4	4.9	12.9	6.4	41.1	52.5
Lac Qui Parle	12.9	1.6	6.5	8.1	21.0	71.0
Lake	23.7	7.5	19.4	4.3	42.4	53.3
Lake of the Woods	22.2	2.8	2.9	0.0	44.4	55.6
Le Sueur	27.7	9.1	12.7	12.5	35.4	52.1
Lincoln	17.9	7.1	12.7	8.9	26.8	64.3
Lyon	27.9	8.7	13.4	15.2	22.5	62.3
McLeod	23.8	8.0	9.9	10.8	34.2	55.0
Mahnomen	61.3	18.8	41.3	16.3	53.8	30.0
Marshall	19.6	4.1	14.6	4.3	29.0	66.7
Martin	34.3	6.8	19.0	14.2	34.6	51.2
Meeker	22.1	5.6	17.5	6.9	35.3	57.8
Mille Lacs	30.4	4.9	25.7	10.9	39.7	49.4

Nativity Table 8: Socio-Demographic Factors Related to Birth Outcomes in Minnesota by State and County, 2001

	Percent - Births to Unmarried Mothers	Percent - No Father on Birth Certificate	Percent - Mothers Smoked during Pregnancy	Percent - Maternal Education Status		
				Low	Medium	High
HP2010	---	---	1.0	---	---	---
State of Minnesota	25.8	8.0	11.2	9.5	27.9	62.6
Morrison	28.3	4.9	20.9	5.8	42.4	51.8
Mower	35.1	10.3	19.5	17.4	37.7	44.8
Murray	27.7	7.4	16.0	5.4	31.2	63.4
Nicollet	25.6	5.8	10.6	6.7	22.4	70.9
Nobles	36.3	10.3	4.8	33.9	23.5	42.6
Norman	30.9	5.5	25.9	6.4	29.8	63.8
Olmsted	20.2	6.8	8.7	7.9	24.8	67.3
Otter Tail	25.0	5.1	17.4	10.3	31.1	58.6
Pennington	28.0	7.1	20.4	8.4	38.3	53.3
Pine	33.4	3.8	27.4	14.9	36.8	48.3
Pipestone	24.8	11.6	19.8	5.8	29.8	64.5
Polk	33.0	8.4	12.5	7.4	39.5	53.1
Pope	20.2	4.4	11.4	6.1	30.7	63.2
Ramsey	33.5	12.9	10.6	14.2	29.1	56.7
Red Lake	17.0	0.0	8.5	2.1	38.3	59.6
Redwood	26.5	4.4	17.4	8.3	42.0	49.7
Renville	28.3	6.5	15.5	18.2	29.3	52.5
Rice	31.3	6.9	13.1	16.6	36.7	46.8
Rock	24.3	12.6	13.8	11.0	34.9	54.1
Roseau	25.0	4.0	14.0	6.5	47.2	46.2
St. Louis	32.0	8.0	22.8	7.4	30.9	61.7
Scott	12.1	2.8	5.4	3.3	23.1	73.6
Sherburne	15.4	2.7	10.3	4.5	30.2	65.3
Sibley	26.1	4.5	8.9	17.2	29.3	53.4
Stearns	23.2	5.2	13.8	7.0	24.7	68.4
Steele	26.4	7.6	15.7	13.3	37.4	49.3
Stevens	12.6	3.2	3.2	1.1	18.9	80.0
Swift	17.3	2.9	14.4	6.9	24.5	68.6
Todd	25.7	4.4	20.1	18.2	34.2	47.6
Traverse	26.7	10.0	30.0	6.7	40.0	53.3
Wabasha	28.6	8.6	15.3	7.3	36.4	56.3
Wadena	30.3	7.9	23.2	10.7	36.9	52.3
Waseca	33.1	8.2	18.9	12.4	38.6	49.0
Washington	16.7	5.2	8.3	3.0	22.2	74.8
Watonwan	31.0	11.5	7.5	29.8	32.2	38.0
Wilkin	26.5	8.8	10.3	4.4	29.4	66.2
Winona	23.3	8.6	8.9	3.3	30.2	66.5
Wright	17.1	4.7	12.1	5.0	30.6	64.4
Yellow Medicine	31.9	6.2	15.0	7.1	33.9	58.9

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

HP2010: Healthy People 2010 Goals (U.S. Public Health Service)

Maternal Educational Status (Low, Medium, High): A calculation of the percentage of mothers who have reached an educational status based on age of mother and number of school years completed.

Nativity Table 9: Race and Ethnicity of Mother in Minnesota by State and County, 2001

	Race of Mother - Percent					Ethnicity of Mother - Percent	
	White	African American	Native American	Asian	Unknown / Other	Hispanic (any race)	Not Hispanic
State of Minnesota	85.0	6.8	1.9	5.4	0.9	6.8	93.2
Aitkin	94.4	0.7	3.5	0.7	0.7	1.4	98.6
Anoka	91.9	3.4	0.6	3.5	0.6	2.8	97.2
Becker	79.7	1.1	18.6	0.3	0.3	1.2	98.8
Beltrami	62.0	0.3	36.2	0.9	0.5	0.5	99.5
Benton	96.0	1.3	0.6	1.9	0.2	1.1	98.9
Big Stone	100.0	0.0	0.0	0.0	0.0	0.0	100.0
Blue Earth	92.3	5.3	0.3	2.0	0.2	2.9	97.1
Brown	98.0	0.8	0.0	0.8	0.4	6.1	93.9
Carlton	88.3	0.3	10.0	0.8	0.6	0.6	99.4
Carver	96.4	0.4	0.4	2.3	0.5	4.8	95.2
Cass	72.7	0.3	26.3	0.3	0.3	0.7	99.3
Chippewa	92.4	0.8	3.4	3.4	0.0	9.3	90.7
Chisago	98.3	0.2	0.3	0.8	0.5	1.0	99.0
Clay	92.8	1.9	3.0	1.6	0.7	11.2	88.8
Clearwater	82.4	0.0	11.8	1.7	4.2	0.0	100.0
Cook	90.5	2.4	7.1	0.0	0.0	2.4	97.6
Cottonwood	94.5	1.4	0.7	2.1	1.4	6.3	93.7
Crow Wing	96.4	1.0	1.9	0.6	0.1	0.7	99.3
Dakota	89.6	4.2	0.5	5.0	0.7	5.7	94.3
Dodge	99.2	0.0	0.0	0.4	0.4	7.1	92.9
Douglas	97.2	0.6	1.4	0.3	0.6	1.1	98.9
Faribault	99.3	0.0	0.0	0.0	0.7	10.2	89.8
Fillmore	99.2	0.0	0.0	0.4	0.4	0.4	99.6
Freeborn	98.1	0.0	0.3	0.6	0.9	19.8	80.2
Goodhue	95.2	1.2	2.1	1.2	0.4	3.1	96.9
Grant	100.0	0.0	0.0	0.0	0.0	1.9	98.1
Hennepin	72.9	16.0	1.6	7.8	1.7	10.6	89.4
Houston	98.6	0.9	0.0	0.5	0.0	0.0	100.0
Hubbard	95.2	0.0	4.3	0.0	0.5	1.1	98.9
Isanti	99.0	0.0	0.3	0.3	0.5	0.8	99.2
Itasca	92.7	0.0	6.3	0.2	0.7	0.5	99.5
Jackson	96.0	0.0	0.0	4.0	0.0	0.0	100.0
Kanabec	99.0	0.0	0.5	0.5	0.0	0.5	99.5
Kandiyohi	97.5	1.0	0.8	0.6	0.2	21.2	78.8
Kittson	97.9	0.0	0.0	2.1	0.0	2.6	97.4
Koochiching	95.1	0.0	4.9	0.0	0.0	1.4	98.6
Lac Qui Parle	100.0	0.0	0.0	0.0	0.0	0.0	100.0
Lake	98.9	0.0	1.1	0.0	0.0	0.0	100.0
Lake of the Woods	86.1	0.0	5.6	8.3	0.0	0.0	100.0
Le Sueur	97.1	0.3	0.6	1.2	0.9	14.2	85.8
Lincoln	100.0	0.0	0.0	0.0	0.0	1.9	98.1
Lyon	92.5	5.1	0.0	2.1	0.3	12.4	87.6
McLeod	97.0	0.6	0.4	1.5	0.6	12.5	87.5
Mahnomen	42.5	0.0	57.5	0.0	0.0	2.6	97.4
Marshall	95.9	0.0	3.1	1.0	0.0	7.9	92.1
Martin	96.8	1.2	0.8	1.2	0.0	5.6	94.4
Meeker	98.7	0.0	0.3	1.0	0.0	5.7	94.3
Mille Lacs	89.5	0.0	10.1	0.0	0.4	2.8	97.2
Morrison	98.2	0.4	0.9	0.2	0.2	0.7	99.3
Mower	95.1	2.2	0.0	2.1	0.6	12.6	87.4
Murray	97.9	0.0	1.1	1.1	0.0	4.3	95.7
Nicollet	94.7	2.6	0.3	2.4	0.0	3.7	96.3

Nativity Table 9: Race and Ethnicity of Mother in Minnesota by State and County, 2001

	Race of Mother - Percent					Ethnicity of Mother - Percent	
	White	African American	Native American	Asian	Unknown / Other	Hispanic (any race)	Not Hispanic
State of Minnesota	85.0	6.8	1.9	5.4	0.9	6.8	93.2
Nobles	85.9	2.6	1.0	5.8	4.8	31.5	68.5
Norman	96.4	0.0	3.6	0.0	0.0	2.8	97.2
Olmsted	85.2	7.5	0.4	6.3	0.6	4.0	96.0
Otter Tail	97.3	0.4	1.1	1.1	0.2	3.7	96.3
Pennington	94.6	0.6	4.2	0.6	0.0	3.2	96.8
Pine	94.8	0.0	3.4	1.4	0.3	1.0	99.0
Pipestone	92.6	0.0	4.1	3.3	0.0	0.8	99.2
Polk	97.4	0.4	1.5	0.4	0.4	9.6	90.4
Pope	97.4	0.0	1.8	0.9	0.0	0.9	99.1
Ramsey	66.5	14.4	1.5	16.6	1.0	10.0	90.0
Red Lake	100.0	0.0	0.0	0.0	0.0	0.0	100.0
Redwood	89.5	0.0	9.4	0.6	0.6	2.2	97.8
Renville	96.7	0.5	2.2	0.0	0.5	20.7	79.3
Rice	94.6	1.9	0.6	1.9	1.0	17.8	82.2
Rock	96.4	0.9	0.9	0.9	0.9	3.7	96.3
Roseau	92.5	0.0	1.0	6.5	0.0	0.5	99.5
St. Louis	92.8	1.6	3.5	1.2	0.9	1.0	99.0
Scott	92.3	1.1	1.8	4.1	0.7	3.9	96.1
Sherburne	98.3	0.4	0.3	1.1	0.0	1.7	98.3
Sibley	97.2	0.6	0.0	1.7	0.6	14.4	85.6
Stearns	96.1	1.6	0.3	1.9	0.0	3.3	96.7
Steele	93.4	4.8	0.0	1.7	0.2	10.3	89.7
Stevens	93.7	2.1	2.1	2.1	0.0	1.1	98.9
Swift	96.2	0.0	1.0	2.9	0.0	1.9	98.1
Todd	97.8	0.4	0.4	0.7	0.7	11.5	88.5
Traverse	90.0	0.0	6.7	0.0	3.3	10.0	90.0
Wabasha	98.5	0.4	0.4	0.4	0.4	5.6	94.4
Wadena	96.7	1.3	1.3	0.7	0.0	2.0	98.0
Waseca	95.5	4.1	0.0	0.4	0.0	11.5	88.5
Washington	92.2	3.0	0.3	4.2	0.4	3.0	97.0
Watonwan	93.7	0.0	0.6	1.7	4.0	39.9	60.1
Wilkin	95.6	0.0	4.4	0.0	0.0	1.5	98.5
Winona	97.0	1.1	0.0	1.7	0.2	3.9	96.1
Wright	97.7	0.3	0.7	1.0	0.3	1.4	98.6
Yellow Medicine	92.9	0.9	4.4	0.0	1.8	6.3	93.7

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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State of Minnesota - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
AIDS/HIV	0	0	0	43	28	0	0	71
Alzheimer's Disease	0	0	0	0	8	59	1,087	1,154
Atherosclerosis	0	0	0	1	2	19	154	176
Cancer	7	21	24	318	2,068	2,318	4,443	9,199
Cirrhosis	1	0	0	37	156	80	73	347
Congenital Anomalies	118	9	9	16	34	10	10	206
Chronic Lower Respiratory Disease	2	3	5	15	154	423	1,290	1,892
Diabetes	0	0	1	40	186	225	754	1,206
Heart Disease	11	2	7	181	981	1,314	6,351	8,847
Homicide	6	4	38	63	21	4	6	142
Hypertension	0	1	0	4	34	62	305	406
Nephritis	1	0	3	9	50	86	511	660
Perinatal Conditions	144	0	0	0	0	0	0	144
Pneumonia and Influenza	4	1	4	10	37	72	710	838
Septicemia	9	0	1	7	26	31	167	241
SIDS	20	0	0	0	0	0	0	20
Stroke	8	1	1	35	188	310	2,232	2,775
Suicide	0	5	70	189	118	20	37	439
Unintentional Injury	32	51	236	369	262	124	656	1,730
Other	70	25	46	270	767	925	4,999	7,102
Total	433	123	445	1,607	5,120	6,082	23,785	37,595

Source: Minnesota Department of Health, Center for Health Statistics

Aitkin County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	1	0	5	6
Cancer	0	0	0	3	10	13	26	52
Cirrhosis	0	0	0	1	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	1	3	3	7
Diabetes	0	0	0	0	2	0	2	4
Heart Disease	0	0	0	0	8	8	35	51
Homicide	0	0	0	0	1	1	0	2
Nephritis	0	0	0	0	0	0	2	2
Pneumonia and Influenza	0	0	0	0	0	0	3	3
Septicemia	0	0	0	0	0	1	2	3
Stroke	0	0	0	0	0	1	5	6
Suicide	0	0	0	1	0	1	0	2
Unintentional Injury	0	1	1	0	1	0	5	8
Other	0	1	0	0	2	6	18	27
Total	0	2	1	5	26	34	106	174

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Anoka County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
AIDS/HIV	0	0	0	1	0	0	0	1
Alzheimer's Disease	0	0	0	0	0	1	25	26
Atherosclerosis	0	0	0	0	0	2	4	6
Cancer	1	2	1	24	122	118	140	408
Cirrhosis	0	0	0	5	4	7	2	18
Congenital Anomalies	11	2	0	0	2	0	0	15
Chronic Lower Respiratory Disease	0	0	1	1	11	29	41	83
Diabetes	0	0	0	3	12	9	19	43
Heart Disease	1	1	0	15	53	44	180	294
Homicide	1	2	0	5	1	0	0	9
Hypertension	0	0	0	0	2	3	17	22
Nephritis	0	0	0	1	5	5	11	22
Perinatal Conditions	8	0	0	0	0	0	0	8
Pneumonia and Influenza	0	0	1	1	1	0	19	22
Septicemia	0	0	1	1	2	4	5	13
SIDS	2	0	0	0	0	0	0	2
Stroke	0	0	0	2	9	12	49	72
Suicide	0	1	3	8	9	0	0	21
Unintentional Injury	2	2	13	19	10	5	22	73
Other	4	0	5	15	45	38	141	248
Total	30	10	25	101	288	277	675	1,406

Source: Minnesota Department of Health, Center for Health Statistics

Becker County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	1	2	13	16
Cancer	0	0	0	0	16	22	31	69
Cirrhosis	0	0	0	0	1	0	0	1
Congenital Anomalies	1	0	0	0	2	0	0	3
Chronic Lower Respiratory Disease	0	0	0	0	1	4	10	15
Diabetes	0	0	0	0	1	1	6	8
Heart Disease	0	0	0	1	10	18	73	102
Homicide	0	0	0	0	0	0	1	1
Hypertension	0	0	0	0	0	0	1	1
Nephritis	0	0	0	0	0	1	6	7
Perinatal Conditions	4	0	0	0	0	0	0	4
Pneumonia and Influenza	0	0	1	0	0	1	7	9
Septicemia	0	0	0	0	0	0	1	1
SIDS	1	0	0	0	0	0	0	1
Stroke	0	0	0	0	5	3	22	30
Suicide	0	0	0	3	1	0	0	4
Unintentional Injury	0	0	2	10	1	3	5	21
Other	0	0	0	3	8	4	46	61
Total	6	0	3	17	47	59	222	354

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Beltrami County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	9	9
Atherosclerosis	0	0	0	0	0	2	1	3
Cancer	0	0	0	2	14	20	31	67
Cirrhosis	0	0	0	1	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	0	2	6	8
Diabetes	0	0	0	0	5	3	9	17
Heart Disease	0	0	0	1	10	12	41	64
Hypertension	0	0	0	0	0	0	3	3
Nephritis	0	0	0	0	0	3	4	7
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	1	1	3	5
SIDS	1	0	0	0	0	0	0	1
Stroke	0	1	0	0	2	6	11	20
Suicide	0	0	3	2	2	1	0	8
Unintentional Injury	1	0	4	5	2	1	4	17
Other	2	0	1	3	11	9	46	72
Total	5	1	8	14	47	60	168	303

Source: Minnesota Department of Health, Center for Health Statistics

Benton County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	1	8	9
Atherosclerosis	0	0	0	0	0	0	5	5
Cancer	0	0	0	2	16	5	35	58
Cirrhosis	0	0	0	0	1	0	1	2
Chronic Lower Respiratory Disease	0	0	0	0	0	3	11	14
Diabetes	0	0	0	0	3	2	7	12
Heart Disease	0	0	0	1	7	13	74	95
Hypertension	0	0	0	0	0	0	3	3
Nephritis	0	0	0	0	0	0	3	3
Perinatal Conditions	3	0	0	0	0	0	0	3
Pneumonia and Influenza	1	0	0	0	0	0	6	7
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	1	1	18	20
Suicide	0	0	0	1	2	0	1	4
Unintentional Injury	1	1	2	5	4	0	6	19
Other	0	0	0	0	3	4	34	41
Total	5	1	2	9	37	29	213	296

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Big Stone County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	1	1
Cancer	0	0	0	0	6	3	19	28
Cirrhosis	0	0	0	0	0	1	0	1
Chronic Lower Respiratory Disease	0	0	0	0	0	0	3	3
Diabetes	0	0	0	0	0	0	4	4
Heart Disease	0	0	0	0	1	5	32	38
Nephritis	0	0	0	0	0	0	2	2
Pneumonia and Influenza	0	0	0	0	0	0	3	3
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	1	0	10	11
Suicide	0	0	0	0	0	0	1	1
Unintentional Injury	0	0	1	2	0	1	0	4
Other	0	0	1	0	1	3	5	10
Total	0	0	2	2	9	13	81	107

Source: Minnesota Department of Health, Center for Health Statistics

Blue Earth County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	22	22
Atherosclerosis	0	0	0	0	0	0	3	3
Cancer	1	1	2	7	21	21	38	91
Cirrhosis	0	0	0	0	3	0	3	6
Congenital Anomalies	3	0	0	0	0	1	0	4
Chronic Lower Respiratory Disease	0	0	0	0	2	3	18	23
Diabetes	0	0	0	0	1	4	10	15
Heart Disease	0	0	0	2	18	19	99	138
Hypertension	0	0	0	0	0	0	1	1
Nephritis	0	0	0	0	0	0	2	2
Pneumonia and Influenza	0	0	0	0	0	0	9	9
Septicemia	0	0	0	0	0	2	0	2
Stroke	0	0	0	0	0	1	33	34
Suicide	0	0	2	0	1	0	1	4
Unintentional Injury	0	1	2	0	3	3	5	14
Other	1	0	0	1	10	12	65	89
Total	5	2	6	10	59	66	309	457

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Brown County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	8	8
Cancer	0	0	0	2	10	16	28	56
Cirrhosis	0	0	0	0	0	0	1	1
Congenital Anomalies	0	0	0	0	0	0	1	1
Chronic Lower Respiratory Disease	0	0	0	1	2	3	6	12
Diabetes	0	0	0	0	0	1	9	10
Heart Disease	0	0	0	0	4	5	63	72
Hypertension	0	0	0	0	0	0	4	4
Nephritis	0	0	0	0	0	1	9	10
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	0	2	6	8
SIDS	1	0	0	0	0	0	0	1
Stroke	0	0	0	0	0	2	11	13
Suicide	0	0	0	0	1	0	0	1
Unintentional Injury	0	1	1	4	0	0	4	10
Other	0	1	0	3	6	4	34	48
Total	2	2	1	10	23	34	184	256

Source: Minnesota Department of Health, Center for Health Statistics

Carlton County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	9	9
Atherosclerosis	0	0	0	0	0	0	5	5
Cancer	0	1	0	2	13	22	30	68
Cirrhosis	0	0	0	0	2	0	0	2
Congenital Anomalies	0	0	0	1	0	1	1	3
Chronic Lower Respiratory Disease	0	0	0	0	1	5	14	20
Diabetes	0	0	0	2	2	2	6	12
Heart Disease	0	0	0	1	13	13	59	86
Hypertension	0	1	0	0	0	0	0	1
Nephritis	0	0	0	0	0	1	3	4
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	0	0	6	6
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	2	3	16	21
Suicide	0	0	0	2	1	0	1	4
Unintentional Injury	0	1	3	5	5	0	3	17
Other	0	0	0	2	4	11	40	57
Total	1	3	3	15	43	58	194	317

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Carver County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	4	4
Atherosclerosis	0	0	0	0	0	0	1	1
Cancer	0	0	0	2	18	19	45	84
Cirrhosis	0	0	0	1	2	0	0	3
Congenital Anomalies	0	0	0	0	0	1	0	1
Chronic Lower Respiratory Disease	0	0	0	0	1	1	7	9
Diabetes	0	0	0	0	1	1	6	8
Heart Disease	0	0	0	1	7	13	47	68
Hypertension	0	0	0	0	0	0	2	2
Nephritis	0	0	0	0	0	0	4	4
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	0	0	9	9
Septicemia	0	0	0	0	0	0	3	3
SIDS	1	0	0	0	0	0	0	1
Stroke	0	0	0	1	2	2	15	20
Suicide	0	0	3	2	1	0	0	6
Unintentional Injury	0	2	4	4	2	1	3	16
Other	0	1	0	5	4	7	40	57
Total	2	3	7	16	38	45	186	297

Source: Minnesota Department of Health, Center for Health Statistics

Cass County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5 - 14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	1	5	6
Atherosclerosis	0	0	0	0	1	0	0	1
Cancer	0	0	0	0	14	31	25	70
Cirrhosis	0	0	0	1	0	0	0	1
Congenital Anomalies	0	0	0	1	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	1	1	3	12	17
Diabetes	0	0	0	1	0	4	6	11
Heart Disease	0	0	0	3	9	18	28	58
Hypertension	0	0	0	0	0	1	1	2
Nephritis	0	0	0	0	0	1	2	3
Pneumonia and Influenza	0	0	0	0	1	1	5	7
Septicemia	0	0	0	0	0	0	3	3
Stroke	1	0	0	0	0	1	10	12
Suicide	0	0	1	2	1	0	0	4
Unintentional Injury	0	0	2	5	1	1	8	17
Other	2	0	0	2	13	12	43	72
Total	3	0	3	16	41	74	148	285

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Chippewa County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	1	1
Atherosclerosis	0	0	0	0	0	0	3	3
Cancer	0	0	0	0	5	8	22	35
Cirrhosis	0	0	0	0	1	0	0	1
Congenital Anomalies	1	0	0	0	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	1	0	5	6
Diabetes	0	0	0	0	1	0	10	11
Heart Disease	0	0	0	0	1	3	33	37
Nephritis	0	0	0	0	1	0	4	5
Pneumonia and Influenza	0	0	0	0	0	0	2	2
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	0	0	15	15
Suicide	0	0	0	0	0	0	1	1
Unintentional Injury	0	0	0	2	1	0	3	6
Other	0	0	0	1	2	4	20	27
Total	1	0	0	3	13	15	120	152

Source: Minnesota Department of Health, Center for Health Statistics

Chisago County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	1	6	7
Atherosclerosis	0	0	0	0	0	0	2	2
Cancer	0	0	0	0	20	29	35	84
Cirrhosis	0	0	0	0	1	0	0	1
Congenital Anomalies	1	0	0	0	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	2	7	11	20
Diabetes	0	0	0	0	3	2	6	11
Heart Disease	0	0	0	2	9	12	32	55
Hypertension	0	0	0	0	0	2	2	4
Nephritis	0	0	0	0	0	0	8	8
Perinatal Conditions	2	0	0	0	0	0	0	2
Pneumonia and Influenza	0	0	0	0	0	1	6	7
Septicemia	0	0	0	0	0	0	2	2
SIDS	1	0	0	0	0	0	0	1
Stroke	0	0	0	0	1	1	12	14
Suicide	0	0	1	0	2	1	0	4
Unintentional Injury	0	1	2	3	1	5	8	20
Other	0	0	0	1	8	10	41	60
Total	4	1	3	6	47	71	171	303

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Clay County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	12	12
Atherosclerosis	0	0	0	0	0	0	2	2
Cancer	0	0	0	6	20	23	38	87
Cirrhosis	0	0	0	1	1	0	0	2
Congenital Anomalies	1	0	0	0	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	2	4	10	16
Diabetes	0	0	0	0	2	5	7	14
Heart Disease	0	0	1	4	8	12	73	98
Hypertension	0	0	0	0	0	0	1	1
Nephritis	0	0	0	0	1	0	4	5
Perinatal Conditions	6	0	0	0	0	0	0	6
Pneumonia and Influenza	0	0	0	0	1	0	3	4
SIDS	1	0	0	0	0	0	0	1
Stroke	0	0	0	1	1	3	22	27
Suicide	0	0	1	0	1	0	0	2
Unintentional Injury	0	0	3	7	1	0	6	17
Other	0	0	0	2	6	3	51	62
Total	8	0	5	21	44	50	229	357

Source: Minnesota Department of Health, Center for Health Statistics

Clearwater County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	3	3
Cancer	0	0	0	0	7	2	13	22
Chronic Lower Respiratory Disease	0	0	0	0	0	1	2	3
Diabetes	0	0	0	0	0	0	3	3
Heart Disease	0	0	0	0	6	5	24	35
Nephritis	0	0	1	0	0	0	2	3
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	0	1	6	7
Suicide	0	0	0	3	1	0	1	5
Unintentional Injury	0	0	2	3	0	1	3	9
Other	0	0	0	2	1	3	12	18
Total	1	0	3	8	15	13	70	110

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Cook County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	1	1
Cancer	0	0	0	1	5	4	7	17
Chronic Lower Respiratory Disease	0	0	0	0	0	0	1	1
Diabetes	0	0	0	0	0	2	1	3
Heart Disease	0	0	0	0	1	3	7	11
Hypertension	0	0	0	1	0	0	0	1
Nephritis	0	0	0	0	1	0	3	4
Pneumonia and Influenza	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	0	0	2	2
Unintentional Injury	0	0	0	1	0	1	3	5
Other	1	0	0	0	2	0	9	12
Total	1	0	0	3	9	10	35	58

Source: Minnesota Department of Health, Center for Health Statistics

Cottonwood County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	1	1	2
Cancer	0	0	0	0	5	6	20	31
Cirrhosis	0	0	0	0	0	0	2	2
Congenital Anomalies	0	0	0	1	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	0	2	6	8
Diabetes	0	0	0	0	0	0	7	7
Heart Disease	0	0	0	0	2	4	30	36
Nephritis	0	0	0	0	0	2	0	2
Pneumonia and Influenza	0	0	0	0	0	0	1	1
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	1	1	11	13
Unintentional Injury	0	0	0	1	1	1	7	10
Other	0	0	0	0	2	3	18	23
Total	0	0	0	2	11	20	104	137

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Crow Wing County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	2	18	20
Cancer	0	0	0	1	32	40	53	126
Cirrhosis	0	0	0	0	2	1	0	3
Congenital Anomalies	1	0	0	0	0	1	0	2
Chronic Lower Respiratory Disease	0	0	0	0	1	7	18	26
Diabetes	0	0	0	0	0	1	6	7
Heart Disease	0	0	0	4	21	21	99	145
Hypertension	0	0	0	0	1	2	2	5
Nephritis	0	0	0	1	2	4	8	15
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	1	3	13	17
Septicemia	0	0	0	0	1	0	1	2
Stroke	0	0	0	0	2	5	26	33
Suicide	0	0	1	4	1	0	1	7
Unintentional Injury	0	0	5	6	8	1	7	27
Other	1	1	0	0	12	17	39	70
Total	3	1	6	16	84	105	291	506

Source: Minnesota Department of Health, Center for Health Statistics

Dakota County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
AIDS/HIV	0	0	0	4	2	0	0	6
Alzheimer's Disease	0	0	0	0	1	2	44	47
Atherosclerosis	0	0	0	0	0	2	1	3
Cancer	0	1	1	28	115	128	175	448
Cirrhosis	1	0	0	1	9	5	5	21
Congenital Anomalies	10	0	0	1	3	0	0	14
Chronic Lower Respiratory Disease	0	0	0	0	9	22	52	83
Diabetes	0	0	0	5	14	7	29	55
Heart Disease	0	0	0	9	47	56	235	347
Homicide	0	0	2	3	2	0	0	7
Hypertension	0	0	0	1	2	3	14	20
Nephritis	0	0	0	1	4	6	18	29
Perinatal Conditions	7	0	0	0	0	0	0	7
Pneumonia and Influenza	0	0	0	1	1	2	21	25
Septicemia	2	0	0	1	3	3	5	14
SIDS	1	0	0	0	0	0	0	1
Stroke	0	0	0	2	13	16	84	115
Suicide	0	0	2	10	5	0	1	18
Unintentional Injury	1	5	15	16	11	9	26	83
Other	4	3	6	22	55	48	220	358
Total	26	9	26	105	296	309	930	1,701

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Dodge County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	1	1
Cancer	0	0	0	1	6	5	16	28
Cirrhosis	0	0	0	0	0	0	1	1
Congenital Anomalies	2	0	0	0	0	0	0	2
Chronic Lower Respiratory Disease	0	0	0	0	2	1	3	6
Diabetes	0	0	0	0	0	1	4	5
Heart Disease	0	0	0	0	3	4	23	30
Nephritis	0	0	0	0	0	0	3	3
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	1	0	3	4
Septicemia	0	0	0	0	0	0	2	2
Stroke	0	0	0	0	0	0	6	6
Suicide	0	0	0	0	1	0	0	1
Unintentional Injury	0	0	0	6	3	0	6	15
Other	0	0	0	0	0	2	13	15
Total	3	0	0	7	16	13	81	120

Source: Minnesota Department of Health, Center for Health Statistics

Douglas County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	1	9	10
Cancer	1	0	0	2	13	19	46	81
Congenital Anomalies	1	0	0	0	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	1	2	15	18
Diabetes	0	0	0	0	0	0	8	8
Heart Disease	0	0	0	0	8	9	93	110
Hypertension	0	0	0	0	0	0	4	4
Nephritis	0	0	0	0	1	1	6	8
Pneumonia and Influenza	0	0	0	0	0	0	6	6
Septicemia	0	0	0	0	0	0	4	4
Stroke	0	0	0	0	0	3	31	34
Suicide	0	0	0	2	0	0	0	2
Unintentional Injury	1	0	2	0	2	1	4	10
Other	0	1	1	1	4	3	34	44
Total	3	1	3	5	29	39	260	340

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Faribault County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
AIDS/HIV	0	0	0	1	0	0	0	1
Alzheimer's Disease	0	0	0	0	0	0	3	3
Cancer	0	0	0	0	6	13	22	41
Cirrhosis	0	0	0	0	1	0	0	1
Congenital Anomalies	1	0	0	0	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	0	2	10	12
Diabetes	0	0	0	0	0	1	3	4
Heart Disease	0	0	0	0	6	16	49	71
Homicide	0	0	0	1	0	0	0	1
Nephritis	0	0	0	0	0	1	5	6
Pneumonia and Influenza	0	0	0	0	0	0	3	3
Stroke	0	0	0	0	1	0	15	16
Unintentional Injury	0	0	1	2	1	2	2	8
Other	0	0	0	0	2	7	31	40
Total	1	0	1	4	17	42	143	208

Source: Minnesota Department of Health, Center for Health Statistics

Fillmore County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	1	4	5
Atherosclerosis	0	0	0	0	0	0	6	6
Cancer	0	0	0	2	7	11	33	53
Cirrhosis	0	0	0	0	0	0	2	2
Congenital Anomalies	1	0	0	0	1	0	0	2
Chronic Lower Respiratory Disease	0	0	0	0	1	3	13	17
Diabetes	0	0	0	0	2	1	5	8
Heart Disease	0	0	0	1	4	8	39	52
Hypertension	0	0	0	0	1	1	2	4
Nephritis	0	0	0	0	1	0	4	5
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	0	0	8	8
SIDS	1	0	0	0	0	0	0	1
Stroke	0	0	0	0	0	0	12	12
Suicide	0	0	0	0	0	0	2	2
Unintentional Injury	0	1	1	2	1	3	7	15
Other	1	1	0	0	2	9	30	43
Total	4	2	1	5	20	37	167	236

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Freeborn County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
AIDS/HIV	0	0	0	0	1	0	0	1
Alzheimer's Disease	0	0	0	0	0	2	19	21
Atherosclerosis	0	0	0	0	1	0	5	6
Cancer	0	1	0	3	13	12	51	80
Cirrhosis	0	0	0	0	2	0	1	3
Chronic Lower Respiratory Disease	0	0	0	0	1	2	9	12
Diabetes	0	0	0	0	2	2	10	14
Heart Disease	0	0	0	1	9	11	76	97
Hypertension	0	0	0	0	0	0	6	6
Nephritis	0	0	0	0	0	0	1	1
Pneumonia and Influenza	0	0	0	0	0	0	4	4
Septicemia	0	0	0	0	0	0	2	2
Stroke	0	0	0	0	1	5	24	30
Suicide	0	0	1	1	0	1	1	4
Unintentional Injury	0	0	0	1	1	1	4	7
Other	0	0	0	1	10	9	47	67
Total	0	1	1	7	41	45	260	355

Source: Minnesota Department of Health, Center for Health Statistics

Goodhue County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	1	11	12
Cancer	0	0	0	3	18	18	49	88
Cirrhosis	0	0	0	0	3	2	0	5
Congenital Anomalies	2	0	0	0	0	0	0	2
Chronic Lower Respiratory Disease	0	0	0	0	3	5	16	24
Diabetes	0	0	0	0	3	2	9	14
Heart Disease	0	0	0	2	14	8	91	115
Homicide	0	0	1	1	1	0	0	3
Hypertension	0	0	0	0	0	2	5	7
Nephritis	0	0	0	0	0	0	4	4
Pneumonia and Influenza	0	0	0	0	0	1	14	15
Septicemia	0	0	0	0	0	0	2	2
Stroke	0	0	0	0	0	5	27	32
Suicide	0	0	0	4	0	0	0	4
Unintentional Injury	0	0	1	3	5	1	19	29
Other	0	0	2	1	3	6	78	90
Total	2	0	4	14	50	51	325	446

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Grant County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
AIDS/HIV	0	0	0	1	0	0	0	1
Alzheimer's Disease	0	0	0	0	0	0	4	4
Cancer	0	0	0	0	1	2	12	15
Chronic Lower Respiratory Disease	0	0	0	0	0	0	1	1
Diabetes	0	0	0	0	0	1	1	2
Heart Disease	0	0	0	0	1	1	22	24
Hypertension	0	0	0	0	0	0	1	1
Nephritis	0	0	0	0	0	1	0	1
Pneumonia and Influenza	0	0	0	0	0	0	2	2
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	0	0	4	4
Unintentional Injury	0	1	1	0	0	1	3	6
Other	0	0	0	0	1	4	17	22
Total	0	1	1	1	3	10	68	84

Source: Minnesota Department of Health, Center for Health Statistics

Hennepin County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
AIDS/HIV	0	0	0	20	14	0	0	34
Alzheimer's Disease	0	0	0	0	0	12	238	250
Atherosclerosis	0	0	0	0	0	3	26	29
Cancer	0	4	3	65	427	498	979	1,976
Cirrhosis	0	0	0	10	46	14	16	86
Congenital Anomalies	26	1	2	4	8	1	3	45
Chronic Lower Respiratory Disease	0	2	0	4	27	94	274	401
Diabetes	0	0	0	12	45	45	142	244
Heart Disease	2	0	2	48	207	231	1,040	1,530
Homicide	1	1	20	21	5	0	1	49
Hypertension	0	0	0	0	16	22	95	133
Nephritis	1	0	1	4	13	14	98	131
Perinatal Conditions	35	0	0	0	0	0	0	35
Pneumonia and Influenza	2	0	0	5	15	17	154	193
Septicemia	3	0	0	2	8	6	37	56
SIDS	2	0	0	0	0	0	0	2
Stroke	3	0	1	11	49	61	455	580
Suicide	0	0	14	46	28	7	7	102
Unintentional Injury	10	11	39	64	38	26	172	360
Other	14	5	8	66	179	214	1,209	1,695
Total	99	24	90	382	1,125	1,265	4,946	7,931

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Houston County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5 - 14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	4	4
Atherosclerosis	0	0	0	0	0	0	1	1
Cancer	0	1	0	0	10	11	22	44
Congenital Anomalies	2	0	0	1	1	0	0	4
Chronic Lower Respiratory Disease	0	0	0	0	1	4	5	10
Diabetes	0	0	0	1	0	1	3	5
Heart Disease	0	0	0	1	4	7	34	46
Nephritis	0	0	0	0	0	2	2	4
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	0	0	5	5
Septicemia	0	0	0	0	0	2	4	6
Stroke	0	0	0	0	1	3	18	22
Unintentional Injury	0	0	2	0	3	0	5	10
Other	0	0	0	2	1	2	28	33
Total	3	1	2	5	21	32	131	195

Source: Minnesota Department of Health, Center for Health Statistics

Hubbard County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	3	3
Cancer	0	0	0	1	10	16	22	49
Cirrhosis	0	0	0	0	0	0	1	1
Congenital Anomalies	1	0	0	0	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	0	3	6	9
Diabetes	0	0	0	0	1	1	5	7
Heart Disease	0	0	0	1	4	15	27	47
Homicide	0	0	0	0	1	0	0	1
Hypertension	0	0	0	0	1	0	0	1
Pneumonia and Influenza	0	0	0	0	0	2	2	4
Septicemia	0	0	0	0	0	0	2	2
Stroke	0	0	0	1	0	1	7	9
Unintentional Injury	1	0	1	2	2	2	3	11
Other	0	0	1	3	3	3	13	23
Total	2	0	2	8	22	43	91	168

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Isanti County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	11	11
Cancer	0	0	0	0	17	13	13	43
Cirrhosis	0	0	0	0	0	2	0	2
Chronic Lower Respiratory Disease	0	0	0	0	0	1	7	8
Diabetes	0	0	0	0	0	0	9	9
Heart Disease	0	0	0	0	10	7	34	51
Hypertension	0	0	0	0	0	0	2	2
Nephritis	0	0	0	0	1	0	5	6
Pneumonia and Influenza	0	0	0	0	0	0	3	3
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	2	0	18	20
Suicide	0	0	1	1	1	0	1	4
Unintentional Injury	0	0	0	1	2	0	4	7
Other	0	0	0	0	7	5	22	34
Total	0	0	1	2	40	28	130	201

Source: Minnesota Department of Health, Center for Health Statistics

Itasca County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	1	13	14
Atherosclerosis	0	0	0	1	0	0	3	4
Cancer	0	0	0	1	24	36	62	123
Cirrhosis	0	0	0	0	4	3	2	9
Congenital Anomalies	1	0	0	1	0	0	0	2
Chronic Lower Respiratory Disease	0	0	0	0	2	7	9	18
Diabetes	0	0	0	0	2	5	7	14
Heart Disease	0	0	0	1	13	19	75	108
Hypertension	0	0	0	0	0	0	5	5
Nephritis	0	0	0	0	0	1	6	7
Perinatal Conditions	2	0	0	0	0	0	0	2
Pneumonia and Influenza	0	0	0	0	1	1	5	7
Septicemia	0	0	0	0	2	0	1	3
Stroke	0	0	0	0	2	4	20	26
Suicide	0	0	1	0	0	0	0	1
Unintentional Injury	0	1	2	10	8	1	9	31
Other	0	0	1	6	11	14	55	87
Total	3	1	4	20	69	92	272	461

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Jackson County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	1	3	4
Cancer	0	1	0	2	7	8	18	36
Chronic Lower Respiratory Disease	0	0	0	0	0	1	4	5
Diabetes	0	0	0	0	1	1	2	4
Heart Disease	0	0	0	0	1	5	30	36
Hypertension	0	0	0	0	0	0	1	1
Nephritis	0	0	0	0	0	0	1	1
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	1	0	6	7
Septicemia	0	0	0	0	0	2	0	2
Stroke	0	0	0	0	0	0	7	7
Suicide	0	0	1	1	0	0	0	2
Unintentional Injury	0	0	2	0	0	0	0	2
Other	1	0	0	1	0	6	21	29
Total	2	1	3	4	10	24	93	137

Source: Minnesota Department of Health, Center for Health Statistics

Kanabec County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	2	2
Atherosclerosis	0	0	0	0	0	0	3	3
Cancer	0	0	0	2	14	7	13	36
Chronic Lower Respiratory Disease	0	0	0	0	0	1	6	7
Diabetes	0	0	0	0	0	0	1	1
Heart Disease	0	0	0	0	2	11	17	30
Nephritis	0	0	0	0	0	1	3	4
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	1	1	5	7
Suicide	0	0	0	1	0	0	0	1
Unintentional Injury	0	0	5	1	1	1	4	12
Other	0	0	0	0	3	5	12	20
Total	0	0	5	4	21	27	67	124

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Kandiyohi County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	9	9
Atherosclerosis	0	0	0	0	0	0	1	1
Cancer	1	0	0	4	21	17	43	86
Cirrhosis	0	0	0	1	0	2	1	4
Congenital Anomalies	0	0	0	1	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	0	4	16	20
Diabetes	0	0	0	0	0	1	2	3
Heart Disease	0	0	0	0	14	18	85	117
Homicide	0	0	0	0	1	0	0	1
Hypertension	0	0	0	0	0	0	1	1
Nephritis	0	0	0	0	0	1	3	4
Pneumonia and Influenza	0	0	0	0	0	2	8	10
Septicemia	0	0	0	0	0	1	2	3
SIDS	1	0	0	0	0	0	0	1
Stroke	0	0	0	0	1	3	14	18
Suicide	0	0	2	1	0	0	1	4
Unintentional Injury	0	0	0	3	3	5	4	15
Other	0	0	0	5	9	11	51	76
Total	2	0	2	15	49	65	241	374

Source: Minnesota Department of Health, Center for Health Statistics

Kittson County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Atherosclerosis	0	0	0	0	0	0	2	2
Cancer	0	0	0	0	3	1	6	10
Chronic Lower Respiratory Disease	0	0	0	0	0	1	3	4
Diabetes	0	0	0	0	0	1	1	2
Heart Disease	0	0	0	0	7	3	13	23
Hypertension	0	0	0	0	0	0	2	2
Nephritis	0	0	0	0	0	0	1	1
Pneumonia and Influenza	0	0	0	0	0	1	5	6
Stroke	0	0	0	0	0	1	5	6
Suicide	0	0	0	0	0	1	0	1
Unintentional Injury	0	0	0	0	1	0	0	1
Other	0	0	0	1	0	2	5	8
Total	0	0	0	1	11	11	43	66

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Koochiching County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	3	3
Cancer	0	0	0	1	10	13	21	45
Cirrhosis	0	0	0	0	1	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	0	2	7	9
Diabetes	0	0	0	0	1	3	3	7
Heart Disease	0	0	0	0	4	8	43	55
Nephritis	0	0	0	0	0	1	4	5
Pneumonia and Influenza	1	0	0	0	0	0	7	8
Stroke	1	0	0	0	1	3	11	16
Unintentional Injury	1	1	0	0	2	1	2	7
Other	0	0	0	2	1	4	9	16
Total	3	1	0	3	20	35	110	172

Source: Minnesota Department of Health, Center for Health Statistics

Lac Qui Parle County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	2	2
Cancer	0	0	0	1	3	3	14	21
Cirrhosis	0	0	0	0	2	0	1	3
Chronic Lower Respiratory Disease	0	0	0	0	0	0	3	3
Diabetes	0	0	0	0	0	0	4	4
Heart Disease	0	0	0	0	3	2	25	30
Hypertension	0	0	0	0	0	0	1	1
Nephritis	0	0	0	0	0	0	3	3
Pneumonia and Influenza	0	0	0	0	1	0	3	4
Stroke	0	0	0	0	0	1	4	5
Suicide	0	0	1	0	1	0	0	2
Unintentional Injury	0	0	1	0	1	0	3	5
Other	0	0	0	0	0	2	22	24
Total	0	0	2	1	11	8	85	107

Source: Minnesota Department of Health, Center for Health Statistics

Lake County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	7	7
Cancer	0	0	0	1	5	13	14	33
Cirrhosis	0	0	0	0	1	0	0	1
Congenital Anomalies	0	0	1	0	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	0	1	2	3
Diabetes	0	0	0	0	1	1	0	2
Heart Disease	0	0	0	0	2	3	17	22
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	0	0	8	8
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	1	2	12	15
Unintentional Injury	0	0	0	1	1	0	0	2
Other	1	0	0	0	3	5	11	20
Total	2	0	1	2	14	25	72	116

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Lake of the Woods County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Cancer	0	0	0	0	2	2	6	10
Congenital Anomalies	1	0	0	0	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	2	1	3	6
Heart Disease	0	0	0	0	2	1	11	14
Hypertension	0	0	0	0	0	0	1	1
Nephritis	0	0	0	1	0	0	1	2
Pneumonia and Influenza	0	0	0	0	0	0	2	2
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	1	1	2	4
Unintentional Injury	0	0	0	2	0	0	1	3
Other	0	0	0	0	0	1	3	4
Total	1	0	0	3	7	6	31	48

Source: Minnesota Department of Health, Center for Health Statistics

Le Sueur County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	3	3
Cancer	0	0	0	1	12	23	23	59
Chronic Lower Respiratory Disease	0	0	0	0	1	1	7	9
Diabetes	0	0	1	0	0	1	5	7
Heart Disease	1	0	0	1	6	10	40	58
Hypertension	0	0	0	0	0	0	1	1
Nephritis	0	0	0	0	1	0	2	3
Pneumonia and Influenza	0	0	0	0	1	0	3	4
Stroke	0	0	0	1	2	2	15	20
Suicide	0	0	2	2	0	0	0	4
Unintentional Injury	0	0	3	0	4	0	4	11
Other	1	0	0	0	4	6	33	44
Total	2	0	6	5	31	43	136	223

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Lincoln County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	8	8
Atherosclerosis	0	0	0	0	0	0	2	2
Cancer	0	0	0	0	5	2	13	20
Chronic Lower Respiratory Disease	0	0	0	0	0	1	4	5
Diabetes	0	0	0	0	0	2	1	3
Heart Disease	0	0	0	0	2	1	23	26
Homicide	0	0	0	0	1	0	0	1
Hypertension	0	0	0	0	0	0	1	1
Nephritis	0	0	0	0	0	1	1	2
Pneumonia and Influenza	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	1	0	10	11
Suicide	0	0	0	1	0	0	0	1
Unintentional Injury	0	0	0	1	2	0	0	3
Other	0	0	0	0	0	0	9	9
Total	0	0	0	2	11	7	73	93

Source: Minnesota Department of Health, Center for Health Statistics

Lyon County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	4	4
Cancer	0	0	0	3	7	9	38	57
Cirrhosis	0	0	0	0	1	1	0	2
Congenital Anomalies	2	0	0	0	0	0	0	2
Chronic Lower Respiratory Disease	0	0	0	0	1	0	11	12
Diabetes	0	0	0	0	0	0	5	5
Heart Disease	0	0	0	0	7	5	51	63
Homicide	0	0	1	0	0	0	0	1
Nephritis	0	0	0	0	0	0	2	2
Pneumonia and Influenza	0	0	0	0	0	0	7	7
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	0	0	26	26
Suicide	0	0	0	1	0	0	0	1
Unintentional Injury	1	0	1	3	2	0	5	12
Other	2	0	1	2	5	8	26	44
Total	5	0	3	9	23	23	176	239

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Mahnomen County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Cancer	0	0	0	1	4	3	9	17
Cirrhosis	0	0	0	0	0	0	1	1
Chronic Lower Respiratory Disease	0	0	0	0	0	0	1	1
Diabetes	0	0	0	0	2	1	2	5
Heart Disease	0	0	0	0	0	0	12	12
Hypertension	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	0	1	1	2
Unintentional Injury	0	0	1	0	1	1	1	4
Other	0	0	0	0	0	1	6	7
Total	0	0	1	1	7	7	34	50

Source: Minnesota Department of Health, Center for Health Statistics

Marshall County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Cancer	0	0	0	1	7	5	15	28
Chronic Lower Respiratory Disease	0	0	0	0	0	1	1	2
Diabetes	0	0	0	0	1	0	2	3
Heart Disease	0	0	0	0	2	4	25	31
Hypertension	0	0	0	1	1	0	1	3
Nephritis	0	0	0	0	0	0	1	1
Pneumonia and Influenza	0	0	0	0	0	1	1	2
Septicemia	0	0	0	0	0	1	0	1
Stroke	0	0	0	0	1	0	4	5
Suicide	0	0	0	0	1	0	0	1
Unintentional Injury	0	0	1	2	4	0	6	13
Other	0	0	0	0	1	2	12	15
Total	0	0	1	4	18	14	68	105

Source: Minnesota Department of Health, Center for Health Statistics

Martin County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	2	13	15
Atherosclerosis	0	0	0	0	0	0	4	4
Cancer	0	0	1	1	11	19	39	71
Chronic Lower Respiratory Disease	0	0	0	0	0	3	5	8
Diabetes	0	0	0	0	1	0	8	9
Heart Disease	0	0	0	1	8	6	41	56
Hypertension	0	0	0	0	0	1	3	4
Nephritis	0	0	0	0	0	0	7	7
Pneumonia and Influenza	0	0	0	0	0	0	1	1
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	1	0	0	15	16
Unintentional Injury	0	0	1	1	1	0	4	7
Other	0	0	0	2	1	4	26	33
Total	0	0	2	6	22	35	167	232

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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McLeod County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	10	10
Atherosclerosis	0	0	0	0	0	0	7	7
Cancer	0	0	0	1	12	12	30	55
Cirrhosis	0	0	0	0	1	0	3	4
Congenital Anomalies	2	0	0	0	0	0	0	2
Chronic Lower Respiratory Disease	0	0	0	0	0	0	7	7
Diabetes	0	0	0	0	2	3	6	11
Heart Disease	1	0	0	1	7	10	51	70
Homicide	0	0	0	1	0	0	0	1
Hypertension	0	0	0	0	0	0	3	3
Nephritis	0	0	0	0	0	1	3	4
Perinatal Conditions	2	0	0	0	0	0	0	2
Pneumonia and Influenza	0	0	0	0	0	2	4	6
Septicemia	0	0	0	0	1	1	0	2
Stroke	0	0	0	0	2	2	34	38
Suicide	0	0	1	0	0	0	0	1
Unintentional Injury	0	0	3	2	0	2	3	10
Other	0	1	0	2	7	4	37	51
Total	5	1	4	7	32	37	198	284

Source: Minnesota Department of Health, Center for Health Statistics

Meeker County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	5	5
Atherosclerosis	0	0	0	0	0	0	1	1
Cancer	0	0	0	3	5	20	26	54
Congenital Anomalies	0	0	0	1	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	1	1	11	13
Diabetes	0	0	0	0	1	1	6	8
Heart Disease	0	0	0	1	9	5	48	63
Homicide	0	0	0	1	0	0	0	1
Hypertension	0	0	0	0	0	0	2	2
Nephritis	0	0	0	0	0	0	3	3
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	0	0	2	2
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	1	3	15	19
Suicide	0	0	0	2	0	0	0	2
Unintentional Injury	1	2	0	3	3	2	1	12
Other	0	0	0	0	3	8	33	44
Total	2	2	0	11	23	40	154	232

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Mille Lacs County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	3	3
Cancer	0	0	1	2	12	19	31	65
Cirrhosis	0	0	0	1	1	2	2	6
Chronic Lower Respiratory Disease	0	0	0	0	1	2	9	12
Diabetes	0	0	0	0	0	2	4	6
Heart Disease	0	0	0	1	3	12	51	67
Hypertension	0	0	0	0	0	1	0	1
Nephritis	0	0	0	0	0	0	2	2
Pneumonia and Influenza	0	0	0	0	0	0	9	9
Septicemia	0	0	0	0	0	0	5	5
Stroke	0	0	0	1	0	1	10	12
Suicide	0	0	0	1	1	0	0	2
Unintentional Injury	0	0	0	4	5	2	7	18
Other	0	1	0	1	7	4	32	45
Total	0	1	1	11	30	45	165	253

Source: Minnesota Department of Health, Center for Health Statistics

Morrison County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	1	0	5	6
Atherosclerosis	0	0	0	0	0	0	1	1
Cancer	0	0	0	1	15	23	38	77
Cirrhosis	0	0	0	0	1	0	2	3
Chronic Lower Respiratory Disease	0	0	0	0	0	4	20	24
Diabetes	0	0	0	1	2	0	6	9
Heart Disease	0	0	0	0	8	11	61	80
Hypertension	0	0	0	0	0	0	1	1
Nephritis	0	0	0	0	1	0	8	9
Perinatal Conditions	3	0	0	0	0	0	0	3
Pneumonia and Influenza	0	0	1	0	0	0	9	10
Septicemia	0	0	0	0	0	0	2	2
Stroke	0	0	0	0	2	0	16	18
Suicide	0	0	1	3	1	1	2	8
Unintentional Injury	0	0	3	2	3	0	4	12
Other	1	0	0	3	5	4	29	42
Total	4	0	5	10	39	43	204	305

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Mower County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	14	14
Atherosclerosis	0	0	0	0	0	1	1	2
Cancer	0	0	2	4	18	29	56	109
Cirrhosis	0	0	0	0	1	0	3	4
Congenital Anomalies	0	0	0	0	1	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	0	3	20	23
Diabetes	0	0	0	1	1	3	9	14
Heart Disease	0	0	0	0	10	14	98	122
Hypertension	0	0	0	0	0	0	7	7
Nephritis	0	0	0	0	0	1	6	7
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	0	0	5	5
Septicemia	0	0	0	1	0	1	1	3
Stroke	0	0	0	0	0	3	27	30
Suicide	0	0	1	1	1	0	1	4
Unintentional Injury	0	0	3	0	3	1	5	12
Other	1	0	0	1	7	3	46	58
Total	2	0	6	8	42	59	299	416

Source: Minnesota Department of Health, Center for Health Statistics

Murray County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Cancer	0	0	0	0	2	6	13	21
Chronic Lower Respiratory Disease	0	0	0	0	0	0	7	7
Diabetes	0	0	0	0	0	0	4	4
Heart Disease	0	0	0	1	0	9	37	47
Pneumonia and Influenza	0	0	0	0	0	0	3	3
Stroke	0	0	0	0	2	1	10	13
Suicide	0	0	0	0	0	0	1	1
Unintentional Injury	0	0	0	0	0	0	1	1
Other	0	0	0	1	2	2	9	14
Total	0	0	0	2	6	18	85	111

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Nicollet County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	7	7
Cancer	0	0	0	1	9	17	28	55
Cirrhosis	0	0	0	0	2	0	0	2
Congenital Anomalies	1	0	0	0	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	1	1	6	8
Diabetes	0	0	0	0	0	4	3	7
Heart Disease	0	0	0	1	2	5	27	35
Hypertension	0	0	0	0	0	0	2	2
Nephritis	0	0	0	0	1	0	2	3
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	0	0	1	1
Septicemia	0	0	0	0	0	0	2	2
Stroke	0	0	0	0	0	1	11	12
Suicide	0	0	0	1	0	0	0	1
Unintentional Injury	1	0	1	1	0	0	2	5
Other	0	0	0	0	1	3	12	16
Total	3	0	1	4	16	31	103	158

Source: Minnesota Department of Health, Center for Health Statistics

Nobles County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	5	5
Atherosclerosis	0	0	0	0	0	0	3	3
Cancer	0	0	0	0	7	10	26	43
Cirrhosis	0	0	0	0	0	0	1	1
Congenital Anomalies	2	0	1	0	1	0	0	4
Chronic Lower Respiratory Disease	0	0	0	0	0	3	13	16
Diabetes	0	0	0	1	0	0	2	3
Heart Disease	0	0	0	1	3	3	36	43
Hypertension	0	0	0	0	0	0	2	2
Nephritis	0	0	0	0	0	1	3	4
Pneumonia and Influenza	0	0	0	0	0	0	5	5
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	0	2	12	14
Suicide	0	0	1	1	0	0	1	3
Unintentional Injury	0	0	1	1	0	0	3	5
Other	1	0	0	2	4	4	21	32
Total	3	0	3	6	15	23	134	184

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Norman County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	2	2
Cancer	0	0	0	0	1	7	13	21
Chronic Lower Respiratory Disease	0	0	0	0	0	0	8	8
Diabetes	0	0	0	0	0	0	2	2
Heart Disease	0	0	0	0	2	4	12	18
Homicide	0	0	0	1	0	0	0	1
Hypertension	0	0	0	0	0	1	1	2
Nephritis	0	0	0	0	0	0	4	4
Pneumonia and Influenza	0	0	0	0	0	0	2	2
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	0	1	6	7
Unintentional Injury	0	0	3	0	1	0	1	5
Other	0	0	0	1	2	1	13	17
Total	0	0	3	2	6	14	65	90

Source: Minnesota Department of Health, Center for Health Statistics

Olmsted County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
AIDS/HIV	0	0	0	3	2	0	0	5
Alzheimer's Disease	0	0	0	0	0	0	12	12
Cancer	0	1	0	10	55	31	99	196
Cirrhosis	0	0	0	0	3	3	0	6
Congenital Anomalies	4	0	0	0	1	0	1	6
Chronic Lower Respiratory Disease	0	0	1	1	6	9	26	43
Diabetes	0	0	0	0	3	0	13	16
Heart Disease	0	0	0	2	17	20	152	191
Homicide	0	0	2	0	1	0	0	3
Hypertension	0	0	0	0	1	1	3	5
Nephritis	0	0	0	0	0	3	6	9
Perinatal Conditions	5	0	0	0	0	0	0	5
Pneumonia and Influenza	0	0	0	0	0	2	15	17
Septicemia	0	0	0	0	1	0	2	3
SIDS	1	0	0	0	0	0	0	1
Stroke	0	0	0	0	2	6	60	68
Suicide	0	0	1	3	3	0	1	8
Unintentional Injury	0	0	10	6	3	2	21	42
Other	1	0	2	10	13	20	96	141
Total	11	1	16	35	111	97	506	777

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Otter Tail County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	1	19	20
Atherosclerosis	0	0	0	0	0	0	9	9
Cancer	0	0	1	6	43	44	71	165
Cirrhosis	0	0	0	0	2	1	0	3
Congenital Anomalies	2	0	0	0	2	1	0	5
Chronic Lower Respiratory Disease	0	0	0	0	0	7	19	26
Diabetes	0	0	0	0	3	1	17	21
Heart Disease	0	0	0	3	21	23	115	162
Hypertension	0	0	0	0	0	0	2	2
Nephritis	0	0	0	0	0	0	9	9
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	1	0	0	0	0	15	16
Septicemia	0	0	0	0	0	0	3	3
Stroke	0	0	0	0	7	4	48	59
Suicide	0	0	1	1	1	1	1	5
Unintentional Injury	0	2	2	8	8	0	9	29
Other	2	0	1	2	12	12	77	106
Total	5	3	5	20	99	95	414	641

Source: Minnesota Department of Health, Center for Health Statistics

Pennington County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	7	7
Cancer	0	0	0	1	9	12	17	39
Cirrhosis	0	0	0	1	1	0	0	2
Chronic Lower Respiratory Disease	0	0	0	0	0	0	7	7
Diabetes	0	0	0	0	0	1	0	1
Heart Disease	1	0	0	0	3	4	24	32
Hypertension	0	0	0	0	0	0	2	2
Nephritis	0	0	0	0	0	0	2	2
Pneumonia and Influenza	0	0	0	0	0	0	2	2
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	0	3	8	11
Suicide	0	0	1	0	1	0	0	2
Unintentional Injury	1	0	0	1	1	1	5	9
Other	0	0	0	1	2	5	24	32
Total	2	0	1	4	17	26	99	149

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Pine County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
AIDS/HIV	0	0	0	0	1	0	0	1
Alzheimer's Disease	0	0	0	0	0	0	7	7
Cancer	0	0	0	1	22	17	26	66
Cirrhosis	0	0	0	0	2	1	0	3
Congenital Anomalies	0	1	0	0	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	1	3	5	8	17
Diabetes	0	0	0	0	2	1	11	14
Heart Disease	0	0	0	2	10	15	41	68
Hypertension	0	0	0	1	0	0	0	1
Homicide	0	0	0	0	1	0	0	1
Nephritis	0	0	0	0	1	0	3	4
Perinatal Conditions	2	0	0	0	0	0	0	2
Pneumonia and Influenza	0	0	0	1	0	0	1	2
Septicemia	0	0	0	0	0	0	1	1
SIDS	1	0	0	0	0	0	0	1
Stroke	1	0	0	0	2	2	11	16
Suicide	0	0	0	1	2	0	1	4
Unintentional Injury	1	2	4	4	3	1	0	15
Other	0	0	1	3	5	9	23	41
Total	5	3	5	14	54	51	133	265

Source: Minnesota Department of Health, Center for Health Statistics

Pipestone County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	5	5
Cancer	0	0	0	0	4	5	15	24
Cirrhosis	0	0	0	0	0	1	0	1
Congenital Anomalies	0	1	0	0	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	0	2	2	4
Diabetes	0	0	0	1	0	0	2	3
Heart Disease	0	0	0	0	0	3	23	26
Hypertension	0	0	0	0	0	0	1	1
Nephritis	0	0	0	0	0	0	3	3
Pneumonia and Influenza	0	0	0	0	0	1	6	7
Septicemia	1	0	0	0	0	0	1	2
Stroke	0	0	0	1	0	1	8	10
Suicide	0	0	1	0	0	0	1	2
Unintentional Injury	0	0	0	5	0	0	1	6
Other	0	0	0	0	2	4	27	33
Total	1	1	1	7	6	17	95	128

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Polk County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	10	10
Atherosclerosis	0	0	0	0	0	0	2	2
Cancer	0	0	0	2	18	17	33	70
Cirrhosis	0	0	0	0	1	0	0	1
Congenital Anomalies	0	0	0	1	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	0	3	11	14
Diabetes	0	0	0	0	6	3	12	21
Heart Disease	0	0	0	1	6	25	60	92
Hypertension	0	0	0	0	0	1	2	3
Nephritis	0	0	0	0	0	1	3	4
Pneumonia and Influenza	0	0	0	0	0	1	4	5
Stroke	0	0	0	0	1	4	29	34
Suicide	0	0	2	1	1	0	0	4
Unintentional Injury	0	0	1	2	3	0	6	12
Other	0	0	0	0	9	10	52	71
Total	0	0	3	7	45	65	224	344

Source: Minnesota Department of Health, Center for Health Statistics

Pope County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	1	9	10
Atherosclerosis	0	0	0	0	0	0	1	1
Cancer	0	0	0	2	5	10	17	34
Chronic Lower Respiratory Disease	0	0	0	0	2	1	5	8
Diabetes	0	0	0	0	0	0	3	3
Heart Disease	1	0	0	0	1	7	28	37
Homicide	0	0	1	0	0	0	0	1
Hypertension	0	0	0	0	0	1	0	1
Nephritis	0	0	0	0	1	1	2	4
Pneumonia and Influenza	0	0	0	0	0	0	3	3
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	0	0	12	12
Suicide	0	0	0	1	0	0	1	2
Unintentional Injury	0	0	0	0	0	0	2	2
Other	0	0	0	0	3	3	29	35
Total	1	0	1	3	12	24	113	154

Source: Minnesota Department of Health, Center for Health Statistics

**Mortality Table 1: Minnesota Leading Causes of Death by Age Group
by State and County, 2000**

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Ramsey County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
AIDS/HIV	0	0	0	10	6	0	0	16
Alzheimer's Disease	0	0	0	0	3	4	118	125
Atherosclerosis	0	0	0	0	0	3	13	16
Cancer	1	4	4	29	224	247	473	982
Cirrhosis	0	0	0	2	19	11	10	42
Congenital Anomalies	15	1	0	0	6	3	3	28
Chronic Lower Respiratory Disease	2	1	1	3	23	50	126	206
Diabetes	0	0	0	5	21	32	63	121
Heart Disease	0	1	2	28	99	113	592	835
Homicide	1	1	7	18	3	1	3	34
Hypertension	0	0	0	0	5	8	43	56
Nephritis	0	0	0	1	10	16	60	87
Perinatal Conditions	18	0	0	0	0	0	0	18
Pneumonia and Influenza	0	0	0	0	5	10	77	92
Septicemia	1	0	0	0	3	3	16	23
SIDS	1	0	0	0	0	0	0	1
Stroke	1	0	0	4	22	36	276	339
Suicide	0	2	6	21	19	2	2	52
Unintentional Injury	1	3	16	28	27	14	56	145
Other	14	1	6	33	104	106	662	926
Total	55	14	42	182	599	659	2,593	4,144

Source: Minnesota Department of Health, Center for Health Statistics

Red Lake County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	2	2
Cancer	0	0	0	0	3	1	3	7
Chronic Lower Respiratory Disease	0	0	0	0	0	0	2	2
Diabetes	0	0	0	0	0	2	1	3
Heart Disease	0	0	0	0	2	3	9	14
Hypertension	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	1	1	10	12
Suicide	0	0	1	0	0	0	0	1
Other	0	0	0	0	0	0	4	4
Total	0	0	1	0	6	7	32	46

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Redwood County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	1	11	12
Atherosclerosis	0	0	0	0	0	0	2	2
Cancer	0	0	0	2	8	11	27	48
Cirrhosis	0	0	0	0	1	1	0	2
Chronic Lower Respiratory Disease	0	0	0	0	1	4	1	6
Diabetes	0	0	0	0	0	1	8	9
Heart Disease	0	0	0	2	4	10	33	49
Hypertension	0	0	0	0	0	2	1	3
Nephritis	0	0	0	0	1	1	10	12
Pneumonia and Influenza	0	0	0	0	0	0	4	4
Septicemia	0	0	0	0	0	1	0	1
Stroke	0	0	0	0	1	3	20	24
Suicide	0	0	0	3	0	0	0	3
Unintentional Injury	0	0	3	3	0	0	2	8
Other	0	0	0	1	5	2	18	26
Total	0	0	3	11	21	37	137	209

Source: Minnesota Department of Health, Center for Health Statistics

Renville County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	6	6
Atherosclerosis	0	0	0	0	0	0	2	2
Cancer	0	0	0	1	12	11	35	59
Chronic Lower Respiratory Disease	0	0	0	0	0	3	5	8
Diabetes	0	0	0	1	2	1	7	11
Heart Disease	1	0	0	2	3	8	53	67
Homicide	0	0	0	1	0	0	0	1
Hypertension	0	0	0	0	0	0	2	2
Nephritis	0	0	0	0	1	0	7	8
Pneumonia and Influenza	0	0	0	0	0	0	6	6
Septicemia	0	0	0	0	0	1	1	2
Stroke	0	0	0	1	2	2	13	18
Suicide	0	0	0	1	0	0	0	1
Unintentional Injury	0	1	3	3	1	2	1	11
Other	1	0	0	1	0	3	16	21
Total	2	1	3	11	21	31	154	223

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Rice County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	1	13	14
Cancer	1	0	0	3	18	22	48	92
Cirrhosis	0	0	0	1	1	0	0	2
Congenital Anomalies	1	0	0	0	0	0	0	1
Chronic Lower Respiratory Disease	0	0	1	0	1	2	18	22
Diabetes	0	0	0	0	1	2	8	11
Heart Disease	0	0	0	1	9	9	73	92
Hypertension	0	0	0	0	0	1	2	3
Nephritis	0	0	0	0	1	0	6	7
Perinatal Conditions	2	0	0	0	0	0	0	2
Pneumonia and Influenza	0	0	0	0	0	1	11	12
Septicemia	0	0	0	0	0	1	0	1
Stroke	0	0	0	0	4	1	21	26
Suicide	0	0	1	1	2	0	0	4
Unintentional Injury	1	0	6	4	8	3	6	28
Other	2	0	0	4	3	4	62	75
Total	7	0	8	14	48	47	268	392

Source: Minnesota Department of Health, Center for Health Statistics

Rock County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	2	6	8
Cancer	0	0	0	0	3	5	16	24
Chronic Lower Respiratory Disease	0	0	0	0	0	1	5	6
Diabetes	0	0	0	0	0	3	1	4
Heart Disease	0	0	0	0	1	6	30	37
Nephritis	0	0	0	0	0	0	2	2
Pneumonia and Influenza	0	0	0	0	0	1	1	2
Septicemia	0	0	0	0	1	0	0	1
Stroke	0	0	0	0	0	2	13	15
Suicide	0	0	0	0	0	0	1	1
Unintentional Injury	0	0	0	1	0	1	2	4
Other	1	0	0	0	0	2	12	15
Total	1	0	0	1	5	23	89	119

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Roseau County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	10	10
Atherosclerosis	0	0	0	0	0	0	1	1
Cancer	0	0	0	1	8	7	19	35
Congenital Anomalies	1	0	0	0	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	0	4	0	4
Diabetes	0	0	0	0	0	1	2	3
Heart Disease	1	0	0	1	4	7	33	46
Hypertension	0	0	0	0	0	0	1	1
Nephritis	0	0	0	0	0	1	3	4
Pneumonia and Influenza	0	0	0	0	0	1	1	2
Septicemia	0	0	0	0	1	0	0	1
SIDS	1	0	0	0	0	0	0	1
Stroke	0	0	0	0	0	2	8	10
Unintentional Injury	1	0	3	1	0	0	3	8
Other	0	0	0	0	1	2	14	17
Total	4	0	3	3	14	25	95	144

Source: Minnesota Department of Health, Center for Health Statistics

Scott County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	9	9
Atherosclerosis	0	0	0	0	0	0	4	4
Cancer	1	1	0	8	38	26	30	104
Cirrhosis	0	0	0	0	2	1	0	3
Congenital Anomalies	3	0	0	1	0	0	0	4
Chronic Lower Respiratory Disease	0	0	0	0	2	4	10	16
Diabetes	0	0	0	0	3	1	6	10
Heart Disease	0	0	0	5	11	12	46	74
Homicide	0	0	0	0	1	0	0	1
Hypertension	0	0	0	0	1	4	3	8
Nephritis	0	0	0	0	0	0	5	5
Perinatal Conditions	3	0	0	0	0	0	0	3
Pneumonia and Influenza	0	0	0	0	0	1	7	8
Stroke	0	0	0	0	1	5	33	39
Suicide	0	0	0	3	2	1	0	6
Unintentional Injury	0	2	3	5	2	1	9	22
Other	2	1	2	6	10	9	32	62
Total	9	4	5	28	73	65	194	378

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Sherburne County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	8	8
Atherosclerosis	0	0	0	0	0	0	1	1
Cancer	0	1	0	10	28	15	32	86
Cirrhosis	0	0	0	1	0	1	2	4
Congenital Anomalies	2	0	0	1	0	0	0	3
Chronic Lower Respiratory Disease	0	0	0	0	1	4	13	18
Diabetes	0	0	0	1	0	2	9	12
Heart Disease	0	0	0	0	6	4	60	70
Hypertension	0	0	0	0	0	1	0	1
Nephritis	0	0	1	0	0	1	4	6
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	0	0	6	6
Septicemia	0	0	0	1	0	0	1	2
Stroke	0	0	0	0	0	1	16	17
Suicide	0	0	2	5	1	0	0	8
Unintentional Injury	1	1	2	3	2	0	3	12
Other	1	0	0	4	6	6	51	68
Total	5	2	5	26	44	35	206	323

Source: Minnesota Department of Health, Center for Health Statistics

Sibley County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	3	3
Atherosclerosis	0	0	0	0	0	0	1	1
Cancer	0	0	0	0	7	8	17	32
Cirrhosis	0	0	0	0	2	0	0	2
Chronic Lower Respiratory Disease	0	0	0	0	1	0	4	5
Diabetes	0	0	0	1	0	0	4	5
Heart Disease	0	0	0	1	4	10	41	56
Hypertension	0	0	0	0	0	0	2	2
Nephritis	0	0	0	0	0	1	2	3
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	0	0	1	1
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	0	3	12	15
Unintentional Injury	0	1	2	4	2	0	4	13
Other	0	0	0	1	3	3	17	24
Total	1	1	2	7	19	25	109	164

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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St. Louis County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
AIDS/HIV	0	0	0	1	2	0	0	3
Alzheimer's Disease	0	0	0	0	1	6	79	86
Atherosclerosis	0	0	0	0	0	0	7	7
Cancer	0	0	1	9	101	122	272	505
Cirrhosis	0	0	0	3	12	10	2	27
Congenital Anomalies	4	0	1	0	0	0	0	5
Chronic Lower Respiratory Disease	0	0	1	1	18	27	82	129
Diabetes	0	0	0	1	11	19	46	77
Heart Disease	0	0	0	8	52	78	432	570
Homicide	1	0	2	4	0	1	0	8
Hypertension	0	0	0	0	1	1	10	12
Nephritis	0	0	0	0	0	2	37	39
Perinatal Conditions	7	0	0	0	0	0	0	7
Pneumonia and Influenza	0	0	0	1	3	6	52	62
Septicemia	1	0	0	1	1	0	13	16
Stroke	0	0	0	2	11	22	103	138
Suicide	0	0	4	14	8	2	1	29
Unintentional Injury	1	1	9	18	17	6	31	83
Other	1	0	1	17	33	53	266	371
Total	15	1	19	80	271	355	1,433	2,174

Source: Minnesota Department of Health, Center for Health Statistics

Stearns County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
AIDS/HIV	0	0	0	1	0	0	0	1
Alzheimer's Disease	0	0	0	0	0	2	22	24
Atherosclerosis	0	0	0	0	0	3	4	7
Cancer	0	0	2	9	42	54	99	206
Cirrhosis	0	0	0	2	4	1	2	9
Congenital Anomalies	3	1	1	1	2	0	1	9
Chronic Lower Respiratory Disease	0	0	0	0	4	7	36	47
Diabetes	0	0	0	1	5	4	7	17
Heart Disease	0	0	1	3	18	41	153	216
Homicide	1	0	0	1	1	0	0	3
Hypertension	0	0	0	0	0	0	4	4
Nephritis	0	0	0	0	0	1	11	12
Perinatal Conditions	7	0	0	0	0	0	0	7
Pneumonia and Influenza	0	0	0	0	0	2	8	10
Septicemia	0	0	0	0	0	0	5	5
Stroke	0	0	0	1	5	12	40	58
Suicide	0	0	1	4	1	1	2	9
Unintentional Injury	0	2	9	15	9	1	5	41
Other	1	3	4	6	15	15	101	145
Total	12	6	18	44	106	144	500	830

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Steele County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	3	12	15
Cancer	0	0	0	2	10	10	30	52
Cirrhosis	0	0	0	0	2	0	1	3
Congenital Anomalies	2	0	0	0	0	0	0	2
Chronic Lower Respiratory Disease	0	0	0	0	2	1	12	15
Diabetes	0	0	0	0	1	1	7	9
Heart Disease	0	0	0	0	7	10	45	62
Hypertension	0	0	0	0	0	0	3	3
Nephritis	0	0	0	0	0	0	4	4
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	1	1	1	5	8
Septicemia	0	0	0	0	1	0	1	2
SIDS	1	0	0	0	0	0	0	1
Stroke	0	0	0	0	3	0	8	11
Suicide	0	0	1	0	0	0	0	1
Unintentional Injury	0	0	0	7	1	0	4	12
Other	0	1	0	2	5	3	38	49
Total	4	1	1	12	33	29	170	250

Source: Minnesota Department of Health, Center for Health Statistics

Stevens County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	3	3
Atherosclerosis	0	0	0	0	0	0	1	1
Cancer	0	0	0	0	7	4	10	21
Chronic Lower Respiratory Disease	0	0	0	0	0	0	2	2
Diabetes	0	0	0	0	0	0	1	1
Heart Disease	0	0	0	0	1	5	16	22
Hypertension	0	0	0	0	0	0	1	1
Nephritis	0	0	0	0	0	0	4	4
Pneumonia and Influenza	0	0	0	0	0	0	8	8
Stroke	0	0	0	0	0	1	5	6
Unintentional Injury	0	1	0	0	0	1	3	5
Other	0	0	0	0	0	4	25	29
Total	0	1	0	0	8	15	79	103

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Swift County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	3	3
Atherosclerosis	0	0	0	0	0	0	1	1
Cancer	0	0	1	0	4	5	22	32
Congenital Anomalies	1	0	0	0	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	0	2	2	4
Diabetes	0	0	0	0	1	2	4	7
Heart Disease	0	0	0	0	3	2	35	40
Hypertension	0	0	0	0	0	0	2	2
Nephritis	0	0	0	0	0	1	2	3
Pneumonia and Influenza	0	0	0	0	0	1	2	3
Stroke	0	0	0	1	0	2	17	20
Suicide	0	0	0	1	1	0	0	2
Unintentional Injury	0	0	0	0	0	0	5	5
Other	0	0	0	0	2	2	8	12
Total	1	0	1	2	11	17	103	135

Source: Minnesota Department of Health, Center for Health Statistics

Todd County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	2	2
Cancer	0	0	1	1	11	15	22	50
Cirrhosis	0	0	0	0	0	1	0	1
Congenital Anomalies	2	0	0	0	0	0	0	2
Chronic Lower Respiratory Disease	0	0	0	0	0	3	10	13
Diabetes	0	0	0	0	1	2	6	9
Heart Disease	0	0	0	1	3	6	29	39
Homicide	0	0	0	1	0	0	1	2
Hypertension	0	0	0	0	0	0	2	2
Nephritis	0	0	0	0	0	1	3	4
Perinatal Conditions	1	0	0	0	0	0	0	1
Pneumonia and Influenza	0	0	0	0	0	0	2	2
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	1	0	0	15	16
Suicide	0	0	0	3	0	0	0	3
Unintentional Injury	0	0	0	3	1	0	4	8
Other	1	0	0	3	7	12	39	62
Total	4	0	1	13	23	40	136	217

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Traverse County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	1	1
Atherosclerosis	0	0	0	0	0	0	1	1
Cancer	0	0	0	0	3	7	10	20
Chronic Lower Respiratory Disease	0	0	0	0	0	0	1	1
Diabetes	0	0	0	0	0	0	1	1
Heart Disease	0	0	0	0	2	3	19	24
Septicemia	0	0	0	0	0	1	0	1
Stroke	0	0	0	0	0	0	2	2
Suicide	0	0	1	0	0	0	0	1
Unintentional Injury	1	0	0	0	0	0	1	2
Other	1	0	0	1	2	1	1	6
Total	2	0	1	1	7	12	37	60

Source: Minnesota Department of Health, Center for Health Statistics

Wabasha County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	0	4	4
Cancer	0	0	0	1	10	10	21	42
Cirrhosis	0	0	0	0	1	0	0	1
Congenital Anomalies	1	0	0	0	0	0	0	1
Chronic Lower Respiratory Disease	0	0	0	0	0	2	9	11
Diabetes	0	0	0	0	0	0	7	7
Heart Disease	1	0	0	0	3	7	31	42
Hypertension	0	0	0	0	1	1	1	3
Nephritis	0	0	0	0	0	0	5	5
Pneumonia and Influenza	0	0	0	0	1	0	2	3
Septicemia	1	0	0	0	0	0	0	1
Stroke	0	0	0	0	0	0	9	9
Unintentional Injury	0	1	1	1	1	0	6	10
Other	0	0	0	0	0	5	25	30
Total	3	1	1	2	17	25	120	169

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Wadena County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	10	10
Atherosclerosis	0	0	0	0	0	0	1	1
Cancer	0	0	0	1	12	12	24	49
Chronic Lower Respiratory Disease	0	0	0	0	1	1	7	9
Diabetes	0	0	0	0	0	1	6	7
Heart Disease	0	0	0	0	4	8	31	43
Hypertension	0	0	0	0	0	0	2	2
Nephritis	0	0	0	0	0	1	2	3
Pneumonia and Influenza	0	0	0	0	0	0	7	7
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	0	4	12	16
Suicide	0	0	1	1	0	0	0	2
Unintentional Injury	1	0	1	5	0	1	2	10
Other	0	0	0	0	3	7	21	31
Total	1	0	2	7	20	35	126	191

Source: Minnesota Department of Health, Center for Health Statistics

Waseca County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	1	4	5
Cancer	0	0	0	2	11	13	22	48
Cirrhosis	0	0	0	0	0	0	1	1
Chronic Lower Respiratory Disease	0	0	0	0	2	2	9	13
Diabetes	0	0	0	0	1	1	6	8
Heart Disease	0	0	0	0	4	6	44	54
Homicide	0	0	0	0	1	1	0	2
Nephritis	0	0	0	0	0	0	4	4
Pneumonia and Influenza	0	0	0	0	0	2	2	4
Septicemia	0	0	0	0	0	0	1	1
Stroke	0	0	0	0	0	1	10	11
Unintentional Injury	1	0	2	2	2	0	2	9
Other	0	0	0	1	1	5	20	27
Total	1	0	2	5	22	32	125	187

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Washington County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
AIDS/HIV	0	0	0	1	0	0	0	1
Alzheimer's Disease	0	0	0	0	0	3	30	33
Atherosclerosis	0	0	0	0	0	2	5	7
Cancer	0	2	1	13	81	56	117	270
Cirrhosis	0	0	0	2	6	5	2	15
Congenital Anomalies	2	0	1	0	2	0	0	5
Chronic Lower Respiratory Disease	0	0	0	0	6	14	35	55
Diabetes	0	0	0	2	4	11	31	48
Heart Disease	0	0	1	6	27	34	151	219
Homicide	0	0	1	2	0	0	0	3
Hypertension	0	0	0	0	1	0	4	5
Nephritis	0	0	0	0	1	0	10	11
Perinatal Conditions	5	0	0	0	0	0	0	5
Pneumonia and Influenza	0	0	0	0	1	0	13	14
Septicemia	0	0	0	0	0	0	7	7
Stroke	0	0	0	1	8	7	52	68
Suicide	0	1	0	8	8	0	0	17
Unintentional Injury	0	1	11	15	9	2	14	52
Other	2	2	1	5	16	23	109	158
Total	9	6	16	55	170	157	580	993

Source: Minnesota Department of Health, Center for Health Statistics

Watonwan County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							All Ages
	0-4	5-14	15-24	25-44	45-64	65-74	75+	
Alzheimer's Disease	0	0	0	0	0	1	2	3
Cancer	0	0	0	1	6	8	15	30
Cirrhosis	0	0	0	0	0	1	1	2
Chronic Lower Respiratory Disease	0	0	0	0	0	1	5	6
Diabetes	0	0	0	0	1	0	5	6
Heart Disease	0	0	0	0	4	7	35	46
Hypertension	0	0	0	0	0	0	1	1
Nephritis	0	0	0	0	0	0	1	1
Pneumonia and Influenza	0	0	0	0	0	1	4	5
Stroke	0	0	0	0	0	5	8	13
Unintentional Injury	0	0	1	2	0	0	2	5
Other	0	0	0	0	2	3	16	21
Total	0	0	1	3	13	27	95	139

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Wilkin County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	2	2
Atherosclerosis	0	0	0	0	0	0	3	3
Cancer	0	0	0	0	3	5	9	17
Chronic Lower Respiratory Disease	0	0	0	0	0	1	2	3
Diabetes	0	0	0	0	0	0	3	3
Heart Disease	0	0	0	0	1	2	10	13
Homicide	0	0	0	1	0	0	0	1
Nephritis	0	0	0	0	0	0	1	1
Perinatal Conditions	2	0	0	0	0	0	0	2
Pneumonia and Influenza	0	0	0	0	0	0	2	2
Stroke	0	0	0	0	0	1	8	9
Suicide	0	0	0	2	0	0	0	2
Unintentional Injury	0	0	0	0	1	0	1	2
Other	0	0	0	1	2	3	8	14
Total	2	0	0	4	7	12	49	74

Source: Minnesota Department of Health, Center for Health Statistics

Winona County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	1	21	22
Atherosclerosis	0	0	0	0	0	1	1	2
Cancer	0	0	0	5	11	17	53	86
Cirrhosis	0	0	0	0	0	1	1	2
Congenital Anomalies	1	0	1	0	2	0	0	4
Chronic Lower Respiratory Disease	0	0	0	1	0	3	17	21
Diabetes	0	0	0	0	1	2	5	8
Heart Disease	0	0	0	1	15	31	98	145
Homicide	0	0	0	1	0	0	0	1
Hypertension	0	0	0	0	0	0	4	4
Nephritis	0	0	0	0	0	2	2	4
Pneumonia and Influenza	0	0	1	0	0	1	6	8
Septicemia	0	0	0	0	0	0	4	4
SIDS	1	0	0	0	0	0	0	1
Stroke	0	0	0	0	2	2	21	25
Suicide	0	0	0	4	3	0	0	7
Unintentional Injury	1	1	1	3	1	1	5	13
Other	0	0	0	0	5	9	54	68
Total	3	1	3	15	40	71	292	425

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 1: Minnesota Leading Causes of Death by Age Group by State and County, 2000

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Wright County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	10	10
Cancer	0	0	2	7	33	31	57	130
Cirrhosis	0	0	0	2	3	1	0	6
Congenital Anomalies	0	2	1	0	0	1	0	4
Chronic Lower Respiratory Disease	0	0	0	1	1	4	17	23
Diabetes	0	0	0	0	4	3	13	20
Heart Disease	1	0	0	5	10	15	59	90
Homicide	1	0	1	0	0	0	0	2
Hypertension	0	0	0	0	0	2	3	5
Nephritis	0	0	0	0	1	2	8	11
Perinatal Conditions	2	0	0	0	0	0	0	2
Pneumonia and Influenza	0	0	0	0	0	1	6	7
Septicemia	0	0	0	0	1	0	2	3
Stroke	1	0	0	2	4	6	28	41
Suicide	0	1	2	2	1	0	0	6
Unintentional Injury	0	0	3	4	3	1	12	23
Other	2	1	1	2	12	11	63	92
Total	7	4	10	25	73	78	278	475

Source: Minnesota Department of Health, Center for Health Statistics

Yellow Medicine County - Leading Causes of Death by Age Group, 2000

Cause	Age Group							
	0-4	5-14	15-24	25-44	45-64	65-74	75+	All Ages
Alzheimer's Disease	0	0	0	0	0	0	7	7
Atherosclerosis	0	0	0	0	0	0	1	1
Cancer	0	0	0	3	5	8	11	27
Chronic Lower Respiratory Disease	0	0	0	0	0	2	4	6
Diabetes	0	0	0	0	0	0	2	2
Heart Disease	0	0	0	2	4	9	29	44
Hypertension	0	0	0	0	0	0	1	1
Nephritis	0	0	0	0	0	0	1	1
Pneumonia and Influenza	0	0	0	0	0	1	6	7
Septicemia	0	0	0	0	0	0	1	1
SIDS	1	0	0	0	0	0	0	1
Stroke	0	0	0	0	0	1	9	10
Suicide	0	0	0	1	0	0	1	2
Unintentional Injury	0	0	2	0	1	0	2	5
Other	0	0	0	0	1	3	13	17
Total	1	0	2	6	11	24	88	132

Source: Minnesota Department of Health, Center for Health Statistics

**Mortality Table 1: Minnesota Leading Causes of Death by Age Group
by State and County, 2000**

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Major Causes of Death	ICD-10 Codes
AIDS/HIV	B20-B24
Alzheimer's Disease	G30
Atherosclerosis	I70
Cancer [Malignant Neoplasms]	C00-C97
Chronic Lower Respiratory Disease	J40-J47
Cirrhosis	K70, K73-K74
Congenital Anomalies	Q00-Q99
Diabetes	E10-E14
Heart Disease	I00-I09, I11, I13, I20-I51
Homicide	X85-Y09, Y87.1
Hypertension	I10, I12
Nephritis	N00-N07, N17-N19, N25-N27
Perinatal Conditions	P00-P96
Pneumonia & Influenza	J10-J18
Septicemia	A40-A41
SIDS	R95
Stroke [Cerebrovascular Disease]	I60-I69
Suicide	X60-X84, Y87.0
Unintentional Injury	V01-X59, Y85-Y86
Other	All Other ICD10 Codes

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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State of Minnesota - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	29,100.0	Cancer	67,130.5
Cancer	28,782.5	Unintentional Injury	39,757.0
Heart Disease	14,402.5	Heart Disease	34,040.5
Suicide	10,370.0	Suicide	14,491.0
Congenital Anomalies	9,147.5	Congenital Anomalies	11,166.0
Perinatal Conditions	9,062.5	Perinatal Conditions	10,585.0
Homicide	4,465.0	Stroke	7,396.5
Stroke	3,245.0	Diabetes	6,406.0
Diabetes	2,785.0	Chronic Lower Respiratory Disease	6,286.0
Cirrhosis	2,757.5	Homicide	5,873.0
Chronic Lower Respiratory Disease	2,080.0	Cirrhosis	5,234.5
AIDS/HIV	1,565.0	AIDS/HIV	2,310.5
SIDS	1,250.0	Nephritis	2,047.0
Pneumonia and Influenza	1,060.0	Pneumonia and Influenza	2,044.0
Septicemia	1,012.5	Septicemia	1,634.5
Nephritis	912.5	SIDS	1,460.0
Hypertension	395.0	Hypertension	1,145.5
Alzheimer's Disease	50.0	Alzheimer's Disease	458.5
Atherosclerosis	35.0	Atherosclerosis	171.0
Other	22,410.0	Other	39,845.5
Total	144,887.5	Total	259,482.5

Source: Minnesota Department of Health, Center for Health Statistics

Aitkin County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	155.0	Cancer	363.0
Unintentional Injury	115.0	Heart Disease	188.0
Heart Disease	60.0	Unintentional Injury	146.5
Cirrhosis	35.0	Cirrhosis	45.5
Suicide	25.0	Suicide	41.0
Homicide	15.0	Chronic Lower Respiratory Disease	32.0
Diabetes	10.0	Diabetes	31.0
Alzheimer's Disease	5.0	Homicide	31.0
Chronic Lower Respiratory Disease	5.0	Alzheimer's Disease	15.5
Other	85.0	Septicemia	5.5
Total	510.0	Stroke	5.5
		Other	149.5
		Total	1,054.0

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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Anoka County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	1,907.5	Cancer	4,131.5
Unintentional Injury	1,485.0	Unintentional Injury	1,995.5
Heart Disease	997.5	Heart Disease	1,974.5
Congenital Anomalies	870.0	Congenital Anomalies	1,038.0
Suicide	525.0	Suicide	745.5
Perinatal Conditions	500.0	Perinatal Conditions	584.0
Homicide	352.5	Chronic Lower Respiratory Disease	471.0
Diabetes	185.0	Homicide	447.0
Chronic Lower Respiratory Disease	175.0	Diabetes	392.0
Cirrhosis	165.0	Cirrhosis	298.0
SIDS	125.0	Stroke	296.5
Stroke	115.0	Nephritis	160.5
Septicemia	90.0	Septicemia	154.0
Pneumonia and Influenza	85.0	SIDS	146.0
Nephritis	70.0	Pneumonia and Influenza	116.5
AIDS/HIV	25.0	Hypertension	47.5
Hypertension	10.0	AIDS/HIV	35.5
Other	1,222.5	Atherosclerosis	11.0
Total	8,905.0	Alzheimer's Disease	5.5
		Other	2,145.5
		Total	15,195.5

Source: Minnesota Department of Health, Center for Health Statistics

Becker County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	395.0	Unintentional Injury	548.0
Perinatal Conditions	250.0	Cancer	399.0
Cancer	110.0	Heart Disease	319.5
Heart Disease	105.0	Perinatal Conditions	292.0
Suicide	100.0	Suicide	142.0
Congenital Anomalies	92.5	Congenital Anomalies	124.0
SIDS	62.5	Stroke	114.0
Pneumonia and Influenza	45.0	SIDS	73.0
Stroke	45.0	Pneumonia and Influenza	61.0
Cirrhosis	15.0	Chronic Lower Respiratory Disease	37.5
Diabetes	15.0	Diabetes	31.0
Alzheimer's Disease	5.0	Alzheimer's Disease	26.5
Chronic Lower Respiratory Disease	5.0	Cirrhosis	25.5
Other	165.0	Nephritis	5.5
Total	1,410.0	Other	302.5
		Total	2,501.0

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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Beltrami County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	417.5	Unintentional Injury	549.0
Suicide	215.0	Cancer	458.0
Cancer	180.0	Suicide	294.0
Heart Disease	105.0	Heart Disease	286.5
Stroke	65.0	Stroke	129.5
Perinatal Conditions	62.5	Diabetes	104.0
SIDS	62.5	Perinatal Conditions	73.0
Diabetes	35.0	SIDS	73.0
Cirrhosis	25.0	Cirrhosis	35.5
Pneumonia and Influenza	15.0	Pneumonia and Influenza	31.0
Other	330.0	Nephritis	16.5
Total	1,512.5	Atherosclerosis	11.0
		Chronic Lower Respiratory Disease	11.0
		Other	558.0
		Total	2,630.0

Source: Minnesota Department of Health, Center for Health Statistics

Benton County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	392.5	Unintentional Injury	529.0
Cancer	210.0	Cancer	426.5
Perinatal Conditions	187.5	Heart Disease	255.5
Heart Disease	100.0	Perinatal Conditions	219.0
Suicide	65.0	Suicide	96.5
Pneumonia and Influenza	62.5	Diabetes	77.5
Diabetes	35.0	Pneumonia and Influenza	73.0
Cirrhosis	15.0	Stroke	31.0
Stroke	15.0	Cirrhosis	25.5
Other	25.0	Chronic Lower Respiratory Disease	16.5
Total	1,107.5	Alzheimer's Disease	5.5
		Other	78.5
		Total	1,834.0

Source: Minnesota Department of Health, Center for Health Statistics

Big Stone County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	105.0	Unintentional Injury	142.0
Cancer	50.0	Cancer	129.5
Stroke	15.0	Heart Disease	43.0
Heart Disease	5.0	Stroke	25.5
Other	50.0	Cirrhosis	5.5
Total	225.0	Other	87.5
		Total	433.0

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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Blue Earth County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	567.5	Cancer	1,019.0
Heart Disease	240.0	Heart Disease	554.5
Congenital Anomalies	187.5	Unintentional Injury	249.5
Unintentional Injury	170.0	Congenital Anomalies	224.5
Suicide	105.0	Suicide	136.5
Cirrhosis	35.0	Cirrhosis	66.5
Diabetes	15.0	Chronic Lower Respiratory Disease	47.5
Chronic Lower Respiratory Disease	10.0	Diabetes	47.5
Other	197.5	Septicemia	11.0
Total	1,527.5	Stroke	5.5
		Other	389.5
		Total	2,751.5

Source: Minnesota Department of Health, Center for Health Statistics

Brown County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	230.0	Cancer	334.0
Cancer	120.0	Unintentional Injury	293.0
Perinatal Conditions	62.5	Chronic Lower Respiratory Disease	93.0
SIDS	62.5	Heart Disease	89.5
Chronic Lower Respiratory Disease	45.0	Perinatal Conditions	73.0
Heart Disease	20.0	SIDS	73.0
Suicide	5.0	Suicide	15.5
Other	190.0	Pneumonia and Influenza	11.0
Total	735.0	Stroke	11.0
		Diabetes	5.5
		Nephritis	5.5
		Other	317.0
		Total	1,321.0

Source: Minnesota Department of Health, Center for Health Statistics

Carlton County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	420.0	Unintentional Injury	567.0
Cancer	220.0	Cancer	509.0
Heart Disease	110.0	Heart Disease	328.5
Diabetes	90.0	Diabetes	143.0
Suicide	65.0	Suicide	96.5
Perinatal Conditions	62.5	Perinatal Conditions	73.0
Hypertension	55.0	Stroke	67.5
Congenital Anomalies	35.0	Hypertension	65.5
Stroke	30.0	Congenital Anomalies	51.0
Cirrhosis	20.0	Chronic Lower Respiratory Disease	43.0
Chronic Lower Respiratory Disease	5.0	Cirrhosis	41.0
Other	70.0	Nephritis	5.5
Total	1,182.5	Other	193.5
		Total	2,184.0

Source: Minnesota Department of Health, Center for Health Statistics

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Carver County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	450.0	Unintentional Injury	581.5
Cancer	220.0	Cancer	534.5
Suicide	200.0	Suicide	263.0
Heart Disease	80.0	Heart Disease	235.5
Perinatal Conditions	62.5	Stroke	87.5
SIDS	62.5	Cirrhosis	86.5
Cirrhosis	55.0	Perinatal Conditions	73.0
Stroke	45.0	SIDS	73.0
Chronic Lower Respiratory Disease	15.0	Chronic Lower Respiratory Disease	31.0
Diabetes	5.0	Diabetes	21.0
Other	250.0	Congenital Anomalies	5.5
Total	1,445.0	Total	393.5
		Total	2,385.5

Source: Minnesota Department of Health, Center for Health Statistics

Cass County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	260.0	Cancer	407.5
Heart Disease	130.0	Heart Disease	355.0
Suicide	110.0	Unintentional Injury	349.5
Cancer	90.0	Suicide	152.0
Stroke	62.5	Stroke	78.5
Chronic Lower Respiratory Disease	30.0	Chronic Lower Respiratory Disease	67.5
Cirrhosis	25.0	Diabetes	57.5
Congenital Anomalies	25.0	Cirrhosis	35.5
Diabetes	25.0	Congenital Anomalies	35.5
Atherosclerosis	5.0	Pneumonia and Influenza	21.0
Pneumonia and Influenza	5.0	Atherosclerosis	15.5
Other	290.0	Alzheimer's Disease	5.5
Total	1,057.5	Hypertension	5.5
		Nephritis	5.5
		Other	534.5
		Total	2,126.0

Source: Minnesota Department of Health, Center for Health Statistics

Chippewa County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Congenital Anomalies	62.5	Cancer	121.5
Unintentional Injury	55.0	Unintentional Injury	86.5
Cancer	25.0	Congenital Anomalies	73.0
Diabetes	15.0	Heart Disease	32.0
Cirrhosis	5.0	Diabetes	25.5
Chronic Lower Respiratory Disease	5.0	Cirrhosis	15.5
Heart Disease	5.0	Chronic Lower Respiratory Disease	15.5
Nephritis	5.0	Nephritis	15.5
Other	45.0	Other	98.5
Total	222.5	Total	483.5

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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Chisago County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	255.0	Cancer	579.5
Cancer	210.0	Unintentional Injury	356.0
Heart Disease	135.0	Heart Disease	316.5
Perinatal Conditions	125.0	Perinatal Conditions	146.0
Suicide	75.0	Suicide	112.0
Congenital Anomalies	62.5	Congenital Anomalies	73.0
SIDS	62.5	SIDS	73.0
Cirrhosis	15.0	Chronic Lower Respiratory Disease	69.5
Diabetes	15.0	Diabetes	57.5
Stroke	15.0	Stroke	31.0
Chronic Lower Respiratory Disease	10.0	Cirrhosis	25.5
Other	95.0	Hypertension	11.0
Total	1,075.0	Alzheimer's Disease	5.5
		Pneumonia and Influenza	5.5
		Other	244.5
		Total	2,106.0

Source: Minnesota Department of Health, Center for Health Statistics

Clay County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Perinatal Conditions	375.0	Cancer	709.5
Unintentional Injury	365.0	Unintentional Injury	480.5
Cancer	310.0	Perinatal Conditions	438.0
Heart Disease	235.0	Heart Disease	437.5
Congenital Anomalies	62.5	Congenital Anomalies	73.0
SIDS	62.5	SIDS	73.0
Suicide	50.0	Suicide	71.0
Cirrhosis	30.0	Stroke	67.5
Stroke	30.0	Diabetes	58.5
Nephritis	15.0	Chronic Lower Respiratory Disease	53.0
Chronic Lower Respiratory Disease	10.0	Cirrhosis	51.0
Diabetes	10.0	Nephritis	25.5
Pneumonia and Influenza	5.0	Pneumonia and Influenza	15.5
Other	120.0	Other	220.5
Total	1,680.0	Total	2,774.0

Source: Minnesota Department of Health, Center for Health Statistics

Clearwater County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	175.0	Unintentional Injury	233.0
Suicide	110.0	Suicide	152.0
Cancer	65.0	Cancer	149.5
Perinatal Conditions	62.5	Heart Disease	130.5
Nephritis	45.0	Perinatal Conditions	73.0
Heart Disease	40.0	Nephritis	55.5
Other	55.0	Chronic Lower Respiratory Disease	5.5
Total	552.5	Stroke	5.5
		Other	103.0
		Total	907.5

Source: Minnesota Department of Health, Center for Health Statistics

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Cook County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	70.0	Cancer	155.0
Hypertension	25.0	Unintentional Injury	41.0
Unintentional Injury	25.0	Hypertension	35.5
Heart Disease	5.0	Heart Disease	32.0
Nephritis	5.0	Nephritis	15.5
Other	92.5	Diabetes	11.0
Total	222.5	Other	124.0
		Total	414.0

Source: Minnesota Department of Health, Center for Health Statistics

Cottonwood County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	45.0	Cancer	130.5
Unintentional Injury	40.0	Unintentional Injury	66.5
Congenital Anomalies	25.0	Heart Disease	63.0
Heart Disease	20.0	Congenital Anomalies	35.5
Stroke	15.0	Stroke	31.0
Other	20.0	Chronic Lower Respiratory Disease	11.0
Total	165.0	Nephritis	11.0
		Alzheimer's Disease	5.5
		Other	57.5
		Total	411.5

Source: Minnesota Department of Health, Center for Health Statistics

Crow Wing County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	475.0	Cancer	841.5
Heart Disease	285.0	Unintentional Injury	680.0
Cancer	275.0	Heart Disease	663.0
Suicide	160.0	Suicide	223.0
Congenital Anomalies	62.5	Nephritis	98.5
Perinatal Conditions	62.5	Congenital Anomalies	78.5
Nephritis	45.0	Perinatal Conditions	73.0
Cirrhosis	30.0	Stroke	58.5
Stroke	10.0	Cirrhosis	56.5
Chronic Lower Respiratory Disease	5.0	Chronic Lower Respiratory Disease	54.0
Hypertension	5.0	Pneumonia and Influenza	32.0
Pneumonia and Influenza	5.0	Hypertension	26.5
Septicemia	5.0	Septicemia	15.5
Other	197.5	Alzheimer's Disease	11.0
Total	1,622.5	Diabetes	5.5
		Other	438.0
		Total	3,355.0

Source: Minnesota Department of Health, Center for Health Statistics

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Dakota County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	1,965.0	Cancer	4,191.5
Unintentional Injury	1,587.5	Unintentional Injury	2,141.0
Congenital Anomalies	685.0	Heart Disease	1,566.0
Heart Disease	670.0	Congenital Anomalies	832.0
Suicide	445.0	Suicide	623.5
Perinatal Conditions	437.5	Perinatal Conditions	511.0
Diabetes	265.0	Diabetes	503.0
Homicide	215.0	Stroke	420.5
Cirrhosis	182.5	Cirrhosis	325.5
Stroke	175.0	Homicide	288.5
Septicemia	165.0	Chronic Lower Respiratory Disease	260.5
AIDS/HIV	130.0	Septicemia	244.5
Nephritis	65.0	AIDS/HIV	193.0
SIDS	62.5	Nephritis	150.5
Chronic Lower Respiratory Disease	45.0	Hypertension	93.0
Hypertension	45.0	SIDS	73.0
Pneumonia and Influenza	30.0	Pneumonia and Influenza	62.0
Alzheimer's Disease	5.0	Alzheimer's Disease	26.5
Other	1,810.0	Atherosclerosis	11.0
Total	8,985.0	Total	3,019.0
		Total	15,535.5

Source: Minnesota Department of Health, Center for Health Statistics

Dodge County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	215.0	Unintentional Injury	309.5
Congenital Anomalies	125.0	Cancer	166.0
Cancer	65.0	Congenital Anomalies	146.0
Perinatal Conditions	62.5	Heart Disease	78.5
Heart Disease	25.0	Perinatal Conditions	73.0
Chronic Lower Respiratory Disease	10.0	Chronic Lower Respiratory Disease	36.5
Pneumonia and Influenza	5.0	Pneumonia and Influenza	15.5
Suicide	5.0	Suicide	15.5
Total	512.5	Diabetes	5.5
		Other	11.0
		Total	857.0

Source: Minnesota Department of Health, Center for Health Statistics

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Douglas County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	227.5	Cancer	500.0
Unintentional Injury	172.5	Unintentional Injury	230.5
Heart Disease	70.0	Heart Disease	203.5
Suicide	70.0	Suicide	91.0
Congenital Anomalies	62.5	Congenital Anomalies	73.0
Chronic Lower Respiratory Disease	5.0	Chronic Lower Respiratory Disease	26.5
Nephritis	5.0	Nephritis	21.0
Other	155.0	Stroke	16.5
Total	767.5	Alzheimer's Disease	5.5
		Other	245.0
		Total	1,412.5

Source: Minnesota Department of Health, Center for Health Statistics

Faribault County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	110.0	AIDS/HIV	35.5
Congenital Anomalies	62.5	Heart Disease	201.0
Cancer	50.0	Cancer	184.5
Heart Disease	50.0	Unintentional Injury	163.0
AIDS/HIV	25.0	Congenital Anomalies	73.0
Homicide	25.0	Homicide	35.5
Stroke	15.0	Stroke	25.5
Cirrhosis	5.0	Cirrhosis	15.5
Other	10.0	Chronic Lower Respiratory Disease	11.0
	352.5	Diabetes	5.5
		Nephritis	5.5
		Other	69.5
		Total	825.0

Source: Minnesota Department of Health, Center for Health Statistics

Fillmore County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	175.0	Cancer	280.0
Cancer	125.0	Unintentional Injury	244.0
Congenital Anomalies	77.5	Heart Disease	161.5
Heart Disease	65.0	Congenital Anomalies	98.5
Perinatal Conditions	62.5	Perinatal Conditions	73.0
SIDS	62.5	SIDS	73.0
Diabetes	20.0	Diabetes	46.5
Chronic Lower Respiratory Disease	5.0	Chronic Lower Respiratory Disease	32.0
Hypertension	5.0	Hypertension	21.0
Nephritis	5.0	Nephritis	15.5
Other	147.5	Alzheimer's Disease	5.5
Total	750.0	Other	239.0
		Total	1,289.5

Source: Minnesota Department of Health, Center for Health Statistics

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Freeborn County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	235.0	Cancer	479.5
Heart Disease	100.0	Heart Disease	265.5
Suicide	70.0	Suicide	96.5
Unintentional Injury	50.0	Unintentional Injury	76.5
Cirrhosis	20.0	Stroke	53.0
AIDS/HIV	15.0	Diabetes	42.0
Stroke	15.0	Cirrhosis	41.0
Diabetes	10.0	Chronic Lower Respiratory Disease	26.5
Atherosclerosis	5.0	AIDS/HIV	25.5
Chronic Lower Respiratory Disease	5.0	Atherosclerosis	15.5
Other	165.0	Alzheimer's Disease	11.0
Total	690.0	Other	330.0
		Total	1,462.5

Source: Minnesota Department of Health, Center for Health Statistics

Goodhue County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	225.0	Cancer	544.5
Unintentional Injury	175.0	Heart Disease	372.0
Heart Disease	160.0	Unintentional Injury	275.0
Suicide	130.0	Suicide	172.0
Congenital Anomalies	125.0	Congenital Anomalies	146.0
Homicide	95.0	Homicide	126.5
Diabetes	35.0	Diabetes	77.5
Cirrhosis	25.0	Chronic Lower Respiratory Disease	74.0
Chronic Lower Respiratory Disease	15.0	Cirrhosis	67.5
Other	150.0	Stroke	27.5
Total	1,135.0	Hypertension	11.0
		Alzheimer's Disease	5.5
		Pneumonia and Influenza	5.5
		Other	246.0
		Total	2,150.5

Source: Minnesota Department of Health, Center for Health Statistics

Grant County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	100.0	Unintentional Injury	126.5
AIDS/HIV	35.0	AIDS/HIV	45.5
Heart Disease	15.0	Heart Disease	31.0
Cancer	5.0	Cancer	26.5
Other	5.0	Diabetes	5.5
Total	160.0	Nephritis	5.5
		Other	37.5
		Total	278.0

Source: Minnesota Department of Health, Center for Health Statistics

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Hennepin County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	5,855.0	Cancer	13,833.5
Unintentional Injury	5,325.0	Heart Disease	7,410.0
Heart Disease	3,420.0	Unintentional Injury	7,169.0
Suicide	2,370.0	Suicide	3,332.5
Perinatal Conditions	2,187.5	Perinatal Conditions	2,555.0
Congenital Anomalies	1,980.0	Congenital Anomalies	2,416.0
Homicide	1,737.5	Homicide	2,241.5
Stroke	1,042.5	Stroke	2,050.0
Diabetes	795.0	Diabetes	1,641.0
Cirrhosis	760.0	Cirrhosis	1,425.0
AIDS/HIV	730.0	Chronic Lower Respiratory Disease	1,288.5
Chronic Lower Respiratory Disease	425.0	AIDS/HIV	1,087.0
Pneumonia and Influenza	395.0	Pneumonia and Influenza	719.5
Nephritis	352.5	Nephritis	629.0
Septicemia	317.5	Septicemia	487.0
SIDS	125.0	Hypertension	409.0
Hypertension	120.0	SIDS	146.0
Other	5,075.0	Alzheimer's Disease	66.0
Total	33,012.5	Atherosclerosis	16.5
		Other	9,108.0
		Total	58,030.0

Source: Minnesota Department of Health, Center for Health Statistics

Houston County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Congenital Anomalies	155.0	Cancer	291.0
Unintentional Injury	125.0	Congenital Anomalies	197.0
Cancer	115.0	Unintentional Injury	177.5
Heart Disease	65.0	Heart Disease	156.0
Perinatal Conditions	62.5	Perinatal Conditions	73.0
Diabetes	25.0	Diabetes	41.0
Chronic Lower Respiratory Disease	5.0	Chronic Lower Respiratory Disease	37.5
Stroke	5.0	Stroke	32.0
Other	65.0	Nephritis	11.0
Total	622.5	Septicemia	11.0
		Other	107.5
		Total	1,134.5

Source: Minnesota Department of Health, Center for Health Statistics

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Hubbard County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	187.5	Cancer	298.5
Cancer	95.0	Unintentional Injury	261.5
Heart Disease	65.0	Heart Disease	200.0
Congenital Anomalies	62.5	Congenital Anomalies	73.0
Stroke	25.0	Stroke	41.0
Diabetes	15.0	Diabetes	31.0
Homicide	5.0	Chronic Lower Respiratory Disease	16.5
Hypertension	5.0	Homicide	15.5
Other	175.0	Hypertension	15.5
Total	635.0	Pneumonia and Influenza	11.0
		Other	265.0
		Total	1,228.5

Source: Minnesota Department of Health, Center for Health Statistics

Isanti County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	145.0	Cancer	395.0
Heart Disease	120.0	Heart Disease	263.5
Suicide	85.0	Suicide	116.5
Unintentional Injury	55.0	Unintentional Injury	86.5
Nephritis	15.0	Stroke	31.0
Stroke	10.0	Nephritis	25.5
Other	45.0	Cirrhosis	11.0
Total	475.0	Chronic Lower Respiratory Disease	5.5
		Other	146.0
		Total	1,080.5

Source: Minnesota Department of Health, Center for Health Statistics

Itasca County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	525.0	Unintentional Injury	751.0
Cancer	225.0	Cancer	685.5
Perinatal Conditions	125.0	Heart Disease	361.5
Heart Disease	110.0	Perinatal Conditions	146.0
Congenital Anomalies	97.5	Congenital Anomalies	118.5
Suicide	45.0	Cirrhosis	98.5
Cirrhosis	40.0	Chronic Lower Respiratory Disease	89.5
Chronic Lower Respiratory Disease	30.0	Diabetes	58.5
Atherosclerosis	25.0	Suicide	55.5
Septicemia	20.0	Stroke	53.0
Pneumonia and Influenza	15.0	Septicemia	41.0
Diabetes	10.0	Atherosclerosis	35.5
Stroke	10.0	Pneumonia and Influenza	31.0
Other	300.0	Alzheimer's Disease	5.5
Total	1,577.5	Nephritis	5.5
		Other	566.0
		Total	3,102.0

Source: Minnesota Department of Health, Center for Health Statistics

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Jackson County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
	160.0	Cancer	309.0
Unintentional Injury	90.0	Unintentional Injury	111.0
Suicide	70.0	Suicide	91.0
Perinatal Conditions	62.5	Perinatal Conditions	73.0
Diabetes	5.0	Heart Disease	43.0
Heart Disease	5.0	Diabetes	21.0
Pneumonia and Influenza	5.0	Pneumonia and Influenza	15.5
Other	97.5	Septicemia	11.0
Total	495.0	Alzheimer's Disease	5.5
		Chronic Lower Respiratory Disease	5.5
		Other	151.5
		Total	837.0

Source: Minnesota Department of Health, Center for Health Statistics

Kanabec County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	255.0	Cancer	376.5
Cancer	170.0	Unintentional Injury	334.0
Suicide	25.0	Heart Disease	91.5
Heart Disease	10.0	Suicide	35.5
Stroke	5.0	Stroke	21.0
Other	15.0	Chronic Lower Respiratory Disease	5.5
Total	480.0	Nephritis	5.5
		Other	74.0
		Total	943.5

Source: Minnesota Department of Health, Center for Health Statistics

Kandiyohi County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	337.5	Cancer	704.0
Heart Disease	120.0	Heart Disease	366.0
Unintentional Injury	120.0	Unintentional Injury	210.5
Suicide	115.0	Suicide	146.5
SIDS	62.5	SIDS	73.0
Cirrhosis	35.0	Cirrhosis	56.5
Congenital Anomalies	25.0	Congenital Anomalies	35.5
Homicide	15.0	Stroke	32.0
Stroke	5.0	Homicide	25.5
Other	210.0	Chronic Lower Respiratory Disease	22.0
Total	1,045.0	Pneumonia and Influenza	11.0
		Diabetes	5.5
		Nephritis	5.5
		Septicemia	5.5
		Other	417.5
		Total	2,116.5

Source: Minnesota Department of Health, Center for Health Statistics

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Kittson County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Heart Disease	85.0	Heart Disease	175.0
Cancer	15.0	Cancer	52.0
Unintentional Injury	5.0	Unintentional Injury	15.5
Other	35.0	Chronic Lower Respiratory Disease	5.5
Total	140.0	Diabetes	5.5
		Pneumonia and Influenza	5.5
		Stroke	5.5
		Suicide	5.5
		Other	56.5
		Total	326.5

Source: Minnesota Department of Health, Center for Health Statistics

Koochiching County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	127.5	Cancer	282.0
Cancer	95.0	Unintentional Injury	175.0
Stroke	67.5	Heart Disease	106.0
Pneumonia and Influenza	62.5	Stroke	105.0
Heart Disease	20.0	Pneumonia and Influenza	73.0
Diabetes	15.0	Diabetes	42.0
Cirrhosis	5.0	Cirrhosis	15.5
Other	85.0	Chronic Lower Respiratory Disease	11.0
Total	477.5	Nephritis	5.5
		Other	138.5
		Total	953.5

Source: Minnesota Department of Health, Center for Health Statistics

Lac Qui Parle County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Suicide	60.0	Cancer	98.5
Unintentional Injury	60.0	Suicide	81.0
Cancer	40.0	Unintentional Injury	81.0
Heart Disease	25.0	Heart Disease	67.5
Pneumonia and Influenza	15.0	Cirrhosis	31.0
Cirrhosis	10.0	Pneumonia and Influenza	25.5
Total	210.0	Stroke	5.5
		Other	11.0
		Total	401.0

Source: Minnesota Department of Health, Center for Health Statistics

**Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL)
to Age 65 and 75 by State and County, 2000**

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Lake County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	70.0	Cancer	204.5
Perinatal Conditions	62.5	Perinatal Conditions	73.0
Congenital Anomalies	45.0	Congenital Anomalies	55.5
Unintentional Injury	30.0	Unintentional Injury	51.0
Stroke	15.0	Heart Disease	47.5
Heart Disease	10.0	Stroke	36.5
Cirrhosis	5.0	Diabetes	21.0
Diabetes	5.0	Cirrhosis	15.5
Other	77.5	Chronic Lower Respiratory Disease	5.5
Total	320.0	Other	147.0
		Total	657.0

Source: Minnesota Department of Health, Center for Health Statistics

Lake of the Woods County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Congenital Anomalies	62.5	Unintentional Injury	81.0
Unintentional Injury	60.0	Congenital Anomalies	73.0
Nephritis	25.0	Cancer	52.0
Cancer	20.0	Heart Disease	46.5
Heart Disease	20.0	Chronic Lower Respiratory Disease	36.5
Stroke	15.0	Nephritis	35.5
Chronic Lower Respiratory Disease	10.0	Stroke	31.0
Total	212.5	Other	5.5
		Total	361.0

Source: Minnesota Department of Health, Center for Health Statistics

Le Sueur County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	175.0	Cancer	378.0
Suicide	150.0	Heart Disease	286.5
Heart Disease	147.5	Unintentional Injury	248.5
Cancer	115.0	Suicide	192.0
Diabetes	45.0	Stroke	87.5
Stroke	45.0	Diabetes	61.0
Pneumonia and Influenza	15.0	Pneumonia and Influenza	25.5
Chronic Lower Respiratory Disease	5.0	Chronic Lower Respiratory Disease	21.0
Nephritis	5.0	Nephritis	15.5
Other	122.5	Other	208.0
Total	825.0	Total	1,523.5

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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Lincoln County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	45.0	Cancer	108.5
Unintentional Injury	45.0	Unintentional Injury	76.5
Suicide	25.0	Heart Disease	36.5
Homicide	15.0	Suicide	35.5
Heart Disease	10.0	Homicide	25.5
Stroke	5.0	Stroke	15.5
Total	145.0	Diabetes	11.0
		Chronic Lower Respiratory Disease	5.5
		Nephritis	5.5
		Total	320.0

Source: Minnesota Department of Health, Center for Health Statistics

Lyon County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	222.5	Cancer	294.5
Cancer	140.0	Unintentional Injury	296.0
Congenital Anomalies	125.0	Heart Disease	156.0
Heart Disease	55.0	Congenital Anomalies	146.0
Homicide	45.0	Homicide	55.5
Suicide	25.0	Suicide	35.5
Cirrhosis	15.0	Cirrhosis	31.0
Chronic Lower Respiratory Disease	15.0	Chronic Lower Respiratory Disease	25.5
Other	285.0	Other	434.0
Total	927.5	Total	1,474.0

Source: Minnesota Department of Health, Center for Health Statistics

Mahnomen County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	60.0	Cancer	124.0
Cancer	55.0	Unintentional Injury	86.5
Diabetes	30.0	Diabetes	56.5
Total	145.0	Stroke	5.5
		Other	5.5
		Total	278.0

Source: Minnesota Department of Health, Center for Health Statistics

Marshall County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	145.0	Unintentional Injury	218.5
Cancer	90.0	Cancer	201.5
Hypertension	30.0	Heart Disease	63.0
Heart Disease	20.0	Hypertension	51.0
Suicide	15.0	Suicide	25.5
Diabetes	5.0	Diabetes	15.5
Stroke	5.0	Stroke	15.5
Other	5.0	Chronic Lower Respiratory Disease	5.5
Total	315.0	Pneumonia and Influenza	5.5
		Septicemia	5.5
		Other	26.5
		Total	633.5

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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Martin County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	165.0	Cancer	406.0
Heart Disease	105.0	Heart Disease	232.5
Unintentional Injury	75.0	Unintentional Injury	106.5
Stroke	35.0	Stroke	45.5
Diabetes	15.0	Diabetes	25.5
Other	75.0	Chronic Lower Respiratory Disease	16.5
Total	470.0	Alzheimer's Disease	11.0
		Hypertension	5.5
		Other	128.5
		Total	977.5

Source: Minnesota Department of Health, Center for Health Statistics

McLeod County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	195.0	Cancer	337.5
Heart Disease	162.5	Heart Disease	312.0
Cancer	135.0	Unintentional Injury	258.5
Congenital Anomalies	125.0	Congenital Anomalies	146.0
Perinatal Conditions	125.0	Perinatal Conditions	146.0
Suicide	45.0	Diabetes	57.5
Homicide	25.0	Suicide	55.5
Diabetes	20.0	Stroke	42.0
Cirrhosis	15.0	Homicide	35.5
Septicemia	15.0	Septicemia	31.0
Stroke	10.0	Cirrhosis	25.5
Other	180.0	Pneumonia and Influenza	11.0
Total	1,052.5	Nephritis	5.5
		Other	307.0
		Total	1,770.5

Source: Minnesota Department of Health, Center for Health Statistics

Meeker County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	312.5	Unintentional Injury	418.0
Cancer	160.0	Cancer	354.0
Heart Disease	110.0	Heart Disease	242.5
Perinatal Conditions	62.5	Perinatal Conditions	73.0
Suicide	50.0	Suicide	71.0
Congenital Anomalies	25.0	Congenital Anomalies	35.5
Homicide	25.0	Homicide	35.5
Chronic Lower Respiratory Disease	15.0	Stroke	32.0
Diabetes	5.0	Chronic Lower Respiratory Disease	31.0
Stroke	5.0	Diabetes	21.0
Other	35.0	Other	110.5
Total	805.0	Total	1,424.0

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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Mille Lacs County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	175.0	Cancer	437.0
Unintentional Injury	175.0	Unintentional Injury	280.5
Heart Disease	60.0	Heart Disease	168.0
Suicide	40.0	Cirrhosis	62.0
Cirrhosis	30.0	Suicide	61.0
Stroke	25.0	Stroke	41.0
Chronic Lower Respiratory Disease	5.0	Chronic Lower Respiratory Disease	26.5
Other	125.0	Diabetes	11.0
Total	635.0	Hypertension	5.5
		Other	241.5
		Total	1,334.0

Source: Minnesota Department of Health, Center for Health Statistics

Morrison County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	230.0	Cancer	444.5
Perinatal Conditions	187.5	Unintentional Injury	314.0
Cancer	150.0	Perinatal Conditions	219.0
Suicide	145.0	Suicide	203.0
Heart Disease	50.0	Heart Disease	194.5
Diabetes	45.0	Diabetes	76.5
Pneumonia and Influenza	45.0	Pneumonia and Influenza	55.5
Stroke	20.0	Stroke	41.0
Cirrhosis	15.0	Cirrhosis	25.5
Nephritis	15.0	Nephritis	25.5
Alzheimer's Disease	5.0	Chronic Lower Respiratory Disease	22.0
Other	162.5	Alzheimer's Disease	15.5
Total	1,070.0	Other	279.0
		Total	1,915.5

Source: Minnesota Department of Health, Center for Health Statistics

Mower County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	340.0	Cancer	751.5
Unintentional Injury	170.0	Heart Disease	282.0
Heart Disease	100.0	Unintentional Injury	238.5
Suicide	85.0	Suicide	116.5
Perinatal Conditions	62.5	Perinatal Conditions	73.0
Diabetes	30.0	Diabetes	67.5
Septicemia	25.0	Septicemia	41.0
Congenital Anomalies	15.0	Congenital Anomalies	25.5
Cirrhosis	5.0	Chronic Lower Respiratory Disease	16.5
Other	152.5	Stroke	16.5
Total	985.0	Cirrhosis	15.5
		Atherosclerosis	5.5
		Nephritis	5.5
		Other	263.5
		Total	1,918.5

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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Murray County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Heart Disease	25.0	Heart Disease	85.0
Cancer	10.0	Cancer	64.0
Stroke	10.0	Stroke	36.5
Other	45.0	Other	87.5
Total	90.0	Total	273.0

Source: Minnesota Department of Health, Center for Health Statistics

Nicollet County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	142.5	Cancer	298.5
Cancer	100.0	Unintentional Injury	174.0
Congenital Anomalies	62.5	Heart Disease	94.0
Perinatal Conditions	62.5	Congenital Anomalies	73.0
Heart Disease	35.0	Perinatal Conditions	73.0
Suicide	35.0	Suicide	45.5
Cirrhosis	20.0	Cirrhosis	41.0
Chronic Lower Respiratory Disease	5.0	Diabetes	22.0
Nephritis	5.0	Chronic Lower Respiratory Disease	21.0
Other	15.0	Nephritis	15.5
Total	482.5	Stroke	5.5
		Other	42.0
		Total	905.0

Source: Minnesota Department of Health, Center for Health Statistics

Nobles County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Congenital Anomalies	185.0	Congenital Anomalies	227.0
Suicide	80.0	Cancer	183.5
Unintentional Injury	80.0	Heart Disease	108.5
Cancer	55.0	Suicide	101.0
Heart Disease	50.0	Unintentional Injury	101.0
Diabetes	25.0	Diabetes	35.5
Other	172.5	Chronic Lower Respiratory Disease	16.5
Total	647.5	Stroke	11.0
		Nephritis	5.5
		Other	268.0
		Total	1,057.5

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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Norman County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	140.0	Unintentional Injury	182.0
Homicide	35.0	Cancer	64.0
Cancer	15.0	Heart Disease	53.0
Heart Disease	10.0	Homicide	45.5
Other	45.0	Hypertension	5.5
Total	245.0	Stroke	5.5
		Other	82.0
		Total	437.5

Source: Minnesota Department of Health, Center for Health Statistics

Olmsted County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	770.0	Cancer	1,633.5
Unintentional Injury	665.0	Unintentional Injury	875.5
Perinatal Conditions	312.5	Heart Disease	494.5
Congenital Anomalies	255.0	Perinatal Conditions	365.0
Heart Disease	185.0	Congenital Anomalies	307.5
Suicide	155.0	Chronic Lower Respiratory Disease	233.5
AIDS/HIV	115.0	Suicide	228.5
Homicide	105.0	AIDS/HIV	167.5
Chronic Lower Respiratory Disease	100.0	Homicide	136.5
SIDS	62.5	Stroke	84.0
Cirrhosis	35.0	Cirrhosis	83.0
Stroke	30.0	SIDS	73.0
Diabetes	25.0	Diabetes	56.5
Hypertension	15.0	Hypertension	31.0
Septicemia	5.0	Nephritis	16.5
Other	597.5	Septicemia	15.5
Total	3,432.5	Pneumonia and Influenza	11.0
		Other	980.5
		Total	5,793.0

Source: Minnesota Department of Health, Center for Health Statistics

Otter Tail County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	550.0	Cancer	1,317.0
Unintentional Injury	520.0	Unintentional Injury	730.0
Heart Disease	260.0	Heart Disease	638.5
Congenital Anomalies	145.0	Congenital Anomalies	192.5
Suicide	85.0	Stroke	160.5
Stroke	65.0	Suicide	122.0
Perinatal Conditions	62.5	Perinatal Conditions	73.0
Pneumonia and Influenza	55.0	Pneumonia and Influenza	65.5
Cirrhosis	30.0	Cirrhosis	56.5
Diabetes	15.0	Diabetes	52.0
Other	310.0	Chronic Lower Respiratory Disease	38.5
Total	2,097.5	Alzheimer's Disease	5.5
		Other	554.5
		Total	4,006.0

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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Pennington County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	110.0	Cancer	281.0
Unintentional Injury	92.5	Heart Disease	151.5
Heart Disease	87.5	Unintentional Injury	129.5
Suicide	60.0	Suicide	81.0
Cirrhosis	30.0	Cirrhosis	51.0
Other	45.0	Stroke	16.5
Total	425.0	Diabetes	5.5
		Other	104.0
		Total	820.0

Source: Minnesota Department of Health, Center for Health Statistics

Pine County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	507.5	Unintentional Injury	660.0
Cancer	215.0	Cancer	550.0
Perinatal Conditions	125.0	Heart Disease	318.5
Heart Disease	110.0	Perinatal Conditions	146.0
Stroke	72.5	Chronic Lower Respiratory Disease	119.5
SIDS	62.5	Stroke	115.0
Congenital Anomalies	55.0	Suicide	86.5
Suicide	55.0	SIDS	73.0
Chronic Lower Respiratory Disease	50.0	Congenital Anomalies	65.5
Hypertension	35.0	Hypertension	45.5
Pneumonia and Influenza	25.0	Cirrhosis	36.5
AIDS/HIV	15.0	Diabetes	36.5
Homicide	15.0	Pneumonia and Influenza	35.5
Nephritis	15.0	AIDS/HIV	25.5
Cirrhosis	10.0	Homicide	25.5
Diabetes	10.0	Nephritis	25.5
Other	155.0	Other	299.0
Total	1,532.5	Total	2,663.5

Source: Minnesota Department of Health, Center for Health Statistics

Pipestone County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	135.0	Unintentional Injury	187.5
Septicemia	62.5	Cancer	109.5
Congenital Anomalies	55.0	Septicemia	73.0
Suicide	45.0	Congenital Anomalies	65.5
Cancer	40.0	Suicide	55.5
Diabetes	25.0	Stroke	41.0
Stroke	25.0	Diabetes	35.5
Other	10.0	Heart Disease	16.5
Total	397.5	Chronic Lower Respiratory Disease	11.0
		Cirrhosis	5.5
		Pneumonia and Influenza	5.5
		Other	53.0
		Total	659.0

Source: Minnesota Department of Health, Center for Health Statistics

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Polk County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	230.0	Cancer	533.5
Suicide	130.0	Heart Disease	286.0
Unintentional Injury	130.0	Unintentional Injury	193.0
Heart Disease	75.0	Suicide	172.0
Diabetes	40.0	Diabetes	119.5
Congenital Anomalies	25.0	Stroke	37.5
Cirrhosis	15.0	Congenital Anomalies	35.5
Stroke	5.0	Cirrhosis	25.5
Other	85.0	Chronic Lower Respiratory Disease	16.5
Total	735.0	Hypertension	5.5
		Nephritis	5.5
		Pneumonia and Influenza	5.5
		Other	234.5
		Total	1,670.0

Source: Minnesota Department of Health, Center for Health Statistics

Pope County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	85.0	Cancer	213.5
Heart Disease	77.5	Heart Disease	137.0
Homicide	45.0	Homicide	55.5
Suicide	25.0	Chronic Lower Respiratory Disease	36.5
Nephritis	15.0	Suicide	35.5
Chronic Lower Respiratory Disease	10.0	Nephritis	31.0
Other	15.0	Alzheimer's Disease	5.5
Total	272.5	Hypertension	5.5
		Other	63.0
		Total	583.0

Source: Minnesota Department of Health, Center for Health Statistics

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Ramsey County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	3,297.5	Cancer	7,407.0
Unintentional Injury	2,042.5	Heart Disease	3,746.5
Heart Disease	1,760.0	Unintentional Injury	2,907.0
Suicide	1,200.0	Suicide	1,715.0
Perinatal Conditions	1,187.5	Perinatal Conditions	1,387.0
Congenital Anomalies	1,052.5	Congenital Anomalies	1,300.0
Homicide	977.5	Homicide	1,298.0
Chronic Lower Respiratory Disease	505.0	Chronic Lower Respiratory Disease	1,095.0
Stroke	372.5	Stroke	854.0
AIDS/HIV	370.0	Diabetes	789.0
Diabetes	340.0	Cirrhosis	566.0
Cirrhosis	285.0	AIDS/HIV	538.0
Nephritis	105.0	Nephritis	308.5
Septicemia	97.5	Septicemia	156.0
SIDS	62.5	Pneumonia and Influenza	132.5
Alzheimer's Disease	25.0	Hypertension	121.5
Hypertension	25.0	Alzheimer's Disease	78.5
Pneumonia and Influenza	25.0	SIDS	73.0
Other	3,082.5	Atherosclerosis	16.5
Total	16,812.5	Total	5,314.0
		Total	29,803.0

Source: Minnesota Department of Health, Center for Health Statistics

Red Lake County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Suicide	45.0	Cancer	62.0
Cancer	25.0	Suicide	55.5
Stroke	15.0	Heart Disease	47.5
Heart Disease	10.0	Stroke	31.0
Total	95.0	Diabetes	11.0
		Total	207.0

Source: Minnesota Department of Health, Center for Health Statistics

Redwood County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	240.0	Unintentional Injury	303.0
Cancer	130.0	Cancer	295.5
Suicide	85.0	Heart Disease	188.0
Heart Disease	70.0	Suicide	116.5
Cirrhosis	15.0	Stroke	42.0
Nephritis	15.0	Chronic Lower Respiratory Disease	37.5
Stroke	15.0	Cirrhosis	31.0
Chronic Lower Respiratory Disease	5.0	Nephritis	31.0
Other	80.0	Hypertension	11.0
Total	655.0	Alzheimer's Disease	5.5
		Diabetes	5.5
		Septicemia	5.5
		Other	154.0
		Total	1,226.0

Source: Minnesota Department of Health, Center for Health Statistics

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Renville County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	300.0	Unintentional Injury	395.0
Heart Disease	147.5	Cancer	282.0
Cancer	85.0	Heart Disease	254.5
Stroke	55.0	Stroke	97.5
Diabetes	45.0	Diabetes	82.0
Homicide	35.0	Homicide	45.5
Suicide	25.0	Suicide	35.5
Nephritis	15.0	Nephritis	25.5
Other	87.5	Chronic Lower Respiratory Disease	16.5
Total	795.0	Septicemia	5.5
		Other	125.0
		Total	1,364.5

Source: Minnesota Department of Health, Center for Health Statistics

Rice County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	522.5	Unintentional Injury	738.5
Cancer	257.5	Cancer	609.5
Perinatal Conditions	125.0	Heart Disease	254.5
Heart Disease	100.0	Perinatal Conditions	146.0
Suicide	90.0	Suicide	132.0
Congenital Anomalies	62.5	Chronic Lower Respiratory Disease	82.0
Chronic Lower Respiratory Disease	50.0	Stroke	77.5
Cirrhosis	40.0	Congenital Anomalies	73.0
Stroke	30.0	Cirrhosis	61.0
Diabetes	5.0	Diabetes	26.5
Nephritis	5.0	Nephritis	15.5
Other	270.0	Alzheimer's Disease	5.5
Total	1,557.5	Hypertension	5.5
		Pneumonia and Influenza	5.5
		Septicemia	5.5
		Other	386.5
		Total	2,624.5

Source: Minnesota Department of Health, Center for Health Statistics

Rock County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	35.0	Cancer	94.0
Unintentional Injury	35.0	Heart Disease	58.5
Heart Disease	15.0	Unintentional Injury	51.0
Septicemia	5.0	Diabetes	16.5
Other	62.5	Septicemia	15.5
Total	152.5	Alzheimer's Disease	11.0
		Stroke	11.0
		Chronic Lower Respiratory Disease	5.5
		Pneumonia and Influenza	5.5
		Other	84.0
		Total	352.5

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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Roseau County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	222.5	Unintentional Injury	275.0
Heart Disease	107.5	Cancer	228.0
Cancer	95.0	Heart Disease	209.0
Congenital Anomalies	62.5	Congenital Anomalies	73.0
SIDS	62.5	SIDS	73.0
Septicemia	5.0	Chronic Lower Respiratory Disease	22.0
Other	5.0	Septicemia	15.5
Total	560.0	Stroke	11.0
		Diabetes	5.5
		Nephritis	5.5
		Pneumonia and Influenza	5.5
		Other	26.5
		Total	949.5

Source: Minnesota Department of Health, Center for Health Statistics

Scott County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	647.5	Cancer	1,294.5
Unintentional Injury	390.0	Unintentional Injury	521.5
Congenital Anomalies	222.5	Heart Disease	454.0
Heart Disease	220.0	Congenital Anomalies	264.5
Perinatal Conditions	187.5	Perinatal Conditions	219.0
Suicide	115.0	Suicide	173.0
Diabetes	25.0	Diabetes	62.0
Cirrhosis	20.0	Chronic Lower Respiratory Disease	53.0
Homicide	15.0	Cirrhosis	46.5
Chronic Lower Respiratory Disease	10.0	Stroke	43.0
Hypertension	5.0	Hypertension	37.5
Stroke	5.0	Homicide	25.5
Other	550.0	Pneumonia and Influenza	5.5
Total	2,412.5	Other	820.0
		Total	4,019.5

Source: Minnesota Department of Health, Center for Health Statistics

**Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL)
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Sherburne County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	565.0	Cancer	1,057.0
Unintentional Injury	322.5	Unintentional Injury	417.0
Suicide	240.0	Suicide	324.0
Congenital Anomalies	160.0	Congenital Anomalies	191.5
Perinatal Conditions	62.5	Heart Disease	135.0
Heart Disease	50.0	Perinatal Conditions	73.0
Nephritis	45.0	Nephritis	61.0
Cirrhosis	25.0	Chronic Lower Respiratory Disease	47.5
Diabetes	25.0	Diabetes	46.5
Septicemia	25.0	Cirrhosis	41.0
Chronic Lower Respiratory Disease	15.0	Septicemia	35.5
Other	222.5	Hypertension	5.5
Total	1,757.5	Stroke	5.5
		Other	371.0
		Total	2,811.0

Source: Minnesota Department of Health, Center for Health Statistics

Sibley County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	275.0	Unintentional Injury	369.5
Perinatal Conditions	62.5	Cancer	172.5
Cancer	55.0	Heart Disease	162.5
Heart Disease	55.0	Perinatal Conditions	73.0
Diabetes	35.0	Diabetes	45.5
Cirrhosis	20.0	Cirrhosis	41.0
Chronic Lower Respiratory Disease	5.0	Stroke	16.5
Other	40.0	Chronic Lower Respiratory Disease	15.5
Total	547.5	Nephritis	5.5
		Other	98.5
		Total	1,000.0

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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St. Louis County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	1,247.5	Cancer	2,981.5
Cancer	1,145.0	Unintentional Injury	1,763.5
Heart Disease	690.0	Heart Disease	1,749.0
Suicide	690.0	Suicide	974.0
Perinatal Conditions	437.5	Chronic Lower Respiratory Disease	558.5
Congenital Anomalies	295.0	Perinatal Conditions	511.0
Homicide	272.5	Cirrhosis	447.5
Cirrhosis	235.0	Stroke	372.5
Chronic Lower Respiratory Disease	200.0	Homicide	351.5
Stroke	115.0	Congenital Anomalies	347.5
Diabetes	110.0	Diabetes	340.5
Septicemia	92.5	Pneumonia and Influenza	125.0
AIDS/HIV	55.0	Septicemia	124.0
Pneumonia and Influenza	50.0	AIDS/HIV	86.5
Alzheimer's Disease	5.0	Alzheimer's Disease	48.5
Hypertension	5.0	Hypertension	21.0
Other	887.5	Nephritis	11.0
Total	6,532.5	Total	12,538.0

Source: Minnesota Department of Health, Center for Health Statistics

Stearns County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	1,025.0	Cancer	1,528.5
Cancer	675.0	Unintentional Injury	1,398.0
Perinatal Conditions	437.5	Heart Disease	736.5
Congenital Anomalies	332.5	Perinatal Conditions	511.0
Heart Disease	280.0	Congenital Anomalies	416.5
Suicide	180.0	Suicide	248.5
Homicide	102.5	Stroke	209.0
Cirrhosis	100.0	Cirrhosis	168.5
Stroke	80.0	Diabetes	145.0
Diabetes	60.0	Homicide	134.0
Chronic Lower Respiratory Disease	50.0	Chronic Lower Respiratory Disease	130.5
AIDS/HIV	25.0	AIDS/HIV	35.5
Other	722.5	Atherosclerosis	16.5
Total	4,070.0	Alzheimer's Disease	11.0
		Pneumonia and Influenza	11.0
		Nephritis	5.5
		Other	1,109.5
		Total	6,815.0

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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Steele County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	210.0	Cancer	321.0
Cancer	140.0	Unintentional Injury	294.0
Congenital Anomalies	125.0	Heart Disease	183.5
Perinatal Conditions	62.5	Congenital Anomalies	146.0
SIDS	62.5	Perinatal Conditions	73.0
Heart Disease	55.0	SIDS	73.0
Suicide	45.0	Chronic Lower Respiratory Disease	56.5
Chronic Lower Respiratory Disease	30.0	Pneumonia and Influenza	56.5
Pneumonia and Influenza	30.0	Stroke	56.5
Stroke	25.0	Suicide	55.5
Cirrhosis	20.0	Cirrhosis	41.0
Diabetes	15.0	Diabetes	31.0
Septicemia	5.0	Alzheimer's Disease	16.5
Other	150.0	Septicemia	15.5
Total	975.0	Other	250.5
		Total	1,670.0

Source: Minnesota Department of Health, Center for Health Statistics

Stevens County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	75.0	Cancer	170.5
Unintentional Injury	55.0	Unintentional Injury	71.0
Heart Disease	5.0	Heart Disease	43.0
Total	135.0	Stroke	5.5
		Other	22.0
		Total	312.0

Source: Minnesota Department of Health, Center for Health Statistics

Swift County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	65.0	Cancer	145.0
Congenital Anomalies	62.5	Congenital Anomalies	73.0
Suicide	50.0	Suicide	71.0
Heart Disease	25.0	Heart Disease	67.5
Stroke	25.0	Stroke	46.5
Diabetes	5.0	Diabetes	26.5
Other	30.0	Chronic Lower Respiratory Disease	11.0
Total	262.5	Nephritis	5.5
		Pneumonia and Influenza	5.5
		Other	62.0
		Total	513.5

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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Todd County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	145.0	Cancer	364.0
Congenital Anomalies	125.0	Congenital Anomalies	146.0
Unintentional Injury	100.0	Unintentional Injury	142.0
Suicide	75.0	Heart Disease	115.0
Perinatal Conditions	62.5	Suicide	106.5
Heart Disease	40.0	Perinatal Conditions	73.0
Homicide	25.0	Homicide	35.5
Stroke	25.0	Stroke	35.5
Diabetes	5.0	Diabetes	26.5
Other	182.5	Chronic Lower Respiratory Disease	16.5
Total	785.0	Cirrhosis	5.5
		Nephritis	5.5
		Other	364.0
		Total	1,435.5

Source: Minnesota Department of Health, Center for Health Statistics

Traverse County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	62.5	Cancer	95.0
Suicide	45.0	Unintentional Injury	73.0
Cancer	25.0	Suicide	55.5
Heart Disease	10.0	Heart Disease	47.5
Other	97.5	Septicemia	5.5
Total	240.0	Other	145.0
		Total	421.5

Source: Minnesota Department of Health, Center for Health Statistics

Wabasha County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	140.0	Cancer	265.5
Cancer	95.0	Unintentional Injury	182.0
Heart Disease	87.5	Heart Disease	168.0
Congenital Anomalies	62.5	Congenital Anomalies	73.0
Septicemia	62.5	Septicemia	73.0
Cirrhosis	15.0	Cirrhosis	25.5
Hypertension	5.0	Hypertension	21.0
Pneumonia and Influenza	5.0	Pneumonia and Influenza	15.5
Total	472.5	Chronic Lower Respiratory Disease	11.0
		Other	27.5
		Total	862.0

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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Wadena County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	242.5	Unintentional Injury	321.5
Cancer	105.0	Cancer	307.5
Suicide	80.0	Heart Disease	116.0
Heart Disease	30.0	Suicide	101.0
Chronic Lower Respiratory Disease	5.0	Stroke	22.0
Other	25.0	Chronic Lower Respiratory Disease	21.0
Total	487.5	Diabetes	5.5
		Nephritis	5.5
		Other	95.0
		Total	995.0

Source: Minnesota Department of Health, Center for Health Statistics

Waseca County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	242.5	Cancer	333.0
Cancer	125.0	Unintentional Injury	316.0
Chronic Lower Respiratory Disease	20.0	Heart Disease	95.0
Heart Disease	20.0	Chronic Lower Respiratory Disease	52.0
Homicide	15.0	Homicide	31.0
Diabetes	5.0	Diabetes	21.0
Other	50.0	Pneumonia and Influenza	11.0
Total	477.5	Alzheimer's Disease	5.5
		Stroke	5.5
		Other	98.5
		Total	968.5

Source: Minnesota Department of Health, Center for Health Statistics

Washington County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	1,175.0	Cancer	2,501.5
Unintentional Injury	1,090.0	Unintentional Injury	1,479.0
Heart Disease	460.0	Heart Disease	1,004.0
Suicide	385.0	Suicide	563.5
Perinatal Conditions	312.5	Perinatal Conditions	365.0
Congenital Anomalies	180.0	Congenital Anomalies	232.5
Cirrhosis	110.0	Cirrhosis	221.5
Homicide	95.0	Stroke	218.0
Diabetes	90.0	Diabetes	213.5
Stroke	85.0	Chronic Lower Respiratory Disease	190.0
Chronic Lower Respiratory Disease	50.0	Homicide	126.5
AIDS/HIV	25.0	AIDS/HIV	35.5
Pneumonia and Influenza	15.0	Pneumonia and Influenza	25.5
Hypertension	5.0	Alzheimer's Disease	16.5
Nephritis	5.0	Hypertension	15.5
Other	565.0	Nephritis	15.5
Total	4,647.5	Atherosclerosis	11.0
		Other	964.5
		Total	8,199.0

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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Watonwan County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	105.0	Cancer	182.5
Cancer	65.0	Unintentional Injury	136.5
Heart Disease	40.0	Heart Disease	120.5
Diabetes	5.0	Stroke	27.5
Other	20.0	Diabetes	15.5
Total	235.0	Alzheimer's Disease	5.5
		Cirrhosis	5.5
		Chronic Lower Respiratory Disease	5.5
		Pneumonia and Influenza	5.5
		Other	57.5
		Total	562.0

Source: Minnesota Department of Health, Center for Health Statistics

Wilkin County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Perinatal Conditions	125.0	Perinatal Conditions	146.0
Suicide	60.0	Suicide	81.0
Homicide	25.0	Cancer	74.0
Cancer	15.0	Homicide	35.5
Heart Disease	5.0	Heart Disease	26.5
Unintentional Injury	5.0	Unintentional Injury	15.5
Other	55.0	Chronic Lower Respiratory Disease	5.5
Total	290.0	Stroke	5.5
		Other	103.0
		Total	492.5

Source: Minnesota Department of Health, Center for Health Statistics

Winona County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Unintentional Injury	252.5	Cancer	481.5
Cancer	220.0	Heart Disease	468.5
Suicide	145.0	Unintentional Injury	331.5
Heart Disease	130.0	Suicide	218.5
Congenital Anomalies	127.5	Congenital Anomalies	169.5
SIDS	62.5	SIDS	73.0
Pneumonia and Influenza	45.0	Pneumonia and Influenza	61.0
Chronic Lower Respiratory Disease	25.0	Chronic Lower Respiratory Disease	52.0
Homicide	25.0	Stroke	52.0
Stroke	20.0	Homicide	35.5
Diabetes	5.0	Diabetes	26.5
Other	55.0	Nephritis	11.0
Total	1,112.5	Alzheimer's Disease	5.5
		Atherosclerosis	5.5
		Cirrhosis	5.5
		Other	157.0
		Total	2,154.0

Source: Minnesota Department of Health, Center for Health Statistics

Mortality Table 2: Minnesota Years of Potential Life Lost (YPLL) to Age 65 and 75 by State and County, 2000

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Wright County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	580.0	Cancer	1,191.5
Unintentional Injury	280.0	Heart Disease	508.0
Heart Disease	257.5	Unintentional Injury	390.5
Suicide	230.0	Suicide	293.0
Congenital Anomalies	155.0	Stroke	259.0
Stroke	152.5	Congenital Anomalies	192.0
Perinatal Conditions	125.0	Cirrhosis	153.0
Homicide	107.5	Perinatal Conditions	146.0
Cirrhosis	95.0	Homicide	128.5
Chronic Lower Respiratory Disease	30.0	Diabetes	78.5
Diabetes	20.0	Chronic Lower Respiratory Disease	73.0
Nephritis	15.0	Nephritis	36.5
Septicemia	15.0	Septicemia	25.5
Other	405.0	Hypertension	11.0
Total	2,467.5	Pneumonia and Influenza	5.5
		Other	654.5
		Total	4,146.0

Source: Minnesota Department of Health, Center for Health Statistics

Yellow Medicine County - YPLL to Age 65 and 75, 2000

Cause	YPLL 65	Cause	YPLL 75
Cancer	120.0	Cancer	248.0
Unintentional Injury	95.0	Heart Disease	202.5
Heart Disease	90.0	Unintentional Injury	126.5
SIDS	62.5	SIDS	73.0
Suicide	35.0	Suicide	45.5
Other	5.0	Chronic Lower Respiratory Disease	11.0
Total	407.5	Pneumonia and Influenza	5.5
		Stroke	5.5
		Other	32.0
		Total	749.5

Source: Minnesota Department of Health, Center for Health Statistics

Years of Potential Life Lost (YPLL):

YPLL is a measure of premature mortality that takes into account the person's age at death. To calculate YPLL, specific ages ranges are defined such as 0 to 75 years of age. The number of deaths in each age category are then weighted according to the age group. For example, deaths occurring in the 15-24 age group would be weighted more heavily than the 25-64 age group. For this publication, two views of YPLL are presented, 0 to 65 years of age and 0 to 75 years of age.

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**Mortality Table 1: Minnesota Leading Causes of Death by Age Group
by State and County, 2000**

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Major Causes of Death	ICD-10 Codes
AIDS/HIV	B20-B24
Alzheimer's Disease	G30
Atherosclerosis	I70
Cancer [Malignant Neoplasms]	C00-C97
Chronic Lower Respiratory Disease	J40-J47
Cirrhosis	K70, K73-K74
Congenital Anomalies	Q00-Q99
Diabetes	E10-E14
Heart Disease	I00-I09, I11, I13, I20-I51
Homicide	X85-Y09, Y87.1
Hypertension	I10, I12
Nephritis	N00-N07, N17-N19, N25-N27
Perinatal Conditions	P00-P96
Pneumonia & Influenza	J10-J18
Septicemia	A40-A41
SIDS	R95
Stroke [Cerebrovascular Disease]	I60-I69
Suicide	X60-X84, Y87.0
Unintentional Injury	V01-X59, Y85-Y86
Other	All Other ICD10 Codes

Mortality Table 3a: Number of Fatal Unintentional Injuries, Homicides and Suicides in Minnesota by State and County, 2000

	Unintentional Injury			Homicide			Suicide		
	Under 20 Years	20 Years and Older	All Ages	Under 20 Years	20 Years and Older	All Ages	Under 20 Years	20 Years and Older	All Ages
State of Minnesota	204	1,526	1,730	22	120	142	34	405	439
Aitkin	2	6	8	0	2	2	0	2	2
Anoka	9	64	73	3	6	9	2	19	21
Becker	2	19	21	0	1	1	0	4	4
Beltrami	3	14	17	0	0	0	1	7	8
Benton	4	15	19	0	0	0	0	4	4
Big Stone	0	4	4	0	0	0	0	1	1
Blue Earth	2	12	14	0	0	0	1	3	4
Brown	2	8	10	0	0	0	0	1	1
Carlton	2	15	17	0	0	0	0	4	4
Carver	5	11	16	0	0	0	2	4	6
Cass	2	15	17	0	0	0	0	4	4
Chippewa	0	6	6	0	0	0	0	1	1
Chisago	3	17	20	0	0	0	1	3	4
Clay	1	16	17	0	0	0	0	2	2
Clearwater	0	9	9	0	0	0	0	5	5
Cook	0	5	5	0	0	0	0	0	0
Cottonwood	0	10	10	0	0	0	0	0	0
Crow Wing	4	23	27	0	0	0	1	6	7
Dakota	14	69	83	2	5	7	1	17	18
Dodge	0	15	15	0	0	0	0	1	1
Douglas	2	8	10	0	0	0	0	2	2
Faribault	1	7	8	0	1	1	0	0	0
Fillmore	2	13	15	0	0	0	0	2	2
Freeborn	0	7	7	0	0	0	0	4	4
Goodhue	1	28	29	1	2	3	0	4	4
Grant	2	4	6	0	0	0	0	0	0
Hennepin	38	322	360	6	43	49	3	99	102
Houston	0	10	10	0	0	0	0	0	0
Hubbard	2	9	11	0	1	1	0	0	0
Isanti	0	7	7	0	0	0	1	3	4
Itasca	2	29	31	0	0	0	0	1	1
Jackson	0	2	2	0	0	0	0	2	2
Kanabec	1	11	12	0	0	0	0	1	1
Kandiyohi	0	15	15	0	1	1	2	2	4
Kittson	0	1	1	0	0	0	0	1	1
Koochiching	2	5	7	0	0	0	0	0	0
Lac Qui Parle	0	5	5	0	0	0	1	1	2
Lake	0	2	2	0	0	0	0	0	0
Lake of the Woods	0	3	3	0	0	0	0	0	0
Le Sueur	2	9	11	0	0	0	0	4	4
Lincoln	0	3	3	0	1	1	0	1	1
Lyon	2	10	12	0	1	1	0	1	1
McLeod	0	10	10	0	1	1	1	0	1
Mahnomen	0	4	4	0	0	0	0	0	0
Marshall	0	13	13	0	0	0	0	1	1
Martin	1	6	7	0	0	0	0	0	0
Meeker	3	9	12	0	1	1	0	2	2
Mille Lacs	0	18	18	0	0	0	0	2	2
Morrison	2	10	12	0	0	0	1	7	8

Mortality Table 3a: Number of Fatal Unintentional Injuries, Homicides and Suicides in Minnesota by State and County, 2000

	Unintentional Injury			Homicide			Suicide		
	Under 20 Years	20 Years and Older	All Ages	Under 20 Years	20 Years and Older	All Ages	Under 20 Years	20 Years and Older	All Ages
State of Minnesota	204	1,526	1,730	22	120	142	34	405	439
Mower	2	10	12	0	0	0	1	3	4
Murray	0	1	1	0	0	0	0	1	1
Nicollet	1	4	5	0	0	0	0	1	1
Nobles	0	5	5	0	0	0	1	2	3
Norman	2	3	5	0	1	1	0	0	0
Olmsted	5	37	42	1	2	3	0	8	8
Otter Tail	3	26	29	0	0	0	1	4	5
Pennington	1	8	9	0	0	0	0	2	2
Pine	6	9	15	0	1	1	0	4	4
Pipestone	0	6	6	0	0	0	0	2	2
Polk	0	12	12	0	0	0	1	3	4
Pope	0	2	2	0	1	1	0	2	2
Ramsey	9	136	145	4	30	34	4	48	52
Red Lake	0	0	0	0	0	0	1	0	1
Redwood	2	6	8	0	0	0	0	3	3
Renville	3	8	11	0	1	1	0	1	1
Rice	4	24	28	0	0	0	0	4	4
Rock	0	4	4	0	0	0	0	1	1
Roseau	3	5	8	0	0	0	0	0	0
St. Louis	8	75	83	2	6	8	3	26	29
Scott	3	19	22	0	1	1	0	6	6
Sherburne	4	8	12	0	0	0	1	7	8
Sibley	1	12	13	0	0	0	0	0	0
Stearns	8	33	41	1	2	3	0	9	9
Steele	0	12	12	0	0	0	0	1	1
Stevens	1	4	5	0	0	0	0	0	0
Swift	0	5	5	0	0	0	0	2	2
Todd	0	8	8	0	2	2	0	3	3
Traverse	1	1	2	0	0	0	1	0	1
Wabasha	2	8	10	0	0	0	0	0	0
Wadena	1	9	10	0	0	0	0	2	2
Waseca	2	7	9	0	2	2	0	0	0
Washington	7	45	52	1	2	3	1	16	17
Watowan	1	4	5	0	0	0	0	0	0
Wilkin	0	2	2	0	1	1	0	2	2
Winona	3	10	13	0	1	1	0	7	7
Wright	2	21	23	1	1	2	1	5	6
Yellow Medicine	1	4	5	0	0	0	0	2	2

Source: Minnesota Department of Health, Center for Health Statistics

ICD-10 Codes:

Fatal Unintentional Injury: V01-X59, Y85-Y86

Homicide: X85-Y09, Y87.1

Suicide: X60-X84, Y87.0

Mortality Table 3b: Number of Fatal Fall, Motor Vehicle and Pedestrian Injuries in Minnesota by State and County, 2000

	Falls			Motor Vehicle			Pedestrian		
	Under 20 Years	20 Years and Older	All Ages	Under 20 Years	20 Years and Older	All Ages	Under 20 Years	20 Years and Older	All Ages
State of Minnesota	4	386	390	121	508	629	9	35	44
Aitkin	0	2	2	1	1	2	1	0	1
Anoka	0	22	22	4	25	29	0	3	3
Becker	0	0	0	1	12	13	1	0	1
Beltrami	0	2	2	0	7	7	0	2	2
Benton	0	1	1	3	10	13	0	0	0
Big Stone	0	0	0	0	4	4	0	0	0
Blue Earth	0	2	2	2	5	7	0	0	0
Brown	0	1	1	2	3	5	0	1	1
Carlton	0	0	0	2	10	12	0	0	0
Carver	0	2	2	3	5	8	0	0	0
Cass	0	2	2	2	6	8	0	1	1
Chippewa	0	0	0	0	2	2	0	0	0
Chisago	0	5	5	1	4	5	1	1	2
Clay	0	0	0	1	5	6	0	0	0
Clearwater	0	0	0	0	6	6	0	0	0
Cook	0	2	2	0	2	2	0	0	0
Cottonwood	0	0	0	0	1	1	0	1	1
Crow Wing	0	8	8	4	7	11	0	0	0
Dakota	0	16	16	12	26	38	1	0	1
Dodge	0	3	3	0	8	8	0	0	0
Douglas	0	2	2	2	3	5	0	0	0
Faribault	0	0	0	1	4	5	0	0	0
Fillmore	0	5	5	1	5	6	0	0	0
Freeborn	0	2	2	0	2	2	0	0	0
Goodhue	0	18	18	0	6	6	0	0	0
Grant	0	0	0	2	1	3	0	0	0
Hennepin	1	148	149	16	60	76	0	7	7
Houston	0	5	5	0	3	3	0	0	0
Hubbard	0	1	1	1	3	4	0	0	0
Isanti	0	0	0	0	3	3	0	0	0
Itasca	0	2	2	1	13	14	0	2	2
Jackson	0	0	0	0	1	1	0	0	0
Kanabec	0	2	2	1	5	6	0	0	0
Kandiyohi	0	2	2	0	5	5	0	0	0
Kittson	0	0	0	0	1	1	0	0	0
Koochiching	0	1	1	1	2	3	0	0	0
Lac Qui Parle	0	0	0	0	1	1	0	0	0
Lake	0	0	0	0	2	2	0	0	0
Lake of the Woods	0	0	0	0	1	1	0	0	0
Le Sueur	0	1	1	1	3	4	0	1	1
Lincoln	0	1	1	0	2	2	0	0	0
Lyon	0	1	1	0	2	2	0	0	0
McLeod	0	0	0	0	3	3	0	0	0
Mahnomen	0	0	0	0	2	2	0	0	0
Marshall	0	0	0	0	2	2	0	0	0
Martin	1	1	2	0	3	3	0	0	0
Meeker	0	1	1	3	6	9	0	0	0
Mille Lacs	0	4	4	0	6	6	0	1	1
Morrison	0	2	2	2	4	6	0	1	1

Mortality Table 3b: Number of Fatal Fall, Motor Vehicle and Pedestrian Injuries in Minnesota by State and County, 2000

	Falls			Motor Vehicle			Pedestrian		
	Under 20 Years	20 Years and Older	All Ages	Under 20 Years	20 Years and Older	All Ages	Under 20 Years	20 Years and Older	All Ages
State of Minnesota	4	386	390	121	508	629	9	35	44
Mower	0	2	2	2	3	5	0	1	1
Murray	0	1	1	0	0	0	0	0	0
Nicollet	0	0	0	1	2	3	0	0	0
Nobles	0	0	0	0	2	2	0	1	1
Norman	0	0	0	2	2	4	0	0	0
Olmsted	0	15	15	4	12	16	0	0	0
Otter Tail	0	4	4	2	10	12	0	0	0
Pennington	0	2	2	0	4	4	0	0	0
Pine	0	1	1	3	7	10	0	0	0
Pipestone	0	1	1	0	4	4	0	0	0
Polk	0	1	1	0	3	3	0	0	0
Pope	0	0	0	0	0	0	0	0	0
Ramsey	0	28	28	2	28	30	2	6	8
Red Lake	0	0	0	0	0	0	0	0	0
Redwood	0	1	1	2	4	6	0	0	0
Renville	0	0	0	3	6	9	0	0	0
Rice	0	3	3	3	12	15	0	1	1
Rock	0	1	1	0	1	1	0	0	0
Roseau	0	2	2	1	2	3	1	0	1
St. Louis	0	10	10	4	16	20	0	1	1
Scott	0	5	5	3	9	12	0	0	0
Sherburne	1	2	3	3	3	6	0	0	0
Sibley	0	2	2	1	10	11	0	0	0
Stearns	0	5	5	5	15	20	0	0	0
Steele	0	2	2	0	7	7	0	0	0
Stevens	0	0	0	0	0	0	0	0	0
Swift	0	2	2	0	1	1	0	0	0
Todd	0	1	1	0	4	4	0	0	0
Traverse	0	1	1	0	0	0	0	0	0
Wabasha	0	1	1	1	4	5	0	0	0
Wadena	0	4	4	1	4	5	0	0	0
Waseca	0	2	2	0	2	2	0	0	0
Washington	0	11	11	6	15	21	0	3	3
Watonwan	0	0	0	0	1	1	1	0	1
Wilkin	0	2	2	0	0	0	0	0	0
Winona	0	2	2	1	2	3	1	1	2
Wright	1	5	6	0	9	9	0	0	0
Yellow Medicine	0	0	0	1	1	2	0	0	0

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

Pedestrian: V02-V04 (.1,.9), V09.2

Falls: X00-X09

Mortality Table 4a: Number and Percent of Cancer Deaths by Type of Cancer Site and Sex in Minnesota by State and County, 1997-1999**

	Breast				Colon and Rectum			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	20	0.1	2,068	16.2	1,354	9.9	1,433	11.2
Aitkin	0	0.0	7	13.2	9	11.4	3	5.7
Anoka	0	0.0	79	16.3	31	6.0	41	8.4
Becker	0	0.0	18	21.4	15	11.6	9	10.7
Beltrami	0	0.0	12	14.3	8	8.5	8	9.5
Benton	0	0.0	19	21.8	12	13.6	12	13.8
Big Stone	0	0.0	2	6.5	7	18.4	6	19.4
Blue Earth	1	0.8	31	18.0	14	10.9	18	10.5
Brown	0	0.0	17	16.7	12	10.8	10	9.8
Carlton	0	0.0	13	14.9	12	11.8	10	11.5
Carver	0	0.0	17	15.5	14	11.9	11	10.0
Cass	0	0.0	10	13.0	11	9.2	9	11.7
Chippewa	0	0.0	8	15.1	8	14.5	8	15.1
Chisago	0	0.0	18	18.8	8	7.6	6	6.3
Clay	0	0.0	21	16.9	26	16.4	14	11.3
Clearwater	0	0.0	8	32.0	5	10.6	3	12.0
Cook	0	0.0	2	18.2	0	0.0	1	9.1
Cottonwood	0	0.0	6	12.2	11	17.5	6	12.2
Crow Wing	0	0.0	24	15.0	23	10.8	11	6.9
Dakota	2	0.3	105	16.4	63	9.9	80	12.5
Dodge	0	0.0	8	26.7	5	11.1	2	6.7
Douglas	0	0.0	17	18.3	10	8.6	8	8.6
Faribault	0	0.0	16	25.4	6	8.5	7	11.1
Fillmore	0	0.0	11	15.9	8	9.2	13	18.8
Freeborn	1	0.8	21	18.1	7	5.3	20	17.2
Goodhue	0	0.0	25	20.0	16	12.0	17	13.6
Grant	0	0.0	7	26.9	3	12.5	2	7.7
Hennepin	6	0.2	489	16.8	283	10.2	279	9.6
Houston	0	0.0	9	13.8	6	9.4	11	16.9
Hubbard	0	0.0	8	11.9	6	9.1	8	11.9
Isanti	1	1.0	13	21.3	7	7.1	4	6.6
Itasca	0	0.0	21	14.2	14	8.0	18	12.2
Jackson	0	0.0	6	17.1	4	12.5	3	8.6
Kanabec	0	0.0	8	19.5	5	8.5	4	9.8
Kandiyohi	0	0.0	18	15.4	14	10.9	13	11.1
Kittson	0	0.0	4	16.0	4	14.8	2	8.0
Koochiching	0	0.0	11	18.6	2	5.4	4	6.8
Lac Qui Parle	0	0.0	6	13.3	8	13.8	3	6.7
Lake	0	0.0	3	7.7	2	4.2	6	15.4
Lake of the Woods	0	0.0	0	0.0	2	9.5	1	8.3
Le Sueur	0	0.0	11	17.7	12	14.1	9	14.5
Lincoln	1	2.9	4	15.4	4	11.8	7	26.9
Lyon	0	0.0	11	18.6	7	7.8	7	11.9
McLeod	0	0.0	13	14.1	11	12.5	10	10.9
Mahnomen	0	0.0	11	44.0	4	21.1	4	16.0
Marshall	0	0.0	5	20.0	1	2.6	5	20.0
Martin	0	0.0	16	17.4	9	9.9	16	17.4
Meeker	0	0.0	9	12.7	6	7.9	12	16.9
Mille Lacs	0	0.0	14	15.6	10	10.6	16	17.8
Morrison	0	0.0	10	9.7	13	11.3	12	11.7

Mortality Table 4a: Number and Percent of Cancer Deaths by Type of Cancer Site and Sex in Minnesota by State and County, 1997-1999**

	Breast				Colon and Rectum			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	20	0.1	2,068	16.2	1,354	9.9	1,433	11.2
Mower	0	0.0	19	13.0	29	16.4	24	16.4
Murray	0	0.0	4	13.8	2	5.3	2	6.9
Nicollet	0	0.0	7	12.3	8	13.6	7	12.3
Nobles	0	0.0	11	16.9	9	11.7	11	16.9
Norman	0	0.0	4	19.0	3	6.5	2	9.5
Olmsted	0	0.0	62	20.7	30	10.3	29	9.7
Otter Tail	0	0.0	20	10.3	35	13.6	25	12.8
Pennington	0	0.0	7	21.2	5	9.6	8	24.2
Pine	0	0.0	10	14.3	6	5.1	8	11.4
Pipestone	0	0.0	6	20.0	3	5.1	4	13.3
Polk	0	0.0	14	12.0	17	12.3	17	14.5
Pope	0	0.0	2	3.9	6	11.8	7	13.7
Ramsey	2	0.1	236	15.5	115	8.4	173	11.4
Red Lake	0	0.0	1	6.3	2	11.8	3	18.8
Redwood	0	0.0	9	14.3	13	14.4	9	14.3
Renville	0	0.0	7	14.0	7	9.5	10	20.0
Rice	0	0.0	28	19.6	17	11.6	16	11.2
Rock	0	0.0	6	15.8	4	11.4	1	2.6
Roseau	0	0.0	12	26.7	4	7.4	5	11.1
St. Louis	1	0.1	94	13.5	72	9.2	75	10.7
Scott	0	0.0	26	19.1	9	7.0	18	13.2
Sherburne	0	0.0	17	14.8	11	9.7	15	13.0
Sibley	0	0.0	13	22.8	2	4.2	9	15.8
Stearns	2	0.6	32	13.6	34	9.8	19	8.1
Steele	0	0.0	11	12.0	17	20.2	9	9.8
Stevens	0	0.0	2	6.3	3	12.0	5	15.6
Swift	0	0.0	8	14.5	5	10.4	13	23.6
Todd	0	0.0	8	14.8	8	10.8	3	5.6
Traverse	0	0.0	6	28.6	2	8.0	2	9.5
Wabasha	0	0.0	10	13.9	4	5.4	10	13.9
Wadena	0	0.0	7	15.2	7	10.9	5	10.9
Waseca	0	0.0	10	19.6	4	6.7	2	3.9
Washington	3	0.8	65	17.6	28	7.5	40	10.8
Watsonwan	0	0.0	6	13.3	5	9.8	12	26.7
Wilkin	0	0.0	6	26.1	3	9.7	4	17.4
Winona	0	0.0	22	15.9	14	8.7	17	12.3
Wright	0	0.0	29	16.2	21	12.1	20	11.2
Yellow Medicine	0	0.0	9	19.1	12	22.2	5	10.6

Source: Minnesota Department of Health, Minnesota Cancer Surveillance System

**Includes number of deaths for the years 1997, 1998 and 1999.

*Percent = # specific cancers deaths in males for county (or state) / total cancers deaths in males for county (or state)

^Percent = # specific cancers deaths in females for county (or state) / total cancers deaths in females for county (or state)

ICD 9 and 10 Codes:

	ICD 9 (1997-98)	ICD 10 (1999)
Breast	174.0 - 174.9, 175	C50.0 - C50.6, C50.8 - C50.9
Colon and Rectum	153, 159.0, 154.0 - 154.1	C18 - C20, C26.0

Mortality Table 4b: Number and Percent of Cancer Deaths by Type of Cancer Site and Sex in Minnesota by State and County, 1997-1999**

	Lung				Prostate			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	3,794	27.9	2,694	21.1	1,759	12.9	0	0.0
Aitkin	24	30.4	18	34.0	8	10.1	0	0.0
Anoka	148	28.5	147	30.2	46	8.9	0	0.0
Becker	29	22.5	25	29.8	17	13.2	0	0.0
Beltrami	30	31.9	27	32.1	10	10.6	0	0.0
Benton	26	29.5	14	16.1	9	10.2	0	0.0
Big Stone	8	21.1	4	12.9	6	15.8	0	0.0
Blue Earth	34	26.4	30	17.4	18	14.0	0	0.0
Brown	20	18.0	14	13.7	17	15.3	0	0.0
Carlton	32	31.4	24	27.6	12	11.8	0	0.0
Carver	24	20.3	24	21.8	20	16.9	0	0.0
Cass	38	31.9	23	29.9	12	10.1	0	0.0
Chippewa	16	29.1	10	18.9	11	20.0	0	0.0
Chisago	30	28.6	25	26.0	22	21.0	0	0.0
Clay	43	27.0	19	15.3	21	13.2	0	0.0
Clearwater	17	36.2	7	28.0	7	14.9	0	0.0
Cook	2	18.2	3	27.3	0	0.0	0	0.0
Cottonwood	19	30.2	7	14.3	9	14.3	0	0.0
Crow Wing	70	33.0	38	23.8	22	10.4	0	0.0
Dakota	167	26.3	138	21.5	64	10.1	0	0.0
Dodge	14	31.1	3	10.0	6	13.3	0	0.0
Douglas	23	19.8	16	17.2	17	14.7	0	0.0
Faribault	19	26.8	3	4.8	12	16.9	0	0.0
Fillmore	25	28.7	9	13.0	22	25.3	0	0.0
Freeborn	40	30.5	15	12.9	24	18.3	0	0.0
Goodhue	36	27.1	21	16.8	21	15.8	0	0.0
Grant	5	20.8	4	15.4	4	16.7	0	0.0
Hennepin	795	28.6	668	22.9	320	11.5	0	0.0
Houston	19	29.7	10	15.4	14	21.9	0	0.0
Hubbard	22	33.3	15	22.4	12	18.2	0	0.0
Isanti	24	24.2	14	23.0	21	21.2	0	0.0
Itasca	53	30.1	39	26.4	28	15.9	0	0.0
Jackson	7	21.9	6	17.1	2	6.3	0	0.0
Kanabec	16	27.1	7	17.1	4	6.8	0	0.0
Kandiyohi	39	30.2	17	14.5	17	13.2	0	0.0
Kittson	7	25.9	6	24.0	6	22.2	0	0.0
Koochiching	9	24.3	25	42.4	9	24.3	0	0.0
Lac Qui Parle	10	17.2	12	26.7	18	31.0	0	0.0
Lake	18	37.5	10	25.6	0	0.0	0	0.0
Lake of the Woods	11	52.4	2	16.7	1	4.8	0	0.0
Le Sueur	19	22.4	7	11.3	11	12.9	0	0.0
Lincoln	4	11.8	2	7.7	9	26.5	0	0.0
Lyon	25	27.8	11	18.6	16	17.8	0	0.0
McLeod	19	21.6	21	22.8	7	8.0	0	0.0
Mahnomen	3	15.8	3	12.0	1	5.3	0	0.0
Marshall	12	30.8	3	12.0	5	12.8	0	0.0
Martin	24	26.4	11	12.0	11	12.1	0	0.0
Meeker	17	22.4	11	15.5	14	18.4	0	0.0
Mille Lacs	26	27.7	14	15.6	12	12.8	0	0.0
Morrison	31	27.0	25	24.3	16	13.9	0	0.0

Mortality Table 4b: Number and Percent of Cancer Deaths by Type of Cancer Site and Sex in Minnesota by State and County, 1997-1999**

	Lung				Prostate			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	3,794	27.9	2,694	21.1	1,759	12.9	0	0.0
Mower	49	27.7	27	18.5	19	10.7	0	0.0
Murray	13	34.2	4	13.8	6	15.8	0	0.0
Nicollet	19	32.2	14	24.6	7	11.9	0	0.0
Nobles	16	20.8	5	7.7	14	18.2	0	0.0
Norman	15	32.6	4	19.0	8	17.4	0	0.0
Olmsted	83	28.4	47	15.7	28	9.6	0	0.0
Otter Tail	62	24.0	41	21.0	42	16.3	0	0.0
Pennington	16	30.8	5	15.2	6	11.5	0	0.0
Pine	48	41.0	17	24.3	16	13.7	0	0.0
Pipestone	11	18.6	3	10.0	8	13.6	0	0.0
Polk	36	26.1	25	21.4	22	15.9	0	0.0
Pope	15	29.4	7	13.7	7	13.7	0	0.0
Ramsey	397	29.1	307	20.1	163	11.9	0	0.0
Red Lake	4	23.5	5	31.3	4	23.5	0	0.0
Redwood	22	24.4	11	17.5	12	13.3	0	0.0
Renville	23	31.1	5	10.0	10	13.5	0	0.0
Rice	47	32.0	28	19.6	14	9.5	0	0.0
Rock	12	34.3	5	13.2	5	14.3	0	0.0
Roseau	13	24.1	6	13.3	9	16.7	0	0.0
St. Louis	228	29.2	167	23.9	113	14.5	0	0.0
Scott	35	27.3	30	22.1	18	14.1	0	0.0
Sherburne	35	31.0	25	21.7	9	8.0	0	0.0
Sibley	12	25.0	4	7.0	5	10.4	0	0.0
Stearns	79	22.8	52	22.1	51	14.7	0	0.0
Steele	13	15.5	20	21.7	11	13.1	0	0.0
Stevens	7	28.0	7	21.9	4	16.0	0	0.0
Swift	17	35.4	8	14.5	6	12.5	0	0.0
Todd	20	27.0	8	14.8	9	12.2	0	0.0
Traverse	10	40.0	5	23.8	6	24.0	0	0.0
Wabasha	24	32.4	17	23.6	9	12.2	0	0.0
Wadena	10	15.6	4	8.7	12	18.8	0	0.0
Waseca	13	21.7	8	15.7	13	21.7	0	0.0
Washington	104	28.0	80	21.7	43	11.6	0	0.0
Watonwan	22	43.1	4	8.9	8	15.7	0	0.0
Wilkin	11	35.5	4	17.4	3	9.7	0	0.0
Winona	45	28.0	31	22.5	15	9.3	0	0.0
Wright	47	27.2	40	22.3	23	13.3	0	0.0
Yellow Medicine	12	22.2	7	14.9	10	18.5	0	0.0

Source: Minnesota Department of Health, Minnesota Cancer Surveillance System

**Includes number of deaths for the years 1997, 1998 and 1999.

*Percent = # specific cancers deaths in males for county (or state) / total cancers deaths in males for county (or state)

^Percent = # specific cancers deaths in females for county (or state) / total cancers deaths in females for county (or state)

ICD 9 and 10 Codes:

	<u>ICD 9 (1997-98)</u>	<u>ICD 10 (1999)</u>
Lung	162.2 - 162.9	C34.0 - C34.3, C34.8 - C34.9
Prostate	185	C61

Mortality Table 4c: Number and Percent of Cancer Deaths by Type of Cancer Site and Sex in Minnesota by State and County, 1997-1999**

	Other				Total			
	Men		Women		Men		Women	
	Number	Percent^	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	6,682	49.1	6,595	51.6	13,609	100.0	12,790	100.0
Aitkin	38	48.1	25	47.2	79	100.0	53	100.0
Anoka	294	56.6	219	45.1	519	100.0	486	100.0
Becker	68	52.7	32	38.1	129	100.0	84	100.0
Beltrami	46	48.9	37	44.0	94	100.0	84	100.0
Benton	41	46.6	42	48.3	88	100.0	87	100.0
Big Stone	17	44.7	19	61.3	38	100.0	31	100.0
Blue Earth	62	48.1	93	54.1	129	100.0	172	100.0
Brown	62	55.9	61	59.8	111	100.0	102	100.0
Carlton	46	45.1	40	46.0	102	100.0	87	100.0
Carver	60	50.8	58	52.7	118	100.0	110	100.0
Cass	58	48.7	35	45.5	119	100.0	77	100.0
Chippewa	20	36.4	27	50.9	55	100.0	53	100.0
Chisago	45	42.9	47	49.0	105	100.0	96	100.0
Clay	69	43.4	70	56.5	159	100.0	124	100.0
Clearwater	18	38.3	7	28.0	47	100.0	25	100.0
Cook	9	81.8	5	45.5	11	100.0	11	100.0
Cottonwood	24	38.1	30	61.2	63	100.0	49	100.0
Crow Wing	97	45.8	87	54.4	212	100.0	160	100.0
Dakota	339	53.4	318	49.6	635	100.0	641	100.0
Dodge	20	44.4	17	56.7	45	100.0	30	100.0
Douglas	66	56.9	52	55.9	116	100.0	93	100.0
Faribault	34	47.9	37	58.7	71	100.0	63	100.0
Fillmore	32	36.8	36	52.2	87	100.0	69	100.0
Freeborn	59	45.0	60	51.7	131	100.0	116	100.0
Goodhue	60	45.1	62	49.6	133	100.0	125	100.0
Grant	12	50.0	13	50.0	24	100.0	26	100.0
Hennepin	1,380	49.6	1,483	50.8	2,784	100.0	2,919	100.0
Houston	25	39.1	35	53.8	64	100.0	65	100.0
Hubbard	26	39.4	36	53.7	66	100.0	67	100.0
Isanti	46	46.5	30	49.2	99	100.0	61	100.0
Itasca	81	46.0	70	47.3	176	100.0	148	100.0
Jackson	19	59.4	20	57.1	32	100.0	35	100.0
Kanabec	34	57.6	22	53.7	59	100.0	41	100.0
Kandiyohi	59	45.7	69	59.0	129	100.0	117	100.0
Kittson	10	37.0	13	52.0	27	100.0	25	100.0
Koochiching	17	45.9	19	32.2	37	100.0	59	100.0
Lac Qui Parle	22	37.9	24	53.3	58	100.0	45	100.0
Lake	28	58.3	20	51.3	48	100.0	39	100.0
Lake of the Woods	7	33.3	9	75.0	21	100.0	12	100.0
Le Sueur	43	50.6	35	56.5	85	100.0	62	100.0
Lincoln	16	47.1	13	50.0	34	100.0	26	100.0
Lyon	42	46.7	30	50.8	90	100.0	59	100.0
McLeod	51	58.0	48	52.2	88	100.0	92	100.0
Mahnomen	11	57.9	7	28.0	19	100.0	25	100.0
Marshall	21	53.8	12	48.0	39	100.0	25	100.0
Martin	47	51.6	49	53.3	91	100.0	92	100.0
Meeker	39	51.3	39	54.9	76	100.0	71	100.0
Mille Lacs	46	48.9	46	51.1	94	100.0	90	100.0
Morrison	55	47.8	56	54.4	115	100.0	103	100.0

Mortality Table 4c: Number and Percent of Cancer Deaths by Type of Cancer Site and Sex in Minnesota by State and County, 1997-1999**

	Other				Total			
	Men		Women		Men		Women	
	Number	Percent^	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	6,682	49.1	6,595	51.6	13,609	100.0	12,790	100.0
Mower	80	45.2	76	52.1	177	100.0	146	100.0
Murray	17	44.7	19	65.5	38	100.0	29	100.0
Nicollet	25	42.4	29	50.9	59	100.0	57	100.0
Nobles	38	49.4	38	58.5	77	100.0	65	100.0
Norman	20	43.5	11	52.4	46	100.0	21	100.0
Olmsted	151	51.7	162	54.0	292	100.0	300	100.0
Otter Tail	119	46.1	109	55.9	258	100.0	195	100.0
Pennington	25	48.1	13	39.4	52	100.0	33	100.0
Pine	47	40.2	35	50.0	117	100.0	70	100.0
Pipestone	37	62.7	17	56.7	59	100.0	30	100.0
Polk	63	45.7	61	52.1	138	100.0	117	100.0
Pope	23	45.1	35	68.6	51	100.0	51	100.0
Ramsey	688	50.4	808	53.0	1,365	100.0	1,524	100.0
Red Lake	7	41.2	7	43.8	17	100.0	16	100.0
Redwood	43	47.8	34	54.0	90	100.0	63	100.0
Renville	34	45.9	28	56.0	74	100.0	50	100.0
Rice	69	46.9	71	49.7	147	100.0	143	100.0
Rock	14	40.0	26	68.4	35	100.0	38	100.0
Roseau	28	51.9	22	48.9	54	100.0	45	100.0
St. Louis	367	47.0	362	51.9	781	100.0	698	100.0
Scott	66	51.6	62	45.6	128	100.0	136	100.0
Sherburne	58	51.3	58	50.4	113	100.0	115	100.0
Sibley	29	60.4	31	54.4	48	100.0	57	100.0
Stearns	180	52.0	132	56.2	346	100.0	235	100.0
Steele	43	51.2	52	56.5	84	100.0	92	100.0
Stevens	11	44.0	18	56.3	25	100.0	32	100.0
Swift	20	41.7	26	47.3	48	100.0	55	100.0
Todd	37	50.0	35	64.8	74	100.0	54	100.0
Traverse	7	28.0	8	38.1	25	100.0	21	100.0
Wabasha	37	50.0	35	48.6	74	100.0	72	100.0
Wadena	35	54.7	30	65.2	64	100.0	46	100.0
Waseca	30	50.0	31	60.8	60	100.0	51	100.0
Washington	194	52.2	184	49.9	372	100.0	369	100.0
Watonwan	16	31.4	23	51.1	51	100.0	45	100.0
Wilkin	14	45.2	9	39.1	31	100.0	23	100.0
Winona	87	54.0	68	49.3	161	100.0	138	100.0
Wright	82	47.4	90	50.3	173	100.0	179	100.0
Yellow Medicine	20	37.0	26	55.3	54	100.0	47	100.0

Source: Minnesota Department of Health, Minnesota Cancer Surveillance System

**Includes number of deaths for the years 1997, 1998 and 1999.

*Percent = # specific cancers deaths in males for county (or state) / total cancers deaths in males for county (or state)

^Percent = # specific cancers deaths in females for county (or state) / total cancers deaths in females for county (or state)

ICD 9 and 10 Codes:

	<u>ICD 9 (1997-98)</u>	<u>ICD 10 (1999)</u>
Other	All Other Cancers	All Other Cancers
Total	All Cancers Listed as the Underlying Cause of Death	

Section CHS: Natality Tables by CHS Agency

Nativity Table 1: Selected Minnesota Natality Statistics by CHS Agency, 2001

(updated 04/15/03 - added death data and Natural Rate of Increase)

CHS Agency	Number of Births	Fertility Rate	Birth Rate	Percent Change in Births 2000-2001	Number of Deaths	Death Rate	Natural Rate of Increase
Aitkin, Itasca, Koochiching	712	54.8	9.7	-4.0	812	11.0	-1.4
Becker, Mahnomon, Norman	489	63.4	11.5	-5.2	453	10.6	0.8
Beltrami, Clearwater, Hubbard, Lake of the Woods	918	63.3	12.9	1.4	663	9.3	3.6
Benton, Sherburne	1,665	71.9	16.9	1.0	673	6.8	10.1
Big Stone, Chippewa, Lac Qui Parle, Swift, Yellow Medicine	450	53.0	9.0	-16.8	588	11.8	-2.8
Brown, Nicollet	626	50.0	11.0	-11.3	446	7.9	3.2
Carlton, Cook, Lake, St. Louis	2,426	48.1	9.8	-4.8	2,684	10.8	-1.0
Cass, Morrison, Todd, Wadena	1,181	67.0	12.2	5.2	1,046	10.8	1.4
Clay, Wilkin	498	35.5	8.5	-16.6	460	7.9	0.7
Cottonwood, Jackson	246	60.5	10.5	-9.6	277	11.8	-1.3
Dodge, Steele	738	68.2	14.4	5.0	439	8.5	5.8
Grant, Pope, Traverse, Stevens	292	47.8	9.2	-9.0	361	11.4	-2.2
Faribault, Martin	400	60.4	10.5	6.1	466	12.3	-1.7
Houston, Fillmore	458	59.8	11.2	-2.8	437	10.7	0.5
Isanti, Mille Lacs	646	58.6	12.1	-2.9	481	9.0	3.1
Kanabec, Pine	483	60.5	11.6	1.3	353	8.5	3.1
Kittson, Marshall, Pennington, Red Lake, Roseau	559	59.0	11.3	-5.9	484	9.7	1.5
Le Sueur, Waseca	585	66.5	13.0	6.8	405	9.0	4.0
Lincoln, Lyon, Murray, Pipestone	604	59.8	11.9	-1.6	538	10.6	1.3
Meeker, McLeod, Sibley	1,004	70.2	13.8	4.4	663	9.1	4.7
Nobles, Rock	422	73.9	13.8	6.8	323	10.6	3.2
Redwood, Renville	365	61.2	10.8	-10.1	426	12.5	-1.8

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 in the birth rate and death rate.

Nativity Table 2: Prematurity and Low Birth Weight of Singleton Births in Minnesota by CHS Agency, 2001

CHS Agency	Preterm Births		Low Birth Weight		Percent Very Low Birth Weight 1999-2001	Percent Small for Gestational Age
	Number	Percent	Number	Percent		
Aitkin, Itasca, Koochiching	39	6.5	27	3.9	0.6	3.2
Becker, Mahnomen, Norman	24	5.5	14	3.0	0.4	3.5
Beltrami, Clearwater, Hubbard, Lake of the Woods	57	7.5	41	4.7	1.0	3.3
Benton, Sherburne,	119	7.9	73	4.5	0.5	2.7
Big Stone, Chippewa, Lac Qui Parle, Swift, Yellow Medicine	34	8.0	23	5.2	0.8	3.6
Brown, Nicollet	46	8.0	27	4.5	0.4	3.0
Carlton, Cook, Lake, St. Louis	182	8.4	121	5.1	0.8	3.1
Cass, Morrison, Todd, Wadena	81	7.5	51	4.4	1.1	3.0
Clay, Wilkin	30	7.0	23	4.9	0.9	3.1
Cottonwood, Jackson	21	9.3	9	3.7	0.8	3.1
Dodge, Steele	64	9.5	39	5.5	0.8	2.8
Grant, Pope, Traverse, Stevens	15	5.5	17	6.1	0.8	3.3
Faribault, Martin	34	9.4	17	4.4	0.5	2.8
Houston, Fillmore	37	9.8	24	5.5	1.0	2.6
Isanti, Mille Lacs	40	6.9	26	4.1	1.0	3.3
Kanabec, Pine	31	8.1	26	5.6	0.8	4.2
Kittson, Marshall, Pennington, Red Lake, Roseau	45	8.6	22	4.0	0.8	2.1
Le Sueur, Waseca	35	6.7	24	4.2	0.3	4.1
Lincoln, Lyon, Murray, Pipestone	45	8.9	33	5.7	0.8	4.4
Meeker, McLeod, Sibley	63	7.0	34	3.5	0.8	2.6
Nobles, Rock	34	9.6	23	5.6	0.7	4.8
Redwood, Renville	18	5.9	11	3.1	0.9	1.6

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

Preterm Births: Live births of babies who are less than 37 weeks gestation at birth.

Low Birth Weight Births: Live births who are less than 2500 grams at birth.

Very Low Birth Weight Births: Live births who are born weighing less than 1500 grams.

Nativity Table 3: Minnesota Infant Mortality by CHS Agency, 1997 - 2001

(added 4/28/03)

CHS Agency	Number of Infant Deaths 2001	Infant Mortality Rate 1997-2001	Neonatal Mortality Rate 1997 - 2001	Post-neonatal Mortality Rate 1997 - 2001	Fetal Death Rate 1997 - 2001	Perinatal Death Rate 1997 - 2001	Infant Mortality Rate 1992-1996
Aitkin, Itasca, Koochiching	3	6.9	*	*	5.5	6.8	6.6
Becker, Mahnomon, Norman	3	*	*	*	*	*	*
Beltrami, Clearwater, Hubbard, Lake of the Woods	6	7.0	*	*	6.1	6.5	11.3
Benton, Sherburne,	6	5.0	3.5	*	4.7	5.1	5.3
Big Stone, Chippewa, Lac Qui Parle, Swift, Yellow Medicine	2	*	*	*	*	*	*
Brown, Nicollet	1	*	*	*	*	*	*
Carlton, Cook, Lake, St. Louis	19	6.5	4.3	2.2	5.1	6.6	7.1
Cass, Morrison, Todd, Wadena	7	5.7	3.9	*	5.5	6.2	7.9
Clay, Wilkin	3	10.3	*	*	*	*	6.9
Cottonwood, Jackson	1	*	*	*	*	*	*
Dodge, Steele	8	7.3	*	*	6.3	9.2	*
Grant, Pope, Traverse, Stevens	2	*	*	*	*	*	*
Faribault, Martin	0	*	*	*	*	*	*
Houston, Fillmore	2	*	*	*	*	*	*
Isanti, Mille Lacs	1	*	*	*	*	*	*
Kanabec, Pine	4	*	*	*	*	*	*
Kittson, Marshall, Pennington, Red Lake, Roseau	5	7.7	*	*	*	*	6.7
Le Sueur, Waseca	0	*	*	*	*	*	*
Lincoln, Lyon, Murray, Pipestone	4	*	*	*	7.6	7.6	*
Meeker, McLeod, Sibley	4	6.2	*	*	6.6	6.8	5.9
Nobles, Rock	1	*	*	*	*	*	*
Redwood, Renville	0	*	*	*	*	*	*

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

MN2004: Healthy Minnesotans: Public Health Improvement Goals (Fall, 1998)

HP2010: Healthy People 2010 Goals (U.S. Public Health Service)

*Rate not calculated for less than 20 events

Infant Mortality Rate: Number of infant deaths under one year of age per 1,000 live births.

Neonatal Death Rate: Number of infants dying under 28 days of age per 1,000 live births.

Postneonatal Mortality Rate: The number of infant deaths aged 28 days to one year per 1,000 live births.

Fetal Mortality Rate: The number of fetal deaths (deaths prior to the complete expulsion or extraction of a product of conception from its mother, irrespective of the duration of pregnancy, only fetal deaths of 20 weeks or more are reported) per 1,000 liv

Perinatal Mortality Rate: The number of fetal deaths of 20 weeks or greater plus the number of deaths to infants 0-6 days per 1000 live births plus fetal deaths of 20 weeks or greater.

Nativity Table 4: Prenatal Care in Minnesota by CHS Agency, 2001

CHS Agency	Percent of Prenatal Care Received in 1st Trimester	Percent Adequacy of Prenatal Care, GINDEX		
		Adequate or Better	Intermediate	Inadequate or None
Aitkin, Itasca, Koochiching	73.3	62.5	30.2	7.3
Becker, Mahnomen, Norman	74.5	58.9	35.7	5.4
Beltrami, Clearwater, Hubbard, Lake of the Woods	75.4	79.6	15.3	5.1
Benton, Sherburne,	80.7	76.0	18.4	5.5
Big Stone, Chippewa, Lac Qui Parle, Swift, Yellow Medicine	80.7	73.6	20.8	5.6
Brown, Nicollet	81.6	76.5	19.3	4.3
Carlton, Cook, Lake, St. Louis	82.5	74.3	19.8	5.9
Cass, Morrison, Todd, Wadena	82.6	74.9	21.5	3.6
Clay, Wilkin	83.6	73.8	22.6	3.6
Cottonwood, Jackson	83.7	77.6	19.2	3.3
Dodge, Steele	83.9	79.7	17.1	3.2
Grant, Pope, Traverse, Stevens	85.0	76.3	20.0	3.7
Faribault, Martin	85.9	73.2	23.8	3.1
Houston, Fillmore	86.6	82.9	14.5	2.6
Isanti, Mille Lacs	86.9	80.0	15.2	4.8
Kanabec, Pine	87.1	81.9	14.7	3.3
Kittson, Marshall, Pennington, Red Lake, Roseau	87.7	83.5	13.1	3.4
Le Sueur, Waseca	88.1	78.9	17.6	3.6
Lincoln, Lyon, Murray, Pipestone	88.5	88.0	11.1	0.9
Meeker, McLeod, Sibley	89.7	80.6	18.0	1.5
Nobles, Rock	89.7	80.2	16.2	3.5
Redwood, Renville	91.4	86.4	11.7	1.9

Source: Minnesota Department of Health, Center for Health Statistics

GINDEX: A prenatal care index determined by combining measures of the month or trimester prenatal care began, the number of prenatal visits, and the gestational age of the infant/fetus at the time of birth. The GINDEX includes gestational age over 36 weeks, and number of prenatal visits greater than nine to impute adequacy of prenatal care.

Adequate or Better: Prenatal care started in the 1st trimester *and* the woman had an adequate number of visits.

Intermediate: Prenatal care started in the 1st or 2nd trimester *and* the woman had an intermediate range of visits.

Inadequate or None: No prenatal care or the prenatal care started in the 3rd trimester *or* the woman had an inadequate range of visits, regardless of when prenatal care began.

Nativity Table 5: Obstetric Procedures in Minnesota by CHS Agency, 2001

CHS Agency	Cesarean Births - Percent	First Time Cesarean Births - Percent	Repeat Cesarean - Percent	Electric Fetal Monitoring - Percent	Ultrasound - Percent
Aitkin, Itasca, Koochiching	23.7	13.5	86.9	58.3	71.1
Becker, Mahnomon, Norman	25.6	13.3	81.1	83.6	55.2
Beltrami, Clearwater, Hubbard, Lake of the Woods	27.9	15.7	90.3	80.3	67.5
Benton, Sherburne,	22.2	13.7	89.2	71.7	61.7
Big Stone, Chippewa, Lac Qui Parle, Swift, Yellow Medicine	25.1	14.7	82.5	76.9	52.2
Brown, Nicollet	22.0	15.0	83.0	90.4	58.2
Carlton, Cook, Lake, St. Louis	24.5	13.8	85.8	89.0	47.4
Cass, Morrison, Todd, Wadena	21.9	10.9	78.3	78.1	66.9
Clay, Wilkin	25.0	14.7	77.3	76.3	23.5
Cottonwood, Jackson	24.8	11.0	77.3	89.4	71.1
Dodge, Steele	24.8	16.4	83.8	93.4	79.6
Grant, Pope, Traverse, Stevens	29.5	17.5	92.1	77.7	68.2
Faribault, Martin	27.0	15.3	90.4	82.0	87.0
Houston, Fillmore	16.2	11.2	79.3	72.7	69.4
Isanti, Mille Lacs	23.7	12.9	92.1	67.7	62.5
Kanabec, Pine	26.1	15.7	86.2	70.6	57.4
Kittson, Marshall, Pennington, Red Lake, Roseau	27.6	14.1	86.2	85.5	90.3
Le Sueur, Waseca	23.6	11.8	89.6	86.1	60.6
Lincoln, Lyon, Murray, Pipestone	27.5	14.2	79.2	77.5	60.8
Meeker, McLeod, Sibley	26.3	14.0	79.4	77.3	54.1
Nobles, Rock	24.4	15.4	88.4	82.0	60.4
Redwood, Renville	26.0	13.7	84.9	86.3	55.9

Source: Minnesota Department of Health, Center for Health Statistics

Electronic Fetal Monitoring: The percentage of live births where the health provider indicated on the birth certificate that electronic fetal monitoring was performed during labor and delivery.

Ultrasound: The percentage of live births where the health provider indicated on the birth certificate that ultrasound was performed during labor and delivery.

Nativity Table 6: Fertility and Family Planning in Minnesota by CHS Agency

	Pregnancies		Abortions			Percent of Women with Four or More Births	Percent of Women with Live Births within One Year
	Number	Rate	Number	Rate	Ratio		
Aitkin, Itasca, Koochiching	793	60.9	77	5.9	0.11	5.2	3.1
Becker, Mahnomen, Norman	497	64.5	7	*	0.01	6.4	4.9
Beltrami, Clearwater, Hubbard, Lake of the Woods	984	67.9	58	4.0	0.06	6.8	4.3
Benton, Sherburne,	1,862	80.4	189	8.2	0.11	3.4	3.1
Big Stone, Chippewa, Lac Qui Parle, Swift, Yellow Medicine	481	56.6	**	**	**	5.6	0.7
Brown, Nicollet	690	55.1	60	4.8	0.10	4.3	2.9
Carlton, Cook, Lake, St. Louis	2,933	58.1	494	9.8	0.20	4.2	3.0
Cass, Morrison, Todd, Wadena	1,251	70.9	**	**	**	7.3	2.1
Clay, Wilkin	507	36.2	**	**	**	4.8	5.0
Cottonwood, Jackson	254	62.5	6	*	0.02	7.3	2.4
Dodge, Steele	822	75.8	79	7.2	0.11	4.3	4.4
Grant, Pope, Traverse, Stevens	307	50.3	15	*	0.05	2.8	4.6
Faribault, Martin	432	65.2	29	4.4	0.07	3.8	3.0
Houston, Fillmore	490	64.1	32	4.2	0.07	6.0	3.8
Isanti, Mille Lacs	748	67.8	100	9.0	0.15	6.4	2.5
Kanabec, Pine	541	67.9	56	7.1	0.12	4.8	3.4
Kittson, Marshall, Pennington, Red Lake, Roseau	573	60.5	9	*	0.02	3.4	2.0
Le Sueur, Waseca	658	75.0	71	8.1	0.12	6.2	3.1
Lincoln, Lyon, Murray, Pipestone	624	61.8	18	*	0.03	3.3	3.4
Meeker, McLeod, Sibley	1,074	75.0	63	4.3	0.06	4.8	3.1
Nobles, Rock	430	75.3	6	*	0.01	5.7	1.9
Redwood, Renville	389	65.2	21	3.5	0.06	7.1	2.1

Source: Minnesota Department of Health, Center for Health Statistics

*Rate not calculated for less than 20 events

**Number, rate or ratio not reported if number of events is less than 6 for one of the counties.

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.

Abortion Ratio: Number of abortions/Number of births

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

Nativity Table 7: Minnesota Teen Birth and Pregnancy Rates by CHS Agency, 1999-2001

CHS Agency	Teen Birth Rates			Teen Pregnancy Rates		
	15-17 Years	18-19 Years	15-19 Years	15-17 Years	18-19 Years	15-19 Years
Aitkin, Itasca, Koochiching	13.9	64.3	30.9	17.0	77.3	37.3
Becker, Mahnommen, Norman	23.3	73.6	38.4	24.8	75.0	39.9
Beltrami, Clearwater, Hubbard, Lake of the Woods	23.7	74.7	44.8	25.2	80.7	48.2
Benton, Sherburne,	13.6	58.6	30.2	18.0	74.5	38.9
Big Stone, Chippewa, Lac Qui Parle, Swift, Yellow Medicine	12.2	66.2	27.8	15.1	74.5	32.2
Brown, Nicollet	11.7	26.8	18.9	15.8	30.3	22.8
Carlton, Cook, Lake, St. Louis	13.6	41.6	26.3	19.7	58.2	37.1
Cass, Morrison, Todd, Wadena	14.5	78.4	35.4	16.4	87.0	39.6
Clay, Wilkin	11.8	18.5	15.8	12.3	19.2	16.4
Cottonwood, Jackson	*	56.0	25.0	11.5	59.6	27.0
Dodge, Steele	16.5	61.1	31.1	20.9	76.3	39.0
Grant, Pope, Traverse, Stevens	*	18.2	12.3	9.3	23.0	15.7
Faribault, Martin	11.0	67.0	29.7	14.2	80.1	36.2
Houston, Fillmore	*	34.2	14.4	9.4	42.3	19.4
Isanti, Mille Lacs	11.7	71.3	31.6	17.6	86.7	40.7
Kanabec, Pine	17.2	89.4	41.0	20.3	105.8	48.5
Kittson, Marshall, Pennington, Red Lake, Roseau	7.0	63.8	25.8	7.3	63.8	26.0
Le Sueur, Waseca	13.9	63.2	30.0	17.1	79.5	37.6
Lincoln, Lyon, Murray, Pipestone	9.4	48.7	24.9	10.4	52.2	26.9
Meeker, McLeod, Sibley	12.5	76.8	32.6	16.1	88.8	38.8
Nobles, Rock	17.8	83.1	39.5	19.1	84.9	40.9
Redwood, Renville	15.6	82.6	34.2	17.9	90.6	38.1

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

*Rate not calculated for less than 20 events

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

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

Nativity Table 8: Socio-Demographic Factors Related to Birth Outcomes in Minnesota by CHS Agency, 2001

CHS Agency	Percent - Births to Unmarried Mothers	Percent - No Father on Birth Certificate	Percent - Mothers Smoked during Pregnancy	Percent - Maternal Education Status		
				Low	Medium	High
Aitkin, Itasca, Koochiching	34.1	6.0	18.4	7.6	37.3	55.0
Becker, Mahnommen, Norman	39.7	11.5	25.5	11.5	42.9	45.6
Beltrami, Clearwater, Hubbard, Lake of the Woods	43.5	12.8	20.2	15.7	36.9	47.4
Benton, Sherburne,	20.1	3.7	13.0	5.6	30.4	64.0
Big Stone, Chippewa, Lac Qui Parle, Swift, Yellow Medicine	24.7	5.1	17.1	10.8	29.1	60.1
Brown, Nicollet	25.7	5.0	11.5	6.3	25.6	68.2
Carlton, Cook, Lake, St. Louis	31.6	7.7	22.7	7.6	32.4	60.0
Cass, Morrison, Todd, Wadena	32.4	7.0	23.3	11.0	38.9	50.1
Clay, Wilkin	27.8	9.3	14.3	7.0	25.5	67.6
Cottonwood, Jackson	24.4	5.3	10.2	10.2	33.7	56.1
Dodge, Steele	23.4	6.1	13.8	11.1	35.8	53.2
Grant, Pope, Traverse, Stevens	18.8	4.5	11.0	4.8	27.7	67.5
Faribault, Martin	33.3	7.3	16.9	12.2	34.4	53.4
Houston, Fillmore	17.9	13.4	9.6	8.1	26.5	65.4
Isanti, Mille Lacs	26.3	4.2	21.9	8.7	38.8	52.6
Kanabec, Pine	35.8	5.4	26.7	15.7	35.9	48.4
Kittson, Marshall, Pennington, Red Lake, Roseau	24.3	4.7	15.6	6.0	40.3	53.7
Le Sueur, Waseca	30.0	8.7	15.3	12.5	36.7	50.8
Lincoln, Lyon, Murray, Pipestone	26.3	8.9	15.0	11.2	25.7	63.1
Meeker, McLeod, Sibley	23.7	6.7	12.1	10.7	33.7	55.6
Nobles, Rock	33.2	10.9	7.2	27.9	26.5	45.6
Redwood, Renville	27.4	5.5	16.4	13.3	35.6	51.1

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

Maternal Educational Status (Low, Medium, High): A calculation of the percentage of mothers who have reached an educational status based on age of mother and number of school years completed.

Nativity Table 9: Race and Ethnicity of Mother in Minnesota by CHS Agency, 2001

CHS Agency	Race of Mother - Percent					Ethnicity of Mother - Percent	
	White	African American	Native American	Asian	Unknown / Other	Hispanic (any race)	Not Hispanic
Aitkin, Itasca, Koochiching	93.5	0.1	5.5	0.3	0.6	0.9	99.2
Becker, Mahnomen, Norman	75.5	0.8	23.3	0.2	0.2	1.6	98.5
Beltrami, Clearwater, Hubbard, Lake of the Woods	72.4	0.2	25.3	1.1	1.0	0.6	99.5
Benton, Sherburne,	97.6	0.7	0.4	1.3	0.1	1.5	98.5
Big Stone, Chippewa, Lac Qui Parle, Swift, Yellow Medicine	95.3	0.4	2.2	1.6	0.4	4.5	95.5
Brown, Nicollet	96.0	1.9	0.2	1.8	0.2	4.7	95.4
Carlton, Cook, Lake, St. Louis	92.3	1.4	4.4	1.1	0.8	0.9	99.1
Cass, Morrison, Todd, Wadena	91.3	0.5	7.5	0.4	0.3	3.3	96.7
Clay, Wilkin	93.2	1.6	3.2	1.4	0.6	9.1	90.9
Cottonwood, Jackson	95.1	0.8	0.4	2.9	0.8	3.7	96.3
Dodge, Steele	95.4	3.1		1.2	0.3	9.2	90.8
Grant, Pope, Traverse, Stevens	95.9	0.7	2.1	1.0	0.3	2.1	97.9
Faribault, Martin	97.8	0.8	0.5	0.8	0.3	7.3	92.7
Houston, Fillmore	98.9	0.4		0.4	0.2	0.2	99.8
Isanti, Mille Lacs	95.4		4.0	0.2	0.5	1.6	98.4
Kanabec, Pine	96.5		2.3	1.0	0.2	0.8	99.2
Kittson, Marshall, Pennington, Red Lake, Roseau	94.8	0.2	2.2	2.9		2.5	97.5
Le Sueur, Waseca	96.4	1.9	0.3	0.9	0.5	13.1	86.9
Lincoln, Lyon, Murray, Pipestone	94.0	2.8	1.0	2.0	0.2	7.9	92.1
Meecker, McLeod, Sibley	97.5	0.4	0.3	1.4	0.4	10.7	89.3
Nobles, Rock	88.6	2.1	1.0	4.5	3.8	24.3	75.7
Redwood, Renville	93.2	0.3	5.8	0.3	0.6	11.5	88.5

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

State of Minnesota – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	43	7.7	370	66.1	560	100.0
5 – 14	344	19.1	1,257	69.8	1,801	100.0
15 – 19	1,769	25.2	4,275	61.0	7,011	100.0
20 – 24	1,207	22.5	3,390	63.1	5,374	100.0
25 – 29	632	18.0	2,381	67.6	3,520	100.0
30 – 34	444	13.8	2,318	72.1	3,214	100.0
35 – 44	748	12.6	4,420	74.4	5,942	100.0
45 – 54	450	10.3	3,332	76.4	4,360	100.0
55 – 64	227	10.3	1,708	77.5	2,203	100.0
65 and over	295	10.2	2,256	78.0	2,892	100.0
Total*	6,329	16.5	26,370	68.7	38,389	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Aitkin County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	2	66.7	1	33.3	3	100.0
15 – 19	8	38.1	13	61.9	21	100.0
20 – 24	3	30.0	7	70.0	10	100.0
25 – 29	3	37.5	4	50.0	8	100.0
30 – 34	3	75.0	1	25.0	4	100.0
35 – 44	3	15.8	15	78.9	19	100.0
45 – 54	2	16.7	8	66.7	12	100.0
55 – 64	0	0.0	4	80.0	5	100.0
65 and over	8	44.4	10	55.6	18	100.0
Total*	32	32.0	63	63.0	100	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Anoka County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	2	4.7	25	58.1	43	100.0
5 – 14	18	16.5	79	72.5	109	100.0
15 – 19	100	23.3	261	60.7	430	100.0
20 – 24	53	19.8	176	65.7	268	100.0
25 – 29	24	16.8	90	62.9	143	100.0
30 – 34	26	14.1	134	72.8	184	100.0
35 – 44	31	8.6	273	76.0	359	100.0
45 – 54	20	8.1	195	78.9	247	100.0
55 – 64	14	10.3	98	72.1	136	100.0
65 and over	11	7.5	125	85.6	146	100.0
Total*	305	14.3	1,491	69.7	2,140	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Becker County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	25.0	2	50.0	4	100.0
5 – 14	1	9.1	9	81.8	11	100.0
15 – 19	17	40.5	19	45.2	42	100.0
20 – 24	13	35.1	15	40.5	37	100.0
25 – 29	3	25.0	8	66.7	12	100.0
30 – 34	5	35.7	8	57.1	14	100.0
35 – 44	3	13.6	17	77.3	22	100.0
45 – 54	3	12.5	18	75.0	24	100.0
55 – 64	2	18.2	9	81.8	11	100.0
65 and over	1	4.5	19	86.4	22	100.0
Total*	50	24.3	126	61.2	206	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Beltrami County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	2	25.0	5	62.5	8	100.0
5 – 14	5	31.3	7	43.8	16	100.0
15 – 19	15	29.4	29	56.9	51	100.0
20 – 24	7	17.1	17	41.5	41	100.0
25 – 29	10	41.7	6	25.0	24	100.0
30 – 34	2	14.3	8	57.1	14	100.0
35 – 44	4	13.3	17	56.7	30	100.0
45 – 54	10	22.7	28	63.6	44	100.0
55 – 64	2	13.3	11	73.3	15	100.0
65 and over	1	3.6	21	75.0	28	100.0
Total*	59	20.9	153	54.3	282	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Benton County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	33.3	3	100.0
5 – 14	3	18.8	13	81.3	16	100.0
15 – 19	13	22.0	39	66.1	59	100.0
20 – 24	15	36.6	22	53.7	41	100.0
25 – 29	7	28.0	16	64.0	25	100.0
30 – 34	3	15.8	13	68.4	19	100.0
35 – 44	8	14.5	40	72.7	55	100.0
45 – 54	4	14.8	20	74.1	27	100.0
55 – 64	0	0.0	4	57.1	7	100.0
65 and over	2	5.4	31	83.8	37	100.0
Total*	60	19.8	205	67.7	303	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Big Stone County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	100.0	1	100.0
5 – 14	0	0.0	2	66.7	3	100.0
15 – 19	4	22.2	9	50.0	18	100.0
20 – 24	3	50.0	2	33.3	6	100.0
25 – 29	1	33.3	2	66.7	3	100.0
30 – 34	0	0.0	1	100.0	1	100.0
35 – 44	1	20.0	3	60.0	5	100.0
45 – 54	0	0.0	1	33.3	3	100.0
55 – 64	0	0.0	0	0.0	1	100.0
65 and over	0	0.0	4	100.0	4	100.0
Total*	9	19.6	25	54.3	46	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Blue Earth County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	5	83.3	6	100.0
5 – 14	5	23.8	15	71.4	21	100.0
15 – 19	17	17.3	76	77.6	98	100.0
20 – 24	21	26.6	51	64.6	79	100.0
25 – 29	1	2.4	39	92.9	42	100.0
30 – 34	8	36.4	13	59.1	22	100.0
35 – 44	1	2.2	37	82.2	45	100.0
45 – 54	5	12.2	30	73.2	41	100.0
55 – 64	4	13.8	19	65.5	29	100.0
65 and over	3	9.7	25	80.6	31	100.0
Total*	67	15.5	317	73.4	432	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Brown County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	100.0	1	100.0
5 – 14	2	50.0	1	25.0	4	100.0
15 – 19	18	37.5	23	47.9	48	100.0
20 – 24	4	22.2	10	55.6	18	100.0
25 – 29	0	0.0	5	83.3	6	100.0
30 – 34	2	18.2	5	45.5	11	100.0
35 – 44	1	7.1	13	92.9	14	100.0
45 – 54	0	0.0	8	88.9	9	100.0
55 – 64	1	14.3	6	85.7	7	100.0
65 and over	3	15.8	15	78.9	19	100.0
Total*	31	21.4	89	61.4	145	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Carlton County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	2	100.0	0	0.0	2	100.0
5 – 14	2	66.7	1	33.3	3	100.0
15 – 19	8	34.8	14	60.9	23	100.0
20 – 24	5	12.2	33	80.5	41	100.0
25 – 29	2	25.0	3	37.5	8	100.0
30 – 34	1	5.9	12	70.6	17	100.0
35 – 44	5	21.7	17	73.9	23	100.0
45 – 54	5	20.0	18	72.0	25	100.0
55 – 64	3	23.1	8	61.5	13	100.0
65 and over	3	20.0	9	60.0	15	100.0
Total*	36	20.8	116	67.1	173	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Carver County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	11.1	6	66.7	9	100.0
5 – 14	3	9.7	22	71.0	31	100.0
15 – 19	34	26.8	85	66.9	127	100.0
20 – 24	17	25.4	41	61.2	67	100.0
25 – 29	7	20.0	22	62.9	35	100.0
30 – 34	7	13.7	38	74.5	51	100.0
35 – 44	11	13.3	56	67.5	83	100.0
45 – 54	3	4.8	58	92.1	63	100.0
55 – 64	5	16.1	20	64.5	31	100.0
65 and over	3	9.1	28	84.8	33	100.0
Total*	91	16.9	382	70.7	540	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Cass County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	100.0	1	100.0
5 – 14	2	33.3	4	66.7	6	100.0
15 – 19	24	37.5	31	48.4	64	100.0
20 – 24	18	48.6	14	37.8	37	100.0
25 – 29	8	40.0	9	45.0	20	100.0
30 – 34	6	33.3	10	55.6	18	100.0
35 – 44	12	27.9	21	48.8	43	100.0
45 – 54	6	21.4	18	64.3	28	100.0
55 – 64	4	23.5	7	41.2	17	100.0
65 and over	0	0.0	14	87.5	16	100.0
Total*	82	31.9	131	51.0	257	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Chippewa County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	1	50.0	1	50.0	2	100.0
15 – 19	10	38.5	16	61.5	26	100.0
20 – 24	4	44.4	5	55.6	9	100.0
25 – 29	2	40.0	3	60.0	5	100.0
30 – 34	1	20.0	2	40.0	5	100.0
35 – 44	2	20.0	6	60.0	10	100.0
45 – 54	1	11.1	7	77.8	9	100.0
55 – 64	0	0.0	3	100.0	3	100.0
65 and over	3	17.6	13	76.5	17	100.0
Total*	27	29.0	60	64.5	93	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Chisago County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	4	66.7	6	100.0
5 – 14	2	8.3	15	62.5	24	100.0
15 – 19	34	36.2	50	53.2	94	100.0
20 – 24	15	31.3	23	47.9	48	100.0
25 – 29	7	25.9	18	66.7	27	100.0
30 – 34	5	13.5	25	67.6	37	100.0
35 – 44	7	16.3	29	67.4	43	100.0
45 – 54	4	11.1	28	77.8	36	100.0
55 – 64	2	11.8	14	82.4	17	100.0
65 and over	3	8.8	26	76.5	34	100.0
Total*	82	21.9	235	62.7	375	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Clay County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	5	83.3	6	100.0
5 – 14	6	33.3	12	66.7	18	100.0
15 – 19	18	29.5	34	55.7	61	100.0
20 – 24	16	25.0	39	60.9	64	100.0
25 – 29	3	23.1	9	69.2	13	100.0
30 – 34	3	12.0	17	68.0	25	100.0
35 – 44	5	11.6	34	79.1	43	100.0
45 – 54	5	11.9	32	76.2	42	100.0
55 – 64	1	5.6	15	83.3	18	100.0
65 and over	5	12.2	32	78.0	41	100.0
Total*	64	18.9	232	68.6	338	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Clearwater County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	2	100.0	2	100.0
5 – 14	0	0.0	0	0.0	1	100.0
15 – 19	3	33.3	5	55.6	9	100.0
20 – 24	2	28.6	2	28.6	7	100.0
25 – 29	2	100.0	0	0.0	2	100.0
30 – 34	1	20.0	3	60.0	5	100.0
35 – 44	4	80.0	1	20.0	5	100.0
45 – 54	1	20.0	3	60.0	5	100.0
55 – 64	0	0.0	1	100.0	1	100.0
65 and over	0	0.0	5	100.0	5	100.0
Total*	13	30.2	22	51.2	43	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Cook County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	0	0.0	0	0.0
15 – 19	4	36.4	7	63.6	11	100.0
20 – 24	3	37.5	5	62.5	8	100.0
25 – 29	2	100.0	0	0.0	2	100.0
30 – 34	1	50.0	1	50.0	2	100.0
35 – 44	1	12.5	7	87.5	8	100.0
45 – 54	2	50.0	1	25.0	4	100.0
55 – 64	2	100.0	0	0.0	2	100.0
65 and over	0	0.0	4	100.0	4	100.0
Total*	15	34.1	25	56.8	44	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Cottonwood County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	1	100.0
5 – 14	1	16.7	5	83.3	6	100.0
15 – 19	9	45.0	7	35.0	20	100.0
20 – 24	0	0.0	0	0.0	1	100.0
25 – 29	4	66.7	2	33.3	6	100.0
30 – 34	0	0.0	3	100.0	3	100.0
35 – 44	1	12.5	5	62.5	8	100.0
45 – 54	1	16.7	2	33.3	6	100.0
55 – 64	1	20.0	4	80.0	5	100.0
65 and over	1	50.0	1	50.0	2	100.0
Total*	18	29.0	32	51.6	62	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Crow Wing County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	6	54.5	11	100.0
5 – 14	5	22.7	13	59.1	22	100.0
15 – 19	31	26.7	65	56.0	116	100.0
20 – 24	25	32.9	33	43.4	76	100.0
25 – 29	14	30.4	24	52.2	46	100.0
30 – 34	8	22.2	21	58.3	36	100.0
35 – 44	12	14.5	54	65.1	83	100.0
45 – 54	9	10.7	57	67.9	84	100.0
55 – 64	2	5.6	28	77.8	36	100.0
65 and over	4	8.0	36	72.0	50	100.0
Total*	112	19.4	342	59.4	576	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Dakota County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	2.5	27	67.5	40	100.0
5 – 14	16	14.7	79	72.5	109	100.0
15 – 19	83	20.5	257	63.5	405	100.0
20 – 24	57	18.9	201	66.8	301	100.0
25 – 29	24	11.4	149	71.0	210	100.0
30 – 34	23	10.1	178	78.4	227	100.0
35 – 44	34	8.3	328	79.6	412	100.0
45 – 54	21	7.1	227	76.7	296	100.0
55 – 64	11	7.5	117	79.6	147	100.0
65 and over	11	7.9	112	80.0	140	100.0
Total*	287	12.2	1,695	71.9	2,356	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Dodge County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	100.0	1	100.0
5 – 14	7	53.8	6	46.2	13	100.0
15 – 19	8	24.2	24	72.7	33	100.0
20 – 24	5	23.8	11	52.4	21	100.0
25 – 29	5	55.6	2	22.2	9	100.0
30 – 34	2	25.0	5	62.5	8	100.0
35 – 44	8	38.1	11	52.4	21	100.0
45 – 54	3	25.0	9	75.0	12	100.0
55 – 64	1	11.1	8	88.9	9	100.0
65 and over	0	0.0	10	83.3	12	100.0
Total*	40	27.6	89	61.4	145	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Douglas County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	5	83.3	6	100.0
5 – 14	7	43.8	9	56.3	16	100.0
15 – 19	25	33.8	38	51.4	74	100.0
20 – 24	15	24.2	42	67.7	62	100.0
25 – 29	4	28.6	8	57.1	14	100.0
30 – 34	4	16.7	18	75.0	24	100.0
35 – 44	6	13.0	35	76.1	46	100.0
45 – 54	9	25.0	25	69.4	36	100.0
55 – 64	3	15.0	16	80.0	20	100.0
65 and over	3	7.5	30	75.0	40	100.0
Total*	76	20.9	238	65.6	363	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Faribault County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	2	66.7	3	100.0
5 – 14	0	0.0	2	100.0	2	100.0
15 – 19	8	33.3	14	58.3	24	100.0
20 – 24	2	22.2	4	44.4	9	100.0
25 – 29	6	60.0	4	40.0	10	100.0
30 – 34	2	25.0	6	75.0	8	100.0
35 – 44	4	50.0	3	37.5	8	100.0
45 – 54	2	15.4	9	69.2	13	100.0
55 – 64	0	0.0	3	50.0	6	100.0
65 and over	3	15.8	13	68.4	19	100.0
Total*	27	25.7	63	60.0	105	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Fillmore County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	50.0	1	50.0	2	100.0
5 – 14	4	44.4	4	44.4	9	100.0
15 – 19	11	33.3	18	54.5	33	100.0
20 – 24	5	29.4	10	58.8	17	100.0
25 – 29	1	20.0	3	60.0	5	100.0
30 – 34	1	20.0	3	60.0	5	100.0
35 – 44	0	0.0	10	100.0	10	100.0
45 – 54	3	18.8	10	62.5	16	100.0
55 – 64	2	18.2	7	63.6	11	100.0
65 and over	2	16.7	8	66.7	12	100.0
Total*	31	25.2	76	61.8	123	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Freeborn County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	2	66.7	3	100.0
5 – 14	4	30.8	8	61.5	13	100.0
15 – 19	11	23.4	25	53.2	47	100.0
20 – 24	12	30.0	19	47.5	40	100.0
25 – 29	11	52.4	9	42.9	21	100.0
30 – 34	8	33.3	14	58.3	24	100.0
35 – 44	6	15.8	24	63.2	38	100.0
45 – 54	3	16.7	12	66.7	18	100.0
55 – 64	0	0.0	10	83.3	12	100.0
65 and over	6	22.2	18	66.7	27	100.0
Total*	61	24.4	141	56.4	250	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Goodhue County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	4	80.0	5	100.0
5 – 14	5	25.0	14	70.0	20	100.0
15 – 19	37	32.2	63	54.8	115	100.0
20 – 24	18	28.1	29	45.3	64	100.0
25 – 29	9	33.3	14	51.9	27	100.0
30 – 34	3	15.8	14	73.7	19	100.0
35 – 44	9	18.4	30	61.2	49	100.0
45 – 54	5	12.8	33	84.6	39	100.0
55 – 64	6	16.7	28	77.8	36	100.0
65 and over	8	17.8	34	75.6	45	100.0
Total*	100	23.5	270	63.4	426	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Grant County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	1	100.0	0	0.0	1	100.0
15 – 19	3	37.5	5	62.5	8	100.0
20 – 24	3	33.3	6	66.7	9	100.0
25 – 29	1	25.0	3	75.0	4	100.0
30 – 34	2	50.0	2	50.0	4	100.0
35 – 44	1	14.3	4	57.1	7	100.0
45 – 54	1	14.3	5	71.4	7	100.0
55 – 64	0	0.0	4	100.0	4	100.0
65 and over	0	0.0	1	100.0	1	100.0
Total*	12	26.7	30	66.7	45	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Hennepin County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	8	6.2	87	66.9	130	100.0
5 – 14	45	12.1	277	74.3	373	100.0
15 – 19	199	18.7	720	67.5	1,067	100.0
20 – 24	210	15.5	953	70.1	1,359	100.0
25 – 29	140	12.3	835	73.2	1,141	100.0
30 – 34	92	9.3	754	76.0	992	100.0
35 – 44	142	8.7	1,277	78.0	1,637	100.0
45 – 54	75	6.5	929	80.4	1,156	100.0
55 – 64	37	7.0	432	81.8	528	100.0
65 and over	35	6.4	434	79.9	543	100.0
Total*	1,056	11.1	6,950	73.2	9,491	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Houston County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	1	14.3	6	85.7	7	100.0
15 – 19	10	37.0	15	55.6	27	100.0
20 – 24	7	58.3	3	25.0	12	100.0
25 – 29	4	44.4	4	44.4	9	100.0
30 – 34	2	33.3	3	50.0	6	100.0
35 – 44	3	23.1	10	76.9	13	100.0
45 – 54	1	11.1	8	88.9	9	100.0
55 – 64	1	10.0	6	60.0	10	100.0
65 and over	2	20.0	6	60.0	10	100.0
Total*	31	29.2	61	57.5	106	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Hubbard County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	100.0	0	0.0	1	100.0
5 – 14	2	25.0	6	75.0	8	100.0
15 – 19	13	44.8	12	41.4	29	100.0
20 – 24	8	44.4	9	50.0	18	100.0
25 – 29	4	25.0	11	68.8	16	100.0
30 – 34	4	80.0	1	20.0	5	100.0
35 – 44	5	23.8	16	76.2	21	100.0
45 – 54	3	20.0	11	73.3	15	100.0
55 – 64	1	50.0	1	50.0	2	100.0
65 and over	2	14.3	5	35.7	14	100.0
Total*	44	33.6	73	55.7	131	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Isanti County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	2	66.7	3	100.0
5 – 14	0	0.0	18	100.0	18	100.0
15 – 19	21	32.3	32	49.2	65	100.0
20 – 24	9	25.0	22	61.1	36	100.0
25 – 29	7	31.8	12	54.5	22	100.0
30 – 34	4	22.2	11	61.1	18	100.0
35 – 44	1	2.2	39	84.8	46	100.0
45 – 54	5	17.2	19	65.5	29	100.0
55 – 64	2	22.2	6	66.7	9	100.0
65 and over	5	18.5	21	77.8	27	100.0
Total*	54	18.6	195	67.0	291	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Itasca County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	7	100.0
5 – 14	2	16.7	9	75.0	12	100.0
15 – 19	21	26.6	45	57.0	79	100.0
20 – 24	13	33.3	21	53.8	39	100.0
25 – 29	4	16.0	18	72.0	25	100.0
30 – 34	9	40.9	8	36.4	22	100.0
35 – 44	16	30.8	27	51.9	52	100.0
45 – 54	6	11.3	34	64.2	53	100.0
55 – 64	2	14.3	10	71.4	14	100.0
65 and over	3	10.3	23	79.3	29	100.0
Total*	76	22.4	200	58.8	340	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Jackson County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	1	20.0	2	40.0	5	100.0
15 – 19	6	21.4	14	50.0	28	100.0
20 – 24	2	16.7	8	66.7	12	100.0
25 – 29	1	25.0	3	75.0	4	100.0
30 – 34	2	25.0	5	62.5	8	100.0
35 – 44	3	37.5	5	62.5	8	100.0
45 – 54	3	50.0	2	33.3	6	100.0
55 – 64	0	0.0	1	50.0	2	100.0
65 and over	0	0.0	5	50.0	10	100.0
Total*	18	20.9	46	53.5	86	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Kanabec County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	2	40.0	3	60.0	5	100.0
15 – 19	8	33.3	10	41.7	24	100.0
20 – 24	3	30.0	7	70.0	10	100.0
25 – 29	3	33.3	6	66.7	9	100.0
30 – 34	1	20.0	4	80.0	5	100.0
35 – 44	1	7.1	13	92.9	14	100.0
45 – 54	1	12.5	6	75.0	8	100.0
55 – 64	1	4.8	17	81.0	21	100.0
65 and over	2	15.4	10	76.9	13	100.0
Total*	23	20.2	78	68.4	114	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Kandiyohi County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	3	75.0	4	100.0
5 – 14	7	25.0	21	75.0	28	100.0
15 – 19	39	39.0	50	50.0	100	100.0
20 – 24	22	35.5	32	51.6	62	100.0
25 – 29	4	14.3	20	71.4	28	100.0
30 – 34	8	30.8	17	65.4	26	100.0
35 – 44	3	6.1	39	79.6	49	100.0
45 – 54	5	14.3	27	77.1	35	100.0
55 – 64	2	9.5	19	90.5	21	100.0
65 and over	4	12.1	29	87.9	33	100.0
Total*	96	24.2	261	65.9	396	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Kittson County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	1	100.0	0	0.0	1	100.0
15 – 19	2	66.7	1	33.3	3	100.0
20 – 24	0	0.0	2	66.7	3	100.0
25 – 29	1	100.0	0	0.0	1	100.0
30 – 34	0	0.0	0	0.0	0	0.0
35 – 44	0	0.0	1	50.0	2	100.0
45 – 54	0	0.0	1	100.0	1	100.0
55 – 64	1	50.0	0	0.0	2	100.0
65 and over	1	33.3	2	66.7	3	100.0
Total*	6	37.5	7	43.8	16	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Koochiching County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	1	100.0
5 – 14	1	25.0	3	75.0	4	100.0
15 – 19	9	32.1	10	35.7	28	100.0
20 – 24	3	21.4	7	50.0	14	100.0
25 – 29	1	11.1	3	33.3	9	100.0
30 – 34	3	42.9	4	57.1	7	100.0
35 – 44	2	16.7	8	66.7	12	100.0
45 – 54	3	27.3	6	54.5	11	100.0
55 – 64	1	20.0	4	80.0	5	100.0
65 and over	1	7.7	12	92.3	13	100.0
Total*	24	22.6	58	54.7	106	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Lac Qui Parle County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	0	0.0	0	0.0
15 – 19	4	36.4	6	54.5	11	100.0
20 – 24	1	50.0	1	50.0	2	100.0
25 – 29	0	0.0	0	0.0	0	0.0
30 – 34	1	100.0	0	0.0	1	100.0
35 – 44	0	0.0	2	100.0	2	100.0
45 – 54	0	0.0	0	0.0	0	0.0
55 – 64	0	0.0	2	66.7	3	100.0
65 and over	0	0.0	2	100.0	2	100.0
Total*	6	27.3	13	59.1	22	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Lake County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	2	100.0	2	100.0
15 – 19	5	31.3	6	37.5	16	100.0
20 – 24	3	20.0	12	80.0	15	100.0
25 – 29	3	30.0	6	60.0	10	100.0
30 – 34	0	0.0	9	90.0	10	100.0
35 – 44	2	15.4	9	69.2	13	100.0
45 – 54	1	10.0	7	70.0	10	100.0
55 – 64	0	0.0	9	90.0	10	100.0
65 and over	0	0.0	11	100.0	11	100.0
Total*	14	14.3	71	72.4	98	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Lake of the Woods County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	1	100.0	0	0.0	1	100.0
15 – 19	1	20.0	4	80.0	5	100.0
20 – 24	0	0.0	1	50.0	2	100.0
25 – 29	1	100.0	0	0.0	1	100.0
30 – 34	0	0.0	0	0.0	0	0.0
35 – 44	1	50.0	1	50.0	2	100.0
45 – 54	0	0.0	0	0.0	0	0.0
55 – 64	0	0.0	0	0.0	0	0.0
65 and over	0	0.0	2	100.0	2	100.0
Total*	4	30.8	8	61.5	13	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Le Sueur County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	100.0	1	100.0
5 – 14	6	28.6	10	47.6	21	100.0
15 – 19	11	20.0	39	70.9	55	100.0
20 – 24	7	33.3	13	61.9	21	100.0
25 – 29	8	53.3	6	40.0	15	100.0
30 – 34	2	18.2	7	63.6	11	100.0
35 – 44	3	8.1	31	83.8	37	100.0
45 – 54	4	22.2	14	77.8	18	100.0
55 – 64	0	0.0	6	85.7	7	100.0
65 and over	3	20.0	9	60.0	15	100.0
Total*	46	22.1	140	67.3	208	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Lincoln County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	1	33.3	2	66.7	3	100.0
15 – 19	1	25.0	3	75.0	4	100.0
20 – 24	0	0.0	0	0.0	0	0.0
25 – 29	3	60.0	2	40.0	5	100.0
30 – 34	0	0.0	2	66.7	3	100.0
35 – 44	2	50.0	2	50.0	4	100.0
45 – 54	2	40.0	2	40.0	5	100.0
55 – 64	1	50.0	1	50.0	2	100.0
65 and over	0	0.0	3	50.0	6	100.0
Total*	10	30.3	18	54.5	33	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Lyon County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	50.0	1	50.0	2	100.0
5 – 14	4	44.4	3	33.3	9	100.0
15 – 19	8	21.6	20	54.1	37	100.0
20 – 24	3	11.5	11	42.3	26	100.0
25 – 29	4	23.5	7	41.2	17	100.0
30 – 34	1	8.3	7	58.3	12	100.0
35 – 44	1	4.2	16	66.7	24	100.0
45 – 54	3	15.0	14	70.0	20	100.0
55 – 64	2	20.0	5	50.0	10	100.0
65 and over	3	21.4	9	64.3	14	100.0
Total*	31	17.4	95	53.4	178	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

McLeod County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	11.1	7	77.8	9	100.0
5 – 14	2	13.3	13	86.7	15	100.0
15 – 19	20	30.3	43	65.2	66	100.0
20 – 24	8	24.2	23	69.7	33	100.0
25 – 29	4	21.1	13	68.4	19	100.0
30 – 34	6	24.0	17	68.0	25	100.0
35 – 44	6	16.2	27	73.0	37	100.0
45 – 54	6	20.0	23	76.7	30	100.0
55 – 64	2	15.4	10	76.9	13	100.0
65 and over	0	0.0	17	85.0	20	100.0
Total*	57	21.1	193	71.5	270	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Mahnomen County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	1	100.0	1	100.0
15 – 19	2	25.0	4	50.0	8	100.0
20 – 24	5	83.3	1	16.7	6	100.0
25 – 29	2	66.7	0	0.0	3	100.0
30 – 34	4	66.7	2	33.3	6	100.0
35 – 44	8	88.9	1	11.1	9	100.0
45 – 54	4	80.0	0	0.0	5	100.0
55 – 64	1	33.3	1	33.3	3	100.0
65 and over	1	100.0	0	0.0	1	100.0
Total*	27	62.8	11	25.6	43	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Marshall County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	100.0	1	100.0
5 – 14	2	66.7	1	33.3	3	100.0
15 – 19	2	22.2	7	77.8	9	100.0
20 – 24	4	66.7	1	16.7	6	100.0
25 – 29	2	28.6	4	57.1	7	100.0
30 – 34	1	50.0	0	0.0	2	100.0
35 – 44	1	50.0	1	50.0	2	100.0
45 – 54	0	0.0	1	50.0	2	100.0
55 – 64	1	100.0	0	0.0	1	100.0
65 and over	1	20.0	4	80.0	5	100.0
Total*	14	35.0	21	52.5	40	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Martin County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	2	66.7	3	100.0
15 – 19	20	38.5	23	44.2	52	100.0
20 – 24	9	42.9	10	47.6	21	100.0
25 – 29	3	18.8	13	81.3	16	100.0
30 – 34	3	21.4	7	50.0	14	100.0
35 – 44	5	25.0	12	60.0	20	100.0
45 – 54	5	35.7	6	42.9	14	100.0
55 – 64	0	0.0	9	81.8	11	100.0
65 and over	1	11.1	8	88.9	9	100.0
Total*	47	27.8	91	53.8	169	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Meeker County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	2	40.0	5	100.0
5 – 14	1	6.7	10	66.7	15	100.0
15 – 19	7	14.3	37	75.5	49	100.0
20 – 24	8	25.0	20	62.5	32	100.0
25 – 29	3	33.3	4	44.4	9	100.0
30 – 34	3	30.0	7	70.0	10	100.0
35 – 44	5	14.7	24	70.6	34	100.0
45 – 54	4	25.0	8	50.0	16	100.0
55 – 64	3	30.0	6	60.0	10	100.0
65 and over	1	5.6	16	88.9	18	100.0
Total*	36	17.8	136	67.3	202	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Mille Lacs County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	25.0	3	75.0	4	100.0
5 – 14	3	20.0	10	66.7	15	100.0
15 – 19	25	54.3	17	37.0	46	100.0
20 – 24	6	21.4	16	57.1	28	100.0
25 – 29	7	33.3	11	52.4	21	100.0
30 – 34	3	18.8	13	81.3	16	100.0
35 – 44	16	40.0	21	52.5	40	100.0
45 – 54	5	18.5	16	59.3	27	100.0
55 – 64	4	17.4	17	73.9	23	100.0
65 and over	6	20.7	19	65.5	29	100.0
Total*	79	31.1	143	56.3	254	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morrison County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	3	75.0	4	100.0
5 – 14	7	43.8	8	50.0	16	100.0
15 – 19	18	32.1	31	55.4	56	100.0
20 – 24	7	21.9	20	62.5	32	100.0
25 – 29	1	7.7	10	76.9	13	100.0
30 – 34	3	25.0	7	58.3	12	100.0
35 – 44	11	39.3	17	60.7	28	100.0
45 – 54	7	24.1	22	75.9	29	100.0
55 – 64	3	20.0	12	80.0	15	100.0
65 and over	4	21.1	14	73.7	19	100.0
Total*	61	26.8	144	63.2	228	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Mower County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	100.0	1	100.0
5 – 14	1	10.0	8	80.0	10	100.0
15 – 19	20	33.3	32	53.3	60	100.0
20 – 24	17	38.6	21	47.7	44	100.0
25 – 29	6	27.3	13	59.1	22	100.0
30 – 34	5	21.7	15	65.2	23	100.0
35 – 44	5	17.9	20	71.4	28	100.0
45 – 54	5	20.0	15	60.0	25	100.0
55 – 64	3	14.3	18	85.7	21	100.0
65 and over	4	14.3	24	85.7	28	100.0
Total*	66	24.4	172	63.5	271	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Murray County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	33.3	3	100.0
5 – 14	4	57.1	3	42.9	7	100.0
15 – 19	6	46.2	6	46.2	13	100.0
20 – 24	5	71.4	2	28.6	7	100.0
25 – 29	5	62.5	3	37.5	8	100.0
30 – 34	0	0.0	3	75.0	4	100.0
35 – 44	3	42.9	1	14.3	7	100.0
45 – 54	0	0.0	3	100.0	3	100.0
55 – 64	0	0.0	2	66.7	3	100.0
65 and over	1	14.3	6	85.7	7	100.0
Total*	24	34.8	35	50.7	69	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Nicollet County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	2	100.0	2	100.0
5 – 14	2	25.0	6	75.0	8	100.0
15 – 19	6	17.6	23	67.6	34	100.0
20 – 24	7	16.3	29	67.4	43	100.0
25 – 29	5	27.8	13	72.2	18	100.0
30 – 34	2	11.1	15	83.3	18	100.0
35 – 44	4	14.3	23	82.1	28	100.0
45 – 54	5	22.7	17	77.3	22	100.0
55 – 64	2	20.0	8	80.0	10	100.0
65 and over	3	16.7	14	77.8	18	100.0
Total*	37	17.7	153	73.2	209	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Nobles County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	5	50.0	4	40.0	10	100.0
5 – 14	2	100.0	0	0.0	2	100.0
15 – 19	22	44.9	24	49.0	49	100.0
20 – 24	9	50.0	9	50.0	18	100.0
25 – 29	3	27.3	7	63.6	11	100.0
30 – 34	0	0.0	11	91.7	12	100.0
35 – 44	4	26.7	9	60.0	15	100.0
45 – 54	1	10.0	8	80.0	10	100.0
55 – 64	0	0.0	4	80.0	5	100.0
65 and over	9	42.9	9	42.9	21	100.0
Total*	56	35.4	86	54.4	158	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Norman County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	2	50.0	2	50.0	4	100.0
15 – 19	4	57.1	3	42.9	7	100.0
20 – 24	1	33.3	1	33.3	3	100.0
25 – 29	0	0.0	0	0.0	1	100.0
30 – 34	0	0.0	0	0.0	0	0.0
35 – 44	3	60.0	1	20.0	5	100.0
45 – 54	1	33.3	2	66.7	3	100.0
55 – 64	0	0.0	1	50.0	2	100.0
65 and over	0	0.0	5	100.0	5	100.0
Total*	11	36.7	15	50.0	30	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Olmsted County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	2	10.0	11	55.0	20	100.0
5 – 14	8	12.7	49	77.8	63	100.0
15 – 19	42	19.4	150	69.4	216	100.0
20 – 24	37	25.5	101	69.7	145	100.0
25 – 29	18	16.5	85	78.0	109	100.0
30 – 34	10	11.0	76	83.5	91	100.0
35 – 44	19	10.6	147	81.7	180	100.0
45 – 54	12	10.8	92	82.9	111	100.0
55 – 64	4	8.0	40	80.0	50	100.0
65 and over	14	14.4	73	75.3	97	100.0
Total*	168	15.1	837	75.3	1,111	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Otter Tail County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	4	66.7	6	100.0
5 – 14	10	37.0	15	55.6	27	100.0
15 – 19	45	38.5	64	54.7	117	100.0
20 – 24	26	35.1	35	47.3	74	100.0
25 – 29	10	34.5	16	55.2	29	100.0
30 – 34	8	32.0	15	60.0	25	100.0
35 – 44	9	16.7	36	66.7	54	100.0
45 – 54	9	20.9	27	62.8	43	100.0
55 – 64	5	16.7	24	80.0	30	100.0
65 and over	6	14.0	33	76.7	43	100.0
Total*	129	27.7	281	60.3	466	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Pennington County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	1	100.0
5 – 14	0	0.0	2	100.0	2	100.0
15 – 19	7	30.4	16	69.6	23	100.0
20 – 24	5	50.0	5	50.0	10	100.0
25 – 29	2	25.0	6	75.0	8	100.0
30 – 34	0	0.0	2	100.0	2	100.0
35 – 44	2	14.3	12	85.7	14	100.0
45 – 54	1	5.9	16	94.1	17	100.0
55 – 64	1	12.5	7	87.5	8	100.0
65 and over	1	10.0	9	90.0	10	100.0
Total*	19	19.8	76	79.2	96	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Pine County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	5	100.0	5	100.0
5 – 14	2	25.0	5	62.5	8	100.0
15 – 19	10	22.7	19	43.2	44	100.0
20 – 24	9	40.9	9	40.9	22	100.0
25 – 29	2	16.7	10	83.3	12	100.0
30 – 34	6	31.6	8	42.1	19	100.0
35 – 44	5	15.6	18	56.3	32	100.0
45 – 54	6	19.4	20	64.5	31	100.0
55 – 64	1	5.0	16	80.0	20	100.0
65 and over	2	6.3	23	71.9	32	100.0
Total*	44	18.8	137	58.5	234	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Pipestone County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	2	66.7	1	33.3	3	100.0
15 – 19	9	60.0	4	26.7	15	100.0
20 – 24	1	25.0	0	0.0	4	100.0
25 – 29	2	50.0	2	50.0	4	100.0
30 – 34	0	0.0	4	100.0	4	100.0
35 – 44	5	50.0	5	50.0	10	100.0
45 – 54	3	60.0	2	40.0	5	100.0
55 – 64	2	50.0	2	50.0	4	100.0
65 and over	3	33.3	5	55.6	9	100.0
Total*	27	46.6	25	43.1	58	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Polk County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	3	100.0	3	100.0
5 – 14	4	57.1	2	28.6	7	100.0
15 – 19	15	37.5	18	45.0	40	100.0
20 – 24	9	42.9	7	33.3	21	100.0
25 – 29	5	45.5	6	54.5	11	100.0
30 – 34	1	14.3	6	85.7	7	100.0
35 – 44	8	26.7	13	43.3	30	100.0
45 – 54	1	5.9	8	47.1	17	100.0
55 – 64	2	25.0	5	62.5	8	100.0
65 and over	3	13.6	16	72.7	22	100.0
Total*	48	27.3	88	50.0	176	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Pope County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	100.0	1	100.0
5 – 14	0	0.0	2	100.0	2	100.0
15 – 19	4	23.5	6	35.3	17	100.0
20 – 24	5	83.3	0	0.0	6	100.0
25 – 29	1	33.3	1	33.3	3	100.0
30 – 34	1	25.0	2	50.0	4	100.0
35 – 44	0	0.0	2	100.0	2	100.0
45 – 54	0	0.0	1	50.0	2	100.0
55 – 64	0	0.0	0	0.0	2	100.0
65 and over	0	0.0	2	66.7	3	100.0
Total*	12	26.7	19	42.2	45	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Ramsey County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	4	8.0	37	74.0	50	100.0
5 – 14	31	17.6	119	67.6	176	100.0
15 – 19	104	17.3	407	67.7	601	100.0
20 – 24	99	15.1	448	68.4	655	100.0
25 – 29	51	11.4	320	71.4	448	100.0
30 – 34	36	8.9	308	76.2	404	100.0
35 – 44	52	7.0	574	77.5	741	100.0
45 – 54	31	5.8	417	78.5	531	100.0
55 – 64	24	8.8	210	77.2	272	100.0
65 and over	20	7.1	232	82.0	283	100.0
Total*	468	10.7	3,148	72.2	4,363	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Red Lake County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	2	100.0	2	100.0
5 – 14	0	0.0	0	0.0	0	0.0
15 – 19	1	16.7	4	66.7	6	100.0
20 – 24	1	50.0	1	50.0	2	100.0
25 – 29	0	0.0	0	0.0	0	0.0
30 – 34	0	0.0	0	0.0	0	0.0
35 – 44	0	0.0	0	0.0	0	0.0
45 – 54	1	100.0	0	0.0	1	100.0
55 – 64	1	100.0	0	0.0	1	100.0
65 and over	0	0.0	1	100.0	1	100.0
Total*	4	30.8	8	61.5	13	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Redwood County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	5	50.0	5	50.0	10	100.0
15 – 19	15	42.9	12	34.3	35	100.0
20 – 24	5	38.5	6	46.2	13	100.0
25 – 29	7	63.6	4	36.4	11	100.0
30 – 34	0	0.0	7	63.6	11	100.0
35 – 44	2	13.3	11	73.3	15	100.0
45 – 54	2	28.6	5	71.4	7	100.0
55 – 64	5	55.6	4	44.4	9	100.0
65 and over	3	25.0	7	58.3	12	100.0
Total*	45	35.7	62	49.2	126	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Renville County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	50.0	1	50.0	2	100.0
5 – 14	0	0.0	3	100.0	3	100.0
15 – 19	19	41.3	16	34.8	46	100.0
20 – 24	3	21.4	10	71.4	14	100.0
25 – 29	3	42.9	3	42.9	7	100.0
30 – 34	3	50.0	3	50.0	6	100.0
35 – 44	0	0.0	5	71.4	7	100.0
45 – 54	3	23.1	9	69.2	13	100.0
55 – 64	2	25.0	5	62.5	8	100.0
65 and over	4	50.0	3	37.5	8	100.0
Total*	38	32.5	60	51.3	117	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Rice County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	3	50.0	6	100.0
5 – 14	3	15.8	16	84.2	19	100.0
15 – 19	30	25.6	79	67.5	117	100.0
20 – 24	19	29.2	35	53.8	65	100.0
25 – 29	16	32.7	27	55.1	49	100.0
30 – 34	7	21.2	23	69.7	33	100.0
35 – 44	13	17.6	58	78.4	74	100.0
45 – 54	5	7.8	51	79.7	64	100.0
55 – 64	2	7.4	24	88.9	27	100.0
65 and over	3	10.7	20	71.4	28	100.0
Total*	99	20.0	339	68.3	496	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Rock County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	100.0	1	100.0
5 – 14	0	0.0	1	100.0	1	100.0
15 – 19	4	30.8	6	46.2	13	100.0
20 – 24	4	36.4	7	63.6	11	100.0
25 – 29	2	40.0	3	60.0	5	100.0
30 – 34	0	0.0	5	100.0	5	100.0
35 – 44	4	30.8	9	69.2	13	100.0
45 – 54	1	12.5	7	87.5	8	100.0
55 – 64	1	16.7	5	83.3	6	100.0
65 and over	0	0.0	8	88.9	9	100.0
Total*	17	22.7	53	70.7	75	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Roseau County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	2	66.7	3	100.0
5 – 14	0	0.0	3	100.0	3	100.0
15 – 19	4	22.2	12	66.7	18	100.0
20 – 24	10	47.6	7	33.3	21	100.0
25 – 29	3	42.9	2	28.6	7	100.0
30 – 34	3	33.3	4	44.4	9	100.0
35 – 44	5	33.3	10	66.7	15	100.0
45 – 54	2	18.2	6	54.5	11	100.0
55 – 64	0	0.0	5	100.0	5	100.0
65 and over	4	36.4	3	27.3	11	100.0
Total*	32	29.1	55	50.0	110	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

St. Louis County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	15	100.0	15	100.0
5 – 14	10	15.9	45	71.4	63	100.0
15 – 19	52	22.5	154	66.7	231	100.0
20 – 24	55	30.9	104	58.4	178	100.0
25 – 29	22	20.8	71	67.0	106	100.0
30 – 34	23	23.5	63	64.3	98	100.0
35 – 44	51	25.8	126	63.6	198	100.0
45 – 54	20	14.2	105	74.5	141	100.0
55 – 64	8	9.9	71	87.7	81	100.0
65 and over	11	8.0	113	82.5	137	100.0
Total*	255	20.0	886	69.5	1,274	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Scott County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	8	72.7	11	100.0
5 – 14	6	15.4	28	71.8	39	100.0
15 – 19	29	23.4	75	60.5	124	100.0
20 – 24	15	17.4	57	66.3	86	100.0
25 – 29	7	11.7	43	71.7	60	100.0
30 – 34	8	13.6	42	71.2	59	100.0
35 – 44	19	16.0	83	69.7	119	100.0
45 – 54	12	14.0	67	77.9	86	100.0
55 – 64	2	4.9	34	82.9	41	100.0
65 and over	5	9.1	47	85.5	55	100.0
Total*	107	15.1	499	70.3	710	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Sherburne County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	2	14.3	8	57.1	14	100.0
5 – 14	10	27.8	23	63.9	36	100.0
15 – 19	30	26.8	70	62.5	112	100.0
20 – 24	25	26.9	61	65.6	93	100.0
25 – 29	14	20.9	46	68.7	67	100.0
30 – 34	4	11.4	24	68.6	35	100.0
35 – 44	13	14.3	71	78.0	91	100.0
45 – 54	7	10.4	53	79.1	67	100.0
55 – 64	1	4.3	20	87.0	23	100.0
65 and over	3	8.3	30	83.3	36	100.0
Total*	109	18.8	411	71.0	579	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Sibley County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	3	100.0	3	100.0
5 – 14	0	0.0	1	100.0	1	100.0
15 – 19	2	9.5	16	76.2	21	100.0
20 – 24	5	33.3	10	66.7	15	100.0
25 – 29	0	0.0	5	71.4	7	100.0
30 – 34	1	16.7	4	66.7	6	100.0
35 – 44	2	11.8	15	88.2	17	100.0
45 – 54	1	9.1	10	90.9	11	100.0
55 – 64	1	20.0	4	80.0	5	100.0
65 and over	1	10.0	9	90.0	10	100.0
Total*	13	13.4	78	80.4	97	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Stearns County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	7.7	8	61.5	13	100.0
5 – 14	12	17.4	51	73.9	69	100.0
15 – 19	47	20.6	154	67.5	228	100.0
20 – 24	36	17.7	145	71.4	203	100.0
25 – 29	18	16.8	73	68.2	107	100.0
30 – 34	8	10.1	62	78.5	79	100.0
35 – 44	21	14.7	106	74.1	143	100.0
45 – 54	8	7.1	86	76.1	113	100.0
55 – 64	6	8.5	60	84.5	71	100.0
65 and over	9	10.1	67	75.3	89	100.0
Total*	170	14.8	835	72.5	1,151	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Steele County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	2	100.0	2	100.0
5 – 14	4	44.4	5	55.6	9	100.0
15 – 19	17	41.5	16	39.0	41	100.0
20 – 24	9	30.0	17	56.7	30	100.0
25 – 29	4	15.4	20	76.9	26	100.0
30 – 34	0	0.0	14	87.5	16	100.0
35 – 44	9	29.0	20	64.5	31	100.0
45 – 54	6	31.6	9	47.4	19	100.0
55 – 64	4	33.3	7	58.3	12	100.0
65 and over	4	26.7	9	60.0	15	100.0
Total*	57	27.7	121	58.7	206	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Stevens County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	1	100.0	1	100.0
15 – 19	8	34.8	12	52.2	23	100.0
20 – 24	6	60.0	3	30.0	10	100.0
25 – 29	2	40.0	2	40.0	5	100.0
30 – 34	0	0.0	3	100.0	3	100.0
35 – 44	0	0.0	2	100.0	2	100.0
45 – 54	2	33.3	2	33.3	6	100.0
55 – 64	1	50.0	1	50.0	2	100.0
65 and over	1	16.7	4	66.7	6	100.0
Total*	21	35.6	30	50.8	59	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Swift County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	2	66.7	3	100.0
15 – 19	11	44.0	9	36.0	25	100.0
20 – 24	4	66.7	1	16.7	6	100.0
25 – 29	1	33.3	2	66.7	3	100.0
30 – 34	0	0.0	4	100.0	4	100.0
35 – 44	2	25.0	4	50.0	8	100.0
45 – 54	0	0.0	4	100.0	4	100.0
55 – 64	0	0.0	0	0.0	2	100.0
65 and over	4	50.0	4	50.0	8	100.0
Total*	23	35.4	31	47.7	65	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Todd County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	25.0	2	50.0	4	100.0
5 – 14	2	13.3	13	86.7	15	100.0
15 – 19	15	35.7	19	45.2	42	100.0
20 – 24	4	20.0	11	55.0	20	100.0
25 – 29	3	33.3	5	55.6	9	100.0
30 – 34	3	37.5	5	62.5	8	100.0
35 – 44	6	31.6	13	68.4	19	100.0
45 – 54	2	10.5	17	89.5	19	100.0
55 – 64	2	28.6	4	57.1	7	100.0
65 and over	0	0.0	11	91.7	12	100.0
Total*	38	24.2	101	64.3	157	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Traverse County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	0	0.0	0	0.0
15 – 19	7	77.8	1	11.1	9	100.0
20 – 24	2	40.0	1	20.0	5	100.0
25 – 29	0	0.0	0	0.0	0	0.0
30 – 34	0	0.0	3	75.0	4	100.0
35 – 44	0	0.0	0	0.0	0	0.0
45 – 54	0	0.0	0	0.0	1	100.0
55 – 64	0	0.0	1	50.0	2	100.0
65 and over	1	100.0	0	0.0	1	100.0
Total*	11	47.8	6	26.1	23	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Wabasha County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	25.0	3	75.0	4	100.0
5 – 14	4	80.0	1	20.0	5	100.0
15 – 19	15	36.6	20	48.8	41	100.0
20 – 24	7	35.0	12	60.0	20	100.0
25 – 29	3	33.3	5	55.6	9	100.0
30 – 34	2	25.0	2	25.0	8	100.0
35 – 44	4	28.6	10	71.4	14	100.0
45 – 54	1	7.7	12	92.3	13	100.0
55 – 64	2	18.2	8	72.7	11	100.0
65 and over	2	10.5	15	78.9	19	100.0
Total*	42	28.6	89	60.5	147	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Wadena County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	3	100.0	3	100.0
5 – 14	2	28.6	3	42.9	7	100.0
15 – 19	5	22.7	13	59.1	22	100.0
20 – 24	5	55.6	2	22.2	9	100.0
25 – 29	4	66.7	2	33.3	6	100.0
30 – 34	0	0.0	5	83.3	6	100.0
35 – 44	4	25.0	11	68.8	16	100.0
45 – 54	0	0.0	8	80.0	10	100.0
55 – 64	2	33.3	3	50.0	6	100.0
65 and over	1	7.7	10	76.9	13	100.0
Total*	23	22.8	61	60.4	101	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Waseca County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	100.0	1	100.0
5 – 14	2	20.0	7	70.0	10	100.0
15 – 19	5	20.0	11	44.0	25	100.0
20 – 24	4	23.5	12	70.6	17	100.0
25 – 29	5	27.8	10	55.6	18	100.0
30 – 34	3	21.4	7	50.0	14	100.0
35 – 44	4	19.0	14	66.7	21	100.0
45 – 54	1	5.0	16	80.0	20	100.0
55 – 64	0	0.0	5	71.4	7	100.0
65 and over	2	14.3	8	57.1	14	100.0
Total*	26	17.4	93	62.4	149	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Washington County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	12	75.0	16	100.0
5 – 14	7	10.8	51	78.5	65	100.0
15 – 19	61	19.0	221	68.8	321	100.0
20 – 24	43	27.7	101	65.2	155	100.0
25 – 29	12	13.3	62	68.9	90	100.0
30 – 34	14	15.1	69	74.2	93	100.0
35 – 44	18	8.8	171	83.4	205	100.0
45 – 54	16	10.5	120	78.4	153	100.0
55 – 64	6	11.5	39	75.0	52	100.0
65 and over	4	5.8	60	87.0	69	100.0
Total*	183	14.4	936	73.5	1,273	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Watonwan County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	100.0	1	100.0
5 – 14	0	0.0	1	100.0	1	100.0
15 – 19	6	31.6	8	42.1	19	100.0
20 – 24	1	16.7	2	33.3	6	100.0
25 – 29	0	0.0	1	50.0	2	100.0
30 – 34	1	11.1	5	55.6	9	100.0
35 – 44	2	25.0	6	75.0	8	100.0
45 – 54	0	0.0	3	100.0	3	100.0
55 – 64	0	0.0	6	85.7	7	100.0
65 and over	0	0.0	2	50.0	4	100.0
Total*	10	16.7	35	58.3	60	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Wilkin County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	2	100.0	2	100.0
15 – 19	9	36.0	8	32.0	25	100.0
20 – 24	1	25.0	1	25.0	4	100.0
25 – 29	1	20.0	2	40.0	5	100.0
30 – 34	2	25.0	3	37.5	8	100.0
35 – 44	2	13.3	9	60.0	15	100.0
45 – 54	2	50.0	1	25.0	4	100.0
55 – 64	0	0.0	1	33.3	3	100.0
65 and over	1	25.0	1	25.0	4	100.0
Total*	18	25.4	29	40.8	71	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Winona County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	1	100.0
5 – 14	6	26.1	13	56.5	23	100.0
15 – 19	15	20.3	44	59.5	74	100.0
20 – 24	7	10.0	43	61.4	70	100.0
25 – 29	2	7.4	18	66.7	27	100.0
30 – 34	2	7.1	14	50.0	28	100.0
35 – 44	7	20.0	16	45.7	35	100.0
45 – 54	2	5.0	30	75.0	40	100.0
55 – 64	2	9.1	16	72.7	22	100.0
65 and over	3	7.9	24	63.2	38	100.0
Total*	48	12.8	222	59.4	374	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 12: Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts in Minnesota by Age Group by State and County, 2001

Wright County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	3	17.6	9	52.9	17	100.0
5 – 14	10	20.0	38	76.0	50	100.0
15 – 19	51	25.6	126	63.3	199	100.0
20 – 24	24	28.9	53	63.9	83	100.0
25 – 29	19	25.3	50	66.7	75	100.0
30 – 34	11	18.6	41	69.5	59	100.0
35 – 44	22	18.3	91	75.8	120	100.0
45 – 54	6	8.2	61	83.6	73	100.0
55 – 64	4	11.8	27	79.4	34	100.0
65 and over	2	4.8	37	88.1	42	100.0
Total*	154	20.2	535	70.3	761	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Yellow Medicine County – Seatbelt Use by Occupants Killed or Injured in Crashes of Motor Vehicles Equipped with Seatbelts by Age Group, 2001

Age Group	Seatbelt Use					
	Not Used		Used		Total*	
	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	50.0	0	0.0	2	100.0
5 – 14	2	66.7	1	33.3	3	100.0
15 – 19	11	37.9	14	48.3	29	100.0
20 – 24	3	25.0	7	58.3	12	100.0
25 – 29	2	28.6	3	42.9	7	100.0
30 – 34	1	50.0	1	50.0	2	100.0
35 – 44	2	18.2	6	54.5	11	100.0
45 – 54	3	50.0	3	50.0	6	100.0
55 – 64	0	0.0	2	100.0	2	100.0
65 and over	2	25.0	6	75.0	8	100.0
Total*	27	32.1	44	52.4	84	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Note: These data include occupants of vehicles normally equipped with seatbelts (passenger vehicles, trucks, taxis etc.) and excludes motorcycles, snowmobiles, buses etc.

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

State of Minnesota – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	38	6.1	186	29.7	402	64.2	626	100.0
5 – 14	132	5.2	912	36.0	1,489	58.8	2,533	100.0
15 – 19	507	6.8	3,122	41.9	3,825	51.3	7,454	100.0
20 – 24	422	7.3	2,151	37.3	3,194	55.4	5,767	100.0
25 – 29	275	7.2	1,335	34.8	2,229	58.1	3,839	100.0
30 – 34	264	7.5	1,127	32.1	2,125	60.4	3,516	100.0
35 and over	1,235	7.4	5,627	33.7	9,834	58.9	16,696	100.0
Total*	2,949	7.0	14,861	35.2	24,413	57.8	42,223	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Aitkin County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	4	100.0	0	0.0	4	100.0
15 – 19	0	0.0	10	45.5	12	54.5	22	100.0
20 – 24	0	0.0	6	60.0	4	40.0	10	100.0
25 – 29	1	14.3	4	57.1	2	28.6	7	100.0
30 – 34	0	0.0	2	50.0	2	50.0	4	100.0
35 and over	7	12.3	23	40.4	27	47.4	57	100.0
Total*	8	7.7	49	47.1	47	45.2	104	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Anoka County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	4	8.7	18	39.1	24	52.2	46	100.0
5 – 14	10	6.9	64	44.4	70	48.6	144	100.0
15 – 19	41	9.2	190	42.5	216	48.3	447	100.0
20 – 24	27	9.2	124	42.0	144	48.8	295	100.0
25 – 29	23	14.3	56	34.8	82	50.9	161	100.0
30 – 34	28	13.8	67	33.0	108	53.2	203	100.0
35 and over	96	10.1	327	34.5	524	55.3	947	100.0
Total*	233	10.0	873	37.6	1,217	52.4	2,323	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Becker County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	2	50.0	2	50.0	4	100.0
5 – 14	2	16.7	6	50.0	4	33.3	12	100.0
15 – 19	7	15.2	16	34.8	23	50.0	46	100.0
20 – 24	4	10.3	18	46.2	17	43.6	39	100.0
25 – 29	0	0.0	6	50.0	6	50.0	12	100.0
30 – 34	1	6.3	9	56.3	6	37.5	16	100.0
35 and over	3	3.5	41	47.7	42	48.8	86	100.0
Total*	17	7.7	98	44.1	107	48.2	222	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Beltrami County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	2	25.0	1	12.5	5	62.5	8	100.0
5 – 14	1	4.8	16	76.2	4	19.0	21	100.0
15 – 19	4	7.5	26	49.1	23	43.4	53	100.0
20 – 24	2	4.3	26	55.3	19	40.4	47	100.0
25 – 29	2	8.3	5	20.8	17	70.8	24	100.0
30 – 34	3	17.6	3	17.6	11	64.7	17	100.0
35 and over	11	8.8	50	40.0	64	51.2	125	100.0
Total*	26	8.5	129	42.0	152	49.5	307	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Benton County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	3	100.0	0	0.0	3	100.0
5 – 14	2	8.3	13	54.2	9	37.5	24	100.0
15 – 19	4	6.6	30	49.2	27	44.3	61	100.0
20 – 24	7	16.3	9	20.9	27	62.8	43	100.0
25 – 29	4	15.4	7	26.9	15	57.7	26	100.0
30 – 34	2	9.5	6	28.6	13	61.9	21	100.0
35 and over	7	5.1	44	32.4	85	62.5	136	100.0
Total*	29	8.8	115	34.8	186	56.4	330	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Big Stone County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	100.0	0	0.0	1	100.0
5 – 14	1	33.3	1	33.3	1	33.3	3	100.0
15 – 19	1	5.3	9	47.4	9	47.4	19	100.0
20 – 24	0	0.0	5	83.3	1	16.7	6	100.0
25 – 29	0	0.0	2	66.7	1	33.3	3	100.0
30 – 34	0	0.0	0	0.0	1	100.0	1	100.0
35 and over	1	7.7	5	38.5	7	53.8	13	100.0
Total*	3	6.4	24	51.1	20	42.6	47	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Blue Earth County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	5	100.0	5	100.0
5 – 14	1	3.2	16	51.6	14	45.2	31	100.0
15 – 19	7	6.3	58	52.3	46	41.4	111	100.0
20 – 24	4	4.3	51	54.8	38	40.9	93	100.0
25 – 29	5	10.0	19	38.0	26	52.0	50	100.0
30 – 34	1	3.7	12	44.4	14	51.9	27	100.0
35 and over	16	9.4	66	38.8	88	51.8	170	100.0
Total*	34	6.7	230	45.5	242	47.8	506	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Brown County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	1	100.0	1	100.0
5 – 14	1	8.3	6	50.0	5	41.7	12	100.0
15 – 19	2	3.8	17	32.7	33	63.5	52	100.0
20 – 24	0	0.0	9	47.4	10	52.6	19	100.0
25 – 29	0	0.0	2	28.6	5	71.4	7	100.0
30 – 34	1	8.3	2	16.7	9	75.0	12	100.0
35 and over	2	3.4	19	32.2	38	64.4	59	100.0
Total*	6	3.5	59	34.7	105	61.8	170	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Carlton County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	33.3	2	66.7	3	100.0
5 – 14	0	0.0	3	75.0	1	25.0	4	100.0
15 – 19	5	15.6	18	56.3	9	28.1	32	100.0
20 – 24	7	15.2	25	54.3	14	30.4	46	100.0
25 – 29	0	0.0	7	87.5	1	12.5	8	100.0
30 – 34	1	5.9	11	64.7	5	29.4	17	100.0
35 and over	6	7.9	49	64.5	21	27.6	76	100.0
Total*	19	10.1	116	61.4	54	28.6	189	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Carver County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	10.0	0	0.0	9	90.0	10	100.0
5 – 14	1	2.4	16	38.1	25	59.5	42	100.0
15 – 19	6	4.7	65	51.2	56	44.1	127	100.0
20 – 24	10	14.7	15	22.1	43	63.2	68	100.0
25 – 29	4	10.5	11	28.9	23	60.5	38	100.0
30 – 34	4	7.5	18	34.0	31	58.5	53	100.0
35 and over	14	6.4	78	35.8	126	57.8	218	100.0
Total*	41	7.2	207	36.6	318	56.2	566	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Cass County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	1	100.0	1	100.0
5 – 14	0	0.0	4	44.4	5	55.6	9	100.0
15 – 19	12	18.5	26	40.0	27	41.5	65	100.0
20 – 24	4	10.8	18	48.6	15	40.5	37	100.0
25 – 29	5	26.3	4	21.1	10	52.6	19	100.0
30 – 34	4	19.0	9	42.9	8	38.1	21	100.0
35 and over	14	12.8	35	32.1	60	55.0	109	100.0
Total*	39	14.6	99	36.9	130	48.5	268	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Chippewa County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	1	25.0	3	75.0	0	0.0	4	100.0
15 – 19	1	3.7	11	40.7	15	55.6	27	100.0
20 – 24	2	20.0	5	50.0	3	30.0	10	100.0
25 – 29	0	0.0	4	80.0	1	20.0	5	100.0
30 – 34	0	0.0	4	80.0	1	20.0	5	100.0
35 and over	5	12.2	15	36.6	21	51.2	41	100.0
Total*	10	10.1	46	46.5	43	43.4	99	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Chisago County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	7	100.0	7	100.0
5 – 14	1	3.3	6	20.0	23	76.7	30	100.0
15 – 19	4	4.2	40	42.1	51	53.7	95	100.0
20 – 24	3	6.1	26	53.1	20	40.8	49	100.0
25 – 29	2	6.9	10	34.5	17	58.6	29	100.0
30 – 34	2	4.8	15	35.7	25	59.5	42	100.0
35 and over	10	7.0	45	31.5	88	61.5	143	100.0
Total*	23	5.7	149	36.8	233	57.5	405	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Clay County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	4	66.7	2	33.3	6	100.0
5 – 14	4	14.8	11	40.7	12	44.4	27	100.0
15 – 19	2	3.1	30	46.2	33	50.8	65	100.0
20 – 24	4	5.8	27	39.1	38	55.1	69	100.0
25 – 29	0	0.0	4	33.3	8	66.7	12	100.0
30 – 34	1	4.0	10	40.0	14	56.0	25	100.0
35 and over	9	6.1	53	36.1	85	57.8	147	100.0
Total*	20	5.6	142	39.4	198	55.0	360	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Clearwater County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	50.0	1	50.0	2	100.0
5 – 14	0	0.0	1	100.0	0	0.0	1	100.0
15 – 19	1	11.1	7	77.8	1	11.1	9	100.0
20 – 24	1	14.3	2	28.6	4	57.1	7	100.0
25 – 29	0	0.0	1	100.0	0	0.0	1	100.0
30 – 34	1	20.0	1	20.0	3	60.0	5	100.0
35 and over	1	6.7	3	20.0	11	73.3	15	100.0
Total*	5	11.9	17	40.5	20	47.6	42	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Cook County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	0	0.0	0	0.0	0	0.0
15 – 19	2	18.2	8	72.7	1	9.1	11	100.0
20 – 24	0	0.0	7	87.5	1	12.5	8	100.0
25 – 29	0	0.0	2	100.0	0	0.0	2	100.0
30 – 34	0	0.0	0	0.0	1	100.0	1	100.0
35 and over	1	5.0	10	50.0	9	45.0	20	100.0
Total*	3	6.7	27	60.0	15	33.3	45	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Cottonwood County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	1	100.0	1	100.0
5 – 14	0	0.0	2	28.6	5	71.4	7	100.0
15 – 19	1	5.3	14	73.7	4	21.1	19	100.0
20 – 24	0	0.0	1	100.0	0	0.0	1	100.0
25 – 29	1	16.7	3	50.0	2	33.3	6	100.0
30 – 34	0	0.0	3	75.0	1	25.0	4	100.0
35 and over	1	4.3	8	34.8	14	60.9	23	100.0
Total*	3	4.6	32	49.2	30	46.2	65	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Crow Wing County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	2	16.7	10	83.3	12	100.0
5 – 14	2	4.2	15	31.3	31	64.6	48	100.0
15 – 19	8	6.4	62	49.6	55	44.0	125	100.0
20 – 24	7	8.8	37	46.3	36	45.0	80	100.0
25 – 29	7	13.7	19	37.3	25	49.0	51	100.0
30 – 34	0	0.0	19	52.8	17	47.2	36	100.0
35 and over	12	4.5	104	39.4	148	56.1	264	100.0
Total*	40	6.3	261	41.1	334	52.6	635	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Dakota County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	2.5	10	25.0	29	72.5	40	100.0
5 – 14	7	4.8	45	30.8	94	64.4	146	100.0
15 – 19	24	5.5	148	34.2	261	60.3	433	100.0
20 – 24	25	7.9	118	37.1	175	55.0	318	100.0
25 – 29	18	8.0	56	24.9	151	67.1	225	100.0
30 – 34	18	7.6	57	24.1	162	68.4	237	100.0
35 and over	84	8.0	300	28.4	672	63.6	1,056	100.0
Total*	179	7.1	743	29.3	1,611	63.6	2,533	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Dodge County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	50.0	1	50.0	0	0.0	2	100.0
5 – 14	0	0.0	5	35.7	9	64.3	14	100.0
15 – 19	1	2.9	15	44.1	18	52.9	34	100.0
20 – 24	1	4.3	11	47.8	11	47.8	23	100.0
25 – 29	1	11.1	5	55.6	3	33.3	9	100.0
30 – 34	0	0.0	3	42.9	4	57.1	7	100.0
35 and over	5	9.1	24	43.6	26	47.3	55	100.0
Total*	9	6.0	65	43.3	76	50.7	150	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Douglas County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	14.3	2	28.6	4	57.1	7	100.0
5 – 14	2	10.5	9	47.4	8	42.1	19	100.0
15 – 19	4	5.1	42	53.8	32	41.0	78	100.0
20 – 24	5	7.6	30	45.5	31	47.0	66	100.0
25 – 29	1	6.3	9	56.3	6	37.5	16	100.0
30 – 34	1	4.2	9	37.5	14	58.3	24	100.0
35 and over	11	7.1	67	43.5	76	49.4	154	100.0
Total*	25	6.4	170	43.7	194	49.9	389	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Faribault County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	3	100.0	3	100.0
5 – 14	0	0.0	2	40.0	3	60.0	5	100.0
15 – 19	3	12.0	11	44.0	11	44.0	25	100.0
20 – 24	2	20.0	2	20.0	6	60.0	10	100.0
25 – 29	3	27.3	3	27.3	5	45.5	11	100.0
30 – 34	0	0.0	3	37.5	5	62.5	8	100.0
35 and over	4	7.7	17	32.7	31	59.6	52	100.0
Total*	12	10.3	40	34.2	65	55.6	117	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Fillmore County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	50.0	1	50.0	2	100.0
5 – 14	0	0.0	4	33.3	8	66.7	12	100.0
15 – 19	2	5.9	13	38.2	19	55.9	34	100.0
20 – 24	1	5.3	10	52.6	8	42.1	19	100.0
25 – 29	2	28.6	0	0.0	5	71.4	7	100.0
30 – 34	1	14.3	2	28.6	4	57.1	7	100.0
35 and over	9	15.8	16	28.1	32	56.1	57	100.0
Total*	15	10.6	46	32.6	80	56.7	141	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Freeborn County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	33.3	2	66.7	3	100.0
5 – 14	0	0.0	6	40.0	9	60.0	15	100.0
15 – 19	0	0.0	23	47.9	25	52.1	48	100.0
20 – 24	2	5.3	15	39.5	21	55.3	38	100.0
25 – 29	2	8.7	10	43.5	11	47.8	23	100.0
30 – 34	2	8.3	13	54.2	9	37.5	24	100.0
35 and over	8	7.7	29	27.9	67	64.4	104	100.0
Total*	14	5.2	101	37.8	152	56.9	267	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Goodhue County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	20.0	4	80.0	5	100.0
5 – 14	1	3.8	10	38.5	15	57.7	26	100.0
15 – 19	11	9.3	52	44.1	55	46.6	118	100.0
20 – 24	12	18.5	25	38.5	28	43.1	65	100.0
25 – 29	3	10.7	13	46.4	12	42.9	28	100.0
30 – 34	2	9.5	11	52.4	8	38.1	21	100.0
35 and over	17	9.5	76	42.5	86	48.0	179	100.0
Total*	46	10.2	191	42.4	214	47.5	451	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Grant County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	1	100.0	0	0.0	1	100.0
15 – 19	0	0.0	4	50.0	4	50.0	8	100.0
20 – 24	0	0.0	4	44.4	5	55.6	9	100.0
25 – 29	0	0.0	2	33.3	4	66.7	6	100.0
30 – 34	0	0.0	2	50.0	2	50.0	4	100.0
35 and over	3	15.8	9	47.4	7	36.8	19	100.0
Total*	3	6.4	22	46.8	22	46.8	47	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Hennepin County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	6	4.0	37	24.5	108	71.5	151	100.0
5 – 14	14	2.4	202	34.5	370	63.1	586	100.0
15 – 19	73	6.1	426	35.8	690	58.0	1,189	100.0
20 – 24	93	6.1	473	31.1	957	62.8	1,523	100.0
25 – 29	61	4.8	399	31.2	819	64.0	1,279	100.0
30 – 34	65	5.8	296	26.5	757	67.7	1,118	100.0
35 and over	247	5.7	1,266	29.4	2,795	64.9	4,308	100.0
Total*	579	5.3	3,241	29.8	7,059	64.9	10,879	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Houston County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	3	42.9	4	57.1	7	100.0
15 – 19	2	7.1	13	46.4	13	46.4	28	100.0
20 – 24	1	8.3	5	41.7	6	50.0	12	100.0
25 – 29	1	10.0	4	40.0	5	50.0	10	100.0
30 – 34	0	0.0	1	16.7	5	83.3	6	100.0
35 and over	6	14.0	8	18.6	29	67.4	43	100.0
Total*	10	9.2	34	31.2	65	59.6	109	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Hubbard County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	1	100.0	1	100.0
5 – 14	0	0.0	3	37.5	5	62.5	8	100.0
15 – 19	3	10.7	8	28.6	17	60.7	28	100.0
20 – 24	3	20.0	7	46.7	5	33.3	15	100.0
25 – 29	0	0.0	9	52.9	8	47.1	17	100.0
30 – 34	0	0.0	2	40.0	3	60.0	5	100.0
35 and over	6	12.5	16	33.3	26	54.2	48	100.0
Total*	12	9.7	45	36.3	67	54.0	124	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Isanti County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	3	100.0	3	100.0
5 – 14	0	0.0	7	36.8	12	63.2	19	100.0
15 – 19	1	1.5	31	47.7	33	50.8	65	100.0
20 – 24	7	18.9	20	54.1	10	27.0	37	100.0
25 – 29	4	17.4	10	43.5	9	39.1	23	100.0
30 – 34	2	10.5	11	57.9	6	31.6	19	100.0
35 and over	7	5.9	61	51.7	50	42.4	118	100.0
Total*	21	7.0	152	50.3	129	42.7	302	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Itasca County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	6	85.7	1	14.3	7	100.0
5 – 14	2	15.4	7	53.8	4	30.8	13	100.0
15 – 19	2	2.5	34	42.0	45	55.6	81	100.0
20 – 24	2	5.3	18	47.4	18	47.4	38	100.0
25 – 29	0	0.0	10	38.5	16	61.5	26	100.0
30 – 34	1	4.5	10	45.5	11	50.0	22	100.0
35 and over	9	5.7	58	36.9	90	57.3	157	100.0
Total*	16	4.5	145	41.2	191	54.3	352	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Jackson County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	3	42.9	4	57.1	7	100.0
15 – 19	4	13.8	12	41.4	13	44.8	29	100.0
20 – 24	3	23.1	4	30.8	6	46.2	13	100.0
25 – 29	0	0.0	2	50.0	2	50.0	4	100.0
30 – 34	2	25.0	4	50.0	2	25.0	8	100.0
35 and over	3	11.5	12	46.2	11	42.3	26	100.0
Total*	12	13.3	38	42.2	40	44.4	90	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Kanabec County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	1	100.0	1	100.0
5 – 14	0	0.0	3	60.0	2	40.0	5	100.0
15 – 19	2	8.3	11	45.8	11	45.8	24	100.0
20 – 24	2	18.2	2	18.2	7	63.6	11	100.0
25 – 29	0	0.0	1	11.1	8	88.9	9	100.0
30 – 34	0	0.0	4	66.7	2	33.3	6	100.0
35 and over	1	1.8	23	40.4	33	57.9	57	100.0
Total*	6	5.1	44	37.3	68	57.6	118	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Kandiyohi County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	25.0	2	50.0	1	25.0	4	100.0
5 – 14	2	6.5	12	38.7	17	54.8	31	100.0
15 – 19	19	17.3	53	48.2	38	34.5	110	100.0
20 – 24	5	7.9	27	42.9	31	49.2	63	100.0
25 – 29	6	20.0	16	53.3	8	26.7	30	100.0
30 – 34	2	7.1	10	35.7	16	57.1	28	100.0
35 and over	13	9.2	51	36.2	77	54.6	141	100.0
Total*	50	12.0	171	41.0	196	47.0	417	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Kittson County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	1	100.0	0	0.0	1	100.0
15 – 19	0	0.0	1	50.0	1	50.0	2	100.0
20 – 24	0	0.0	3	100.0	0	0.0	3	100.0
25 – 29	0	0.0	1	100.0	0	0.0	1	100.0
30 – 34	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
35 and over	1	12.5	2	25.0	5	62.5	8	100.0
Total*	1	6.7	8	53.3	6	40.0	15	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Koochiching County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	1	100.0	1	100.0
5 – 14	0	0.0	2	40.0	3	60.0	5	100.0
15 – 19	1	3.8	9	34.6	16	61.5	26	100.0
20 – 24	0	0.0	8	57.1	6	42.9	14	100.0
25 – 29	3	30.0	3	30.0	4	40.0	10	100.0
30 – 34	0	0.0	2	28.6	5	71.4	7	100.0
35 and over	3	6.7	7	15.6	35	77.8	45	100.0
Total*	7	6.4	31	28.2	72	65.5	110	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Lac Qui Parle County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	1	100.0	0	0.0	1	100.0
15 – 19	2	16.7	8	66.7	2	16.7	12	100.0
20 – 24	0	0.0	1	50.0	1	50.0	2	100.0
25 – 29	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
30 – 34	0	0.0	1	100.0	0	0.0	1	100.0
35 and over	1	14.3	3	42.9	3	42.9	7	100.0
Total*	3	12.5	14	58.3	7	29.2	24	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Lake County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	1	33.3	2	66.7	3	100.0
15 – 19	2	11.8	12	70.6	3	17.6	17	100.0
20 – 24	2	13.3	8	53.3	5	33.3	15	100.0
25 – 29	0	0.0	7	77.8	2	22.2	9	100.0
30 – 34	0	0.0	6	54.5	5	45.5	11	100.0
35 and over	1	2.0	29	59.2	19	38.8	49	100.0
Total*	5	4.8	64	61.0	36	34.3	105	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Lake of the Woods County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	1	100.0	0	0.0	1	100.0
15 – 19	0	0.0	2	40.0	3	60.0	5	100.0
20 – 24	1	50.0	1	50.0	0	0.0	2	100.0
25 – 29	0	0.0	1	100.0	0	0.0	1	100.0
30 – 34	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
35 and over	0	0.0	2	66.7	1	33.3	3	100.0
Total*	1	8.3	7	58.3	4	33.3	12	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Le Sueur County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	100.0	0	0.0	1	100.0
5 – 14	2	10.5	2	10.5	15	78.9	19	100.0
15 – 19	2	3.6	15	27.3	38	69.1	55	100.0
20 – 24	3	15.0	8	40.0	9	45.0	20	100.0
25 – 29	0	0.0	5	38.5	8	61.5	13	100.0
30 – 34	1	8.3	4	33.3	7	58.3	12	100.0
35 and over	5	6.3	29	36.3	46	57.5	80	100.0
Total*	13	6.3	65	31.3	130	62.5	208	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Lincoln County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	2	66.7	1	33.3	3	100.0
15 – 19	0	0.0	3	75.0	1	25.0	4	100.0
20 – 24	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
25 – 29	1	20.0	2	40.0	2	40.0	5	100.0
30 – 34	1	33.3	1	33.3	1	33.3	3	100.0
35 and over	3	17.6	9	52.9	5	29.4	17	100.0
Total*	5	15.2	17	51.5	11	33.3	33	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Lyon County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	50.0	0	0.0	1	50.0	2	100.0
5 – 14	0	0.0	6	60.0	4	40.0	10	100.0
15 – 19	2	5.4	18	48.6	17	45.9	37	100.0
20 – 24	0	0.0	15	53.6	13	46.4	28	100.0
25 – 29	2	10.5	11	57.9	6	31.6	19	100.0
30 – 34	3	21.4	5	35.7	6	42.9	14	100.0
35 and over	3	4.5	32	48.5	31	47.0	66	100.0
Total*	11	6.0	91	49.7	81	44.3	183	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

McLeod County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	3	33.3	6	66.7	9	100.0
5 – 14	0	0.0	6	28.6	15	71.4	21	100.0
15 – 19	3	4.3	32	45.7	35	50.0	70	100.0
20 – 24	0	0.0	21	60.0	14	40.0	35	100.0
25 – 29	3	12.5	12	50.0	9	37.5	24	100.0
30 – 34	2	7.4	16	59.3	9	33.3	27	100.0
35 and over	9	8.8	47	46.1	46	45.1	102	100.0
Total*	17	5.8	138	47.3	137	46.9	292	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Mahnomen County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	0	0.0	1	100.0	1	100.0
15 – 19	3	37.5	3	37.5	2	25.0	8	100.0
20 – 24	3	50.0	2	33.3	1	16.7	6	100.0
25 – 29	0	0.0	3	100.0	0	0.0	3	100.0
30 – 34	1	16.7	2	33.3	3	50.0	6	100.0
35 and over	3	16.7	7	38.9	8	44.4	18	100.0
Total*	10	23.3	18	41.9	15	34.9	43	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Marshall County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	100.0	0	0.0	1	100.0
5 – 14	0	0.0	2	66.7	1	33.3	3	100.0
15 – 19	0	0.0	4	44.4	5	55.6	9	100.0
20 – 24	3	50.0	1	16.7	2	33.3	6	100.0
25 – 29	1	20.0	2	40.0	2	40.0	5	100.0
30 – 34	0	0.0	2	100.0	0	0.0	2	100.0
35 and over	3	27.3	6	54.5	2	18.2	11	100.0
Total*	7	17.9	18	46.2	14	35.9	39	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Martin County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	1	25.0	0	0.0	3	75.0	4	100.0
15 – 19	5	9.4	20	37.7	28	52.8	53	100.0
20 – 24	2	10.5	9	47.4	8	42.1	19	100.0
25 – 29	0	0.0	7	41.2	10	58.8	17	100.0
30 – 34	1	7.7	3	23.1	9	69.2	13	100.0
35 and over	3	4.8	23	37.1	36	58.1	62	100.0
Total*	12	6.7	66	37.1	100	56.2	178	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Meeker County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	5	100.0	5	100.0
5 – 14	1	5.6	5	27.8	12	66.7	18	100.0
15 – 19	2	4.0	18	36.0	30	60.0	50	100.0
20 – 24	3	8.6	13	37.1	19	54.3	35	100.0
25 – 29	1	8.3	5	41.7	6	50.0	12	100.0
30 – 34	0	0.0	3	33.3	6	66.7	9	100.0
35 and over	8	9.8	29	35.4	45	54.9	82	100.0
Total*	15	6.9	76	35.2	125	57.9	216	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Mille Lacs County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	25.0	3	75.0	4	100.0
5 – 14	0	0.0	7	16.7	35	83.3	42	100.0
15 – 19	1	2.1	22	45.8	25	52.1	48	100.0
20 – 24	1	3.3	13	43.3	16	53.3	30	100.0
25 – 29	1	4.5	9	40.9	12	54.5	22	100.0
30 – 34	2	11.8	4	23.5	11	64.7	17	100.0
35 and over	11	8.8	46	36.8	68	54.4	125	100.0
Total*	20	6.8	103	35.0	171	58.2	294	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morrison County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	2	50.0	0	0.0	2	50.0	4	100.0
5 – 14	3	11.5	5	19.2	18	69.2	26	100.0
15 – 19	6	10.7	19	33.9	31	55.4	56	100.0
20 – 24	3	9.1	11	33.3	19	57.6	33	100.0
25 – 29	1	6.7	3	20.0	11	73.3	15	100.0
30 – 34	1	7.1	9	64.3	4	28.6	14	100.0
35 and over	13	14.0	31	33.3	49	52.7	93	100.0
Total*	29	11.7	79	32.0	139	56.3	247	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Mower County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	1	100.0	1	100.0
5 – 14	1	5.9	9	52.9	7	41.2	17	100.0
15 – 19	4	6.3	16	25.4	43	68.3	63	100.0
20 – 24	2	4.3	18	39.1	26	56.5	46	100.0
25 – 29	0	0.0	8	34.8	15	65.2	23	100.0
30 – 34	3	11.1	7	25.9	17	63.0	27	100.0
35 and over	9	7.8	35	30.4	71	61.7	115	100.0
Total*	20	6.6	95	31.6	186	61.8	301	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Murray County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	33.3	2	66.7	3	100.0
5 – 14	0	0.0	4	50.0	4	50.0	8	100.0
15 – 19	1	7.7	6	46.2	6	46.2	13	100.0
20 – 24	0	0.0	3	50.0	3	50.0	6	100.0
25 – 29	1	11.1	1	11.1	7	77.8	9	100.0
30 – 34	0	0.0	1	25.0	3	75.0	4	100.0
35 and over	3	12.0	11	44.0	11	44.0	25	100.0
Total*	5	6.7	31	41.3	39	52.0	75	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Nicollet County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	3	100.0	3	100.0
5 – 14	2	15.4	4	30.8	7	53.8	13	100.0
15 – 19	2	5.9	16	47.1	16	47.1	34	100.0
20 – 24	2	4.3	16	34.0	29	61.7	47	100.0
25 – 29	1	5.0	5	25.0	14	70.0	20	100.0
30 – 34	1	5.0	9	45.0	10	50.0	20	100.0
35 and over	5	6.0	31	37.3	47	56.6	83	100.0
Total*	14	6.1	82	35.5	135	58.4	231	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Nobles County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	6	60.0	4	40.0	10	100.0
5 – 14	0	0.0	1	50.0	1	50.0	2	100.0
15 – 19	6	12.8	23	48.9	18	38.3	47	100.0
20 – 24	0	0.0	8	44.4	10	55.6	18	100.0
25 – 29	0	0.0	2	20.0	8	80.0	10	100.0
30 – 34	2	16.7	2	16.7	8	66.7	12	100.0
35 and over	6	12.0	14	28.0	30	60.0	50	100.0
Total*	14	9.1	57	37.0	83	53.9	154	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Norman County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	1	25.0	1	25.0	2	50.0	4	100.0
15 – 19	1	14.3	1	14.3	5	71.4	7	100.0
20 – 24	0	0.0	0	0.0	3	100.0	3	100.0
25 – 29	1	50.0	1	50.0	0	0.0	2	100.0
30 – 34	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
35 and over	1	6.3	6	37.5	9	56.3	16	100.0
Total*	4	12.1	9	27.3	20	60.6	33	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Olmsted County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	9	32.1	19	67.9	28	100.0
5 – 14	3	3.7	31	37.8	48	58.5	82	100.0
15 – 19	15	6.7	93	41.5	116	51.8	224	100.0
20 – 24	6	3.9	50	32.3	99	63.9	155	100.0
25 – 29	8	6.5	51	41.1	65	52.4	124	100.0
30 – 34	3	2.9	48	47.1	51	50.0	102	100.0
35 and over	26	5.5	177	37.6	268	56.9	471	100.0
Total*	61	5.0	467	38.2	694	56.8	1,222	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Otter Tail County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	16.7	3	50.0	2	33.3	6	100.0
5 – 14	7	23.3	11	36.7	12	40.0	30	100.0
15 – 19	10	8.4	63	52.9	46	38.7	119	100.0
20 – 24	7	9.7	43	59.7	22	30.6	72	100.0
25 – 29	6	20.7	14	48.3	9	31.0	29	100.0
30 – 34	6	23.1	9	34.6	11	42.3	26	100.0
35 and over	36	19.9	69	38.1	76	42.0	181	100.0
Total*	75	15.5	217	44.9	191	39.5	483	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Pennington County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	1	100.0	1	100.0
5 – 14	1	20.0	1	20.0	3	60.0	5	100.0
15 – 19	0	0.0	7	28.0	18	72.0	25	100.0
20 – 24	0	0.0	6	54.5	5	45.5	11	100.0
25 – 29	0	0.0	2	22.2	7	77.8	9	100.0
30 – 34	0	0.0	1	50.0	1	50.0	2	100.0
35 and over	0	0.0	16	30.2	37	69.8	53	100.0
Total*	1	0.9	33	30.0	76	69.1	110	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Pine County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	3	60.0	2	40.0	5	100.0
5 – 14	0	0.0	2	25.0	6	75.0	8	100.0
15 – 19	1	2.2	30	65.2	15	32.6	46	100.0
20 – 24	2	9.1	9	40.9	11	50.0	22	100.0
25 – 29	0	0.0	9	69.2	4	30.8	13	100.0
30 – 34	3	15.8	8	42.1	8	42.1	19	100.0
35 and over	3	2.5	53	43.8	65	53.7	121	100.0
Total*	9	3.7	114	46.5	122	49.8	245	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Pipestone County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	2	33.3	0	0.0	4	66.7	6	100.0
15 – 19	0	0.0	12	75.0	4	25.0	16	100.0
20 – 24	0	0.0	2	40.0	3	60.0	5	100.0
25 – 29	1	33.3	1	33.3	1	33.3	3	100.0
30 – 34	1	20.0	2	40.0	2	40.0	5	100.0
35 and over	6	20.7	8	27.6	15	51.7	29	100.0
Total*	10	15.6	25	39.1	29	45.3	64	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Polk County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	33.3	2	66.7	3	100.0
5 – 14	1	6.3	6	37.5	9	56.3	16	100.0
15 – 19	5	12.8	14	35.9	20	51.3	39	100.0
20 – 24	4	19.0	5	23.8	12	57.1	21	100.0
25 – 29	1	8.3	6	50.0	5	41.7	12	100.0
30 – 34	1	11.1	3	33.3	5	55.6	9	100.0
35 and over	7	8.8	36	45.0	37	46.3	80	100.0
Total*	19	10.0	73	38.4	98	51.6	190	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Pope County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	1	100.0	1	100.0
5 – 14	0	0.0	0	0.0	2	100.0	2	100.0
15 – 19	2	11.8	10	58.8	5	29.4	17	100.0
20 – 24	0	0.0	4	66.7	2	33.3	6	100.0
25 – 29	0	0.0	1	50.0	1	50.0	2	100.0
30 – 34	1	25.0	3	75.0	0	0.0	4	100.0
35 and over	1	7.1	4	28.6	9	64.3	14	100.0
Total*	4	8.2	23	46.9	22	44.9	49	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Ramsey County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	8	11.8	18	26.5	42	61.8	68	100.0
5 – 14	9	3.1	102	35.1	180	61.9	291	100.0
15 – 19	29	4.3	254	38.1	384	57.6	667	100.0
20 – 24	33	4.6	215	30.2	465	65.2	713	100.0
25 – 29	19	3.9	149	30.8	316	65.3	484	100.0
30 – 34	25	5.6	130	29.1	291	65.2	446	100.0
35 and over	112	5.5	611	30.2	1,303	64.3	2,026	100.0
Total*	248	5.0	1,518	30.7	3,172	64.2	4,938	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Red Lake County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	0	0.0	0	0.0	0	0.0
15 – 19	0	0.0	4	66.7	2	33.3	6	100.0
20 – 24	1	50.0	1	50.0	0	0.0	2	100.0
25 – 29	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
30 – 34	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
35 and over	0	0.0	1	33.3	2	66.7	3	100.0
Total*	1	8.3	6	50.0	5	41.7	12	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Redwood County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	33.3	2	66.7	3	100.0
5 – 14	1	9.1	4	36.4	6	54.5	11	100.0
15 – 19	3	8.1	23	62.2	11	29.7	37	100.0
20 – 24	2	16.7	4	33.3	6	50.0	12	100.0
25 – 29	0	0.0	5	45.5	6	54.5	11	100.0
30 – 34	2	16.7	2	16.7	8	66.7	12	100.0
35 and over	5	10.4	18	37.5	25	52.1	48	100.0
Total*	14	10.2	58	42.3	65	47.4	137	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Renville County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	2	100.0	2	100.0
5 – 14	0	0.0	3	42.9	4	57.1	7	100.0
15 – 19	10	21.3	15	31.9	22	46.8	47	100.0
20 – 24	1	6.7	7	46.7	7	46.7	15	100.0
25 – 29	0	0.0	4	44.4	5	55.6	9	100.0
30 – 34	0	0.0	6	85.7	1	14.3	7	100.0
35 and over	4	10.5	12	31.6	22	57.9	38	100.0
Total*	15	11.5	48	36.9	67	51.5	130	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Rice County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	3	42.9	4	57.1	7	100.0
5 – 14	2	7.4	11	40.7	14	51.9	27	100.0
15 – 19	14	11.3	55	44.4	55	44.4	124	100.0
20 – 24	8	12.1	25	37.9	33	50.0	66	100.0
25 – 29	7	13.7	19	37.3	25	49.0	51	100.0
30 – 34	5	16.1	7	22.6	19	61.3	31	100.0
35 and over	24	11.5	54	25.8	131	62.7	209	100.0
Total*	61	11.5	176	33.1	294	55.4	531	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Rock County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	1	100.0	1	100.0
5 – 14	0	0.0	0	0.0	1	100.0	1	100.0
15 – 19	0	0.0	8	57.1	6	42.9	14	100.0
20 – 24	1	8.3	8	66.7	3	25.0	12	100.0
25 – 29	0	0.0	3	60.0	2	40.0	5	100.0
30 – 34	0	0.0	2	40.0	3	60.0	5	100.0
35 and over	2	5.7	15	42.9	18	51.4	35	100.0
Total*	3	3.9	36	47.4	37	48.7	76	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Roseau County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	2	100.0	2	100.0
5 – 14	1	20.0	1	20.0	3	60.0	5	100.0
15 – 19	1	5.6	8	44.4	9	50.0	18	100.0
20 – 24	4	19.0	8	38.1	9	42.9	21	100.0
25 – 29	0	0.0	3	50.0	3	50.0	6	100.0
30 – 34	0	0.0	3	37.5	5	62.5	8	100.0
35 and over	6	14.3	15	35.7	21	50.0	42	100.0
Total*	12	10.9	40	36.4	58	52.7	110	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

St. Louis County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	5.9	5	29.4	11	64.7	17	100.0
5 – 14	4	5.0	30	37.5	46	57.5	80	100.0
15 – 19	20	8.1	95	38.3	133	53.6	248	100.0
20 – 24	11	6.0	83	45.4	89	48.6	183	100.0
25 – 29	11	9.6	45	39.1	59	51.3	115	100.0
30 – 34	16	14.2	47	41.6	50	44.2	113	100.0
35 and over	34	5.6	257	42.5	313	51.8	604	100.0
Total*	98	7.1	574	41.3	717	51.6	1,389	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Scott County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	2	18.2	9	81.8	11	100.0
5 – 14	4	8.9	11	24.4	30	66.7	45	100.0
15 – 19	13	9.8	44	33.1	76	57.1	133	100.0
20 – 24	7	8.0	29	33.0	52	59.1	88	100.0
25 – 29	7	10.9	23	35.9	34	53.1	64	100.0
30 – 34	8	12.5	18	28.1	38	59.4	64	100.0
35 and over	33	10.5	108	34.4	173	55.1	314	100.0
Total*	81	10.8	245	32.7	424	56.5	750	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Sherburne County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	2	13.3	6	40.0	7	46.7	15	100.0
5 – 14	2	4.3	22	47.8	22	47.8	46	100.0
15 – 19	10	8.4	54	45.4	55	46.2	119	100.0
20 – 24	8	8.3	35	36.5	53	55.2	96	100.0
25 – 29	4	5.6	32	44.4	36	50.0	72	100.0
30 – 34	3	7.9	13	34.2	22	57.9	38	100.0
35 and over	18	7.8	86	37.1	128	55.2	232	100.0
Total*	47	7.5	251	40.1	328	52.4	626	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Sibley County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	33.3	2	66.7	0	0.0	3	100.0
5 – 14	1	33.3	2	66.7	0	0.0	3	100.0
15 – 19	0	0.0	8	36.4	14	63.6	22	100.0
20 – 24	2	13.3	3	20.0	10	66.7	15	100.0
25 – 29	1	14.3	3	42.9	3	42.9	7	100.0
30 – 34	1	16.7	3	50.0	2	33.3	6	100.0
35 and over	3	6.8	19	43.2	22	50.0	44	100.0
Total*	9	8.9	40	39.6	52	51.5	101	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Stearns County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	6.7	4	26.7	10	66.7	15	100.0
5 – 14	5	6.3	25	31.3	50	62.5	80	100.0
15 – 19	12	4.9	105	42.9	128	52.2	245	100.0
20 – 24	17	8.0	68	32.1	127	59.9	212	100.0
25 – 29	12	10.8	40	36.0	59	53.2	111	100.0
30 – 34	5	6.0	25	29.8	54	64.3	84	100.0
35 and over	41	9.1	150	33.4	258	57.5	449	100.0
Total*	93	7.5	428	34.7	711	57.7	1,232	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Steele County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	2	100.0	2	100.0
5 – 14	1	8.3	4	33.3	7	58.3	12	100.0
15 – 19	3	7.0	22	51.2	18	41.9	43	100.0
20 – 24	5	15.6	12	37.5	15	46.9	32	100.0
25 – 29	4	15.4	12	46.2	10	38.5	26	100.0
30 – 34	2	11.1	8	44.4	8	44.4	18	100.0
35 and over	20	24.4	22	26.8	40	48.8	82	100.0
Total*	35	15.8	83	37.6	103	46.6	221	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Stevens County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	0	0.0	1	100.0	1	100.0
15 – 19	2	8.7	10	43.5	11	47.8	23	100.0
20 – 24	1	10.0	4	40.0	5	50.0	10	100.0
25 – 29	1	16.7	2	33.3	3	50.0	6	100.0
30 – 34	0	0.0	0	0.0	3	100.0	3	100.0
35 and over	4	23.5	7	41.2	6	35.3	17	100.0
Total*	8	13.1	24	39.3	29	47.5	61	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Swift County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	1	33.3	2	66.7	3	100.0
15 – 19	3	12.0	14	56.0	8	32.0	25	100.0
20 – 24	1	14.3	4	57.1	2	28.6	7	100.0
25 – 29	0	0.0	4	100.0	0	0.0	4	100.0
30 – 34	0	0.0	0	0.0	5	100.0	5	100.0
35 and over	3	10.7	11	39.3	14	50.0	28	100.0
Total*	7	9.5	35	47.3	32	43.2	74	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Todd County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	25.0	1	25.0	2	50.0	4	100.0
5 – 14	7	38.9	8	44.4	3	16.7	18	100.0
15 – 19	3	6.5	37	80.4	6	13.0	46	100.0
20 – 24	2	9.5	14	66.7	5	23.8	21	100.0
25 – 29	3	30.0	3	30.0	4	40.0	10	100.0
30 – 34	2	22.2	4	44.4	3	33.3	9	100.0
35 and over	7	10.9	26	40.6	31	48.4	64	100.0
Total*	25	14.3	94	53.7	56	32.0	175	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Traverse County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	0	0.0	0	0.0	0	0.0
15 – 19	1	10.0	7	70.0	2	20.0	10	100.0
20 – 24	0	0.0	4	80.0	1	20.0	5	100.0
25 – 29	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
30 – 34	0	0.0	1	25.0	3	75.0	4	100.0
35 and over	1	33.3	1	33.3	1	33.3	3	100.0
Total*	3	13.0	13	56.5	7	30.4	23	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Wabasha County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	2	50.0	1	25.0	1	25.0	4	100.0
5 – 14	1	14.3	3	42.9	3	42.9	7	100.0
15 – 19	4	10.0	16	40.0	20	50.0	40	100.0
20 – 24	5	25.0	4	20.0	11	55.0	20	100.0
25 – 29	0	0.0	6	60.0	4	40.0	10	100.0
30 – 34	1	12.5	3	37.5	4	50.0	8	100.0
35 and over	4	6.5	25	40.3	33	53.2	62	100.0
Total*	17	11.0	59	38.3	78	50.6	154	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Wadena County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	2	66.7	1	33.3	3	100.0
5 – 14	2	25.0	4	50.0	2	25.0	8	100.0
15 – 19	4	19.0	11	52.4	6	28.6	21	100.0
20 – 24	0	0.0	0	0.0	8	100.0	8	100.0
25 – 29	1	16.7	2	33.3	3	50.0	6	100.0
30 – 34	0	0.0	3	50.0	3	50.0	6	100.0
35 and over	12	26.1	15	32.6	19	41.3	46	100.0
Total*	19	18.8	38	37.6	44	43.6	101	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Waseca County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	100.0	0	0.0	1	100.0
5 – 14	0	0.0	3	21.4	11	78.6	14	100.0
15 – 19	2	7.1	15	53.6	11	39.3	28	100.0
20 – 24	1	5.3	9	47.4	9	47.4	19	100.0
25 – 29	1	5.3	8	42.1	10	52.6	19	100.0
30 – 34	1	6.7	4	26.7	10	66.7	15	100.0
35 and over	8	13.1	18	29.5	35	57.4	61	100.0
Total*	13	8.2	58	36.5	88	55.3	159	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Washington County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	1	5.9	7	41.2	9	52.9	17	100.0
5 – 14	7	8.1	28	32.6	51	59.3	86	100.0
15 – 19	19	5.5	145	41.8	183	52.7	347	100.0
20 – 24	13	7.6	59	34.5	99	57.9	171	100.0
25 – 29	7	6.7	37	35.6	60	57.7	104	100.0
30 – 34	8	8.2	31	31.6	59	60.2	98	100.0
35 and over	33	6.3	185	35.5	303	58.2	521	100.0
Total*	88	6.3	504	36.0	808	57.7	1,400	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Watonwan County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	1	100.0	1	100.0
5 – 14	0	0.0	1	33.3	2	66.7	3	100.0
15 – 19	0	0.0	9	45.0	11	55.0	20	100.0
20 – 24	0	0.0	3	42.9	4	57.1	7	100.0
25 – 29	0	0.0	1	50.0	1	50.0	2	100.0
30 – 34	0	0.0	3	33.3	6	66.7	9	100.0
35 and over	2	7.1	13	46.4	13	46.4	28	100.0
Total*	2	2.9	30	42.9	38	54.3	70	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Wilkin County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	0	0.0	0	0.0	0	0.0
5 – 14	0	0.0	0	0.0	3	100.0	3	100.0
15 – 19	1	4.2	8	33.3	15	62.5	24	100.0
20 – 24	0	0.0	3	75.0	1	25.0	4	100.0
25 – 29	0	0.0	1	20.0	4	80.0	5	100.0
30 – 34	1	11.1	3	33.3	5	55.6	9	100.0
35 and over	2	7.1	8	28.6	18	64.3	28	100.0
Total*	4	5.4	23	31.1	47	63.5	74	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Winona County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	1	50.0	1	50.0	2	100.0
5 – 14	1	3.4	8	27.6	20	69.0	29	100.0
15 – 19	8	10.0	28	35.0	44	55.0	80	100.0
20 – 24	6	8.0	34	45.3	35	46.7	75	100.0
25 – 29	4	13.8	11	37.9	14	48.3	29	100.0
30 – 34	3	9.7	8	25.8	20	64.5	31	100.0
35 and over	20	13.0	59	38.3	75	48.7	154	100.0
Total*	42	10.0	157	37.6	219	52.4	418	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Morbidity and Utilization Table 13: Motor Vehicle Injuries in Minnesota by Severity and Age Group by State and County, 2001

Wright County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	7	38.9	11	61.1	18	100.0
5 – 14	3	4.9	19	31.1	39	63.9	61	100.0
15 – 19	10	4.8	95	45.2	105	50.0	210	100.0
20 – 24	2	2.3	43	48.9	43	48.9	88	100.0
25 – 29	5	6.3	32	40.5	42	53.2	79	100.0
30 – 34	3	4.6	22	33.8	40	61.5	65	100.0
35 and over	15	5.1	102	34.9	175	59.9	292	100.0
Total*	38	4.6	320	38.8	466	56.6	824	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Yellow Medicine County – Motor Vehicle Injuries by Severity and Age Group, 2001

Age Group	Injury Severity							
	Severe		Moderate		Minor		Total*	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0 – 4	0	0.0	2	100.0	0	0.0	2	100.0
5 – 14	1	25.0	2	50.0	1	25.0	4	100.0
15 – 19	0	0.0	18	62.1	11	37.9	29	100.0
20 – 24	1	7.1	9	64.3	4	28.6	14	100.0
25 – 29	0	0.0	3	42.9	4	57.1	7	100.0
30 – 34	0	0.0	1	50.0	1	50.0	2	100.0
35 and over	2	6.9	17	58.6	10	34.5	29	100.0
Total*	5	5.6	52	57.8	33	36.7	90	100.0

Source: Minnesota Department of Public Safety

*Includes unknown

Motor Vehicle Injuries: Severity of injuries are categorized as follows:

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, abrasion, 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).

Section D: Morbidity and Utilization Tables

Morbidity and Utilization Table 1a: Number of Cases of Cancer Diagnosed by Major Site and Sex in Minnesota by State and County, 1997-1999**

	Breast				Colon and Rectum			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	60	0.2	10,255	32.8	3,723	11.3	3,792	12.1
Aitkin	0	0.0	53	35.6	19	10.7	17	11.4
Anoka	2	0.1	460	33.1	139	9.7	129	9.3
Becker	0	0.0	66	32.8	30	9.5	26	12.9
Beltrami	0	0.0	63	29.4	30	12.4	35	16.4
Benton	1	0.5	47	29.9	31	14.0	29	18.5
Big Stone	1	1.2	17	28.3	14	17.3	8	13.3
Blue Earth	1	0.3	106	32.9	32	10.4	41	12.7
Brown	0	0.0	59	27.1	22	10.2	32	14.7
Carlton	0	0.0	66	29.5	32	11.8	25	11.2
Carver	0	0.0	98	32.8	31	10.1	31	10.4
Cass	1	0.4	65	32.7	22	8.2	24	12.1
Chippewa	0	0.0	37	35.2	17	13.3	17	16.2
Chisago	0	0.0	79	31.9	36	13.0	24	9.7
Clay	0	0.0	105	32.2	50	12.4	49	15.0
Clearwater	0	0.0	27	38.0	9	9.9	14	19.7
Cook	0	0.0	7	20.0	6	16.2	2	5.7
Cottonwood	0	0.0	42	34.7	26	19.0	20	16.5
Crow Wing	1	0.2	129	33.0	47	8.9	53	13.6
Dakota	1	0.1	596	35.1	162	9.9	169	9.9
Dodge	0	0.0	30	29.7	9	7.3	20	19.8
Douglas	0	0.0	84	35.3	45	14.7	38	16.0
Faribault	0	0.0	48	33.8	25	14.0	22	15.5
Fillmore	0	0.0	39	23.6	25	12.7	27	16.4
Freeborn	0	0.0	77	30.8	39	12.8	48	19.2
Goodhue	0	0.0	103	31.8	37	11.3	55	17.0
Grant	0	0.0	17	27.4	12	13.5	14	22.6
Hennepin	16	0.2	2,561	35.0	722	10.6	756	10.3
Houston	0	0.0	41	29.9	21	14.8	21	15.3
Hubbard	0	0.0	51	32.5	25	13.5	25	15.9
Isanti	0	0.0	55	34.4	10	5.6	16	10.0
Itasca	1	0.3	103	29.5	46	12.7	48	13.8
Jackson	0	0.0	18	26.9	14	15.9	9	13.4
Kanabec	0	0.0	33	35.1	9	8.9	7	7.4
Kandiyohi	0	0.0	101	32.9	30	9.9	39	12.7
Kittson	0	0.0	17	35.4	7	14.9	6	12.5
Koochiching	0	0.0	42	32.8	11	9.2	9	7.0
Lac Qui Parle	0	0.0	19	27.1	7	8.0	8	11.4
Lake	0	0.0	30	30.9	16	12.1	14	14.4
Lake of the Woods	0	0.0	9	30.0	5	12.8	3	10.0
Le Sueur	0	0.0	65	39.9	15	8.0	17	10.4
Lincoln	0	0.0	15	31.3	9	15.0	10	20.8
Lyon	0	0.0	45	27.4	22	12.0	20	12.2
McLeod	0	0.0	77	30.7	34	15.3	43	17.1
Mahnomen	0	0.0	6	18.2	7	10.9	8	24.2
Marshall	0	0.0	32	41.6	12	12.0	6	7.8
Martin	0	0.0	53	27.7	19	9.1	27	14.1
Meeker	0	0.0	46	32.2	19	10.3	21	14.7
Mille Lacs	0	0.0	59	31.1	21	8.8	22	11.6
Morrison	1	0.3	37	19.7	51	17.2	29	15.4
Mower	1	0.2	103	28.3	54	12.7	63	17.3
Murray	0	0.0	22	30.6	20	20.8	9	12.5

Morbidity and Utilization Table 1a: Number of Cases of Cancer Diagnosed by Major Site and Sex in Minnesota by State and County, 1997-1999**

	Breast				Colon and Rectum			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	60	0.2	10,255	32.8	3,723	11.3	3,792	12.1
Nicollet	1	0.5	50	32.7	16	8.6	19	12.4
Nobles	0	0.0	53	33.8	28	15.7	26	16.6
Norman	0	0.0	20	27.8	13	15.1	10	13.9
Olmsted	0	0.0	222	30.7	68	7.6	89	12.3
Otter Tail	2	0.3	139	31.0	75	12.0	58	12.9
Pennington	0	0.0	35	33.3	16	15.2	22	21.0
Pine	0	0.0	51	29.8	20	8.5	26	15.2
Pipestone	0	0.0	23	28.4	8	8.3	14	17.3
Polk	1	0.3	69	26.6	51	16.8	43	16.6
Pope	0	0.0	26	28.6	18	16.5	13	14.3
Ramsey	9	0.3	1,135	33.0	307	10.0	407	11.8
Red Lake	0	0.0	12	32.4	4	11.8	5	13.5
Redwood	1	0.6	45	32.8	25	14.8	16	11.7
Renville	0	0.0	52	34.7	22	14.9	20	13.3
Rice	2	0.5	101	32.7	51	13.9	50	16.2
Rock	1	1.1	23	28.0	16	17.8	11	13.4
Roseau	0	0.0	31	37.8	16	15.8	9	11.0
St. Louis	3	0.2	527	31.6	221	12.2	211	12.6
Scott	0	0.0	126	35.2	33	8.7	28	7.8
Sherburne	0	0.0	87	32.8	37	11.5	29	10.9
Sibley	1	0.8	34	32.1	14	11.7	19	17.9
Stearns	3	0.4	220	30.6	93	11.4	71	9.9
Steele	2	0.8	71	34.5	33	13.0	29	14.1
Stevens	0	0.0	32	31.1	16	20.5	18	17.5
Swift	1	0.8	28	28.3	7	5.6	14	14.1
Todd	0	0.0	56	34.6	28	15.3	20	12.3
Traverse	0	0.0	22	42.3	7	14.6	11	21.2
Wabasha	0	0.0	60	34.3	20	12.0	30	17.1
Wadena	1	0.7	23	22.5	23	16.3	19	18.6
Waseca	0	0.0	37	28.7	19	13.6	17	13.2
Washington	4	0.4	340	35.1	111	11.9	92	9.5
Watonwan	0	0.0	30	29.1	10	10.2	19	18.4
Wilkin	0	0.0	18	39.1	9	14.8	2	4.3
Winona	0	0.0	105	32.1	55	15.5	47	14.4
Wright	1	0.2	144	32.2	58	11.7	47	10.5
Yellow Medicine	0	0.0	29	27.9	13	12.5	18	17.3

Source: Minnesota Department of Health, Minnesota Cancer Surveillance System

**Includes number of cases diagnosed for the years 1997, 1998 and 1999.

*Percent = # specific cancers deaths in males for county (or state) / total cancers deaths in males for county (or state)

^Percent = # specific cancers deaths in females for county (or state) / total cancers deaths in females for county (or state)

ICD-O-2 Site Codes:

Breast C50.0 - C50.9, excluding lymphomas (ICD-O-2 cell types M959_ - M998_)

Colon & Rectum C18.0 - C18.9, C19.9, C20.9, C26.0, excluding lymphomas (ICD-O-2 cell types M959_ - M998_)

Morbidity and Utilization Table 1b: Number of Cases of Cancer Diagnosed by Major Site and Sex in Minnesota by State and County, 1997-1999**

	Lung				Prostate			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	4,441	13.4	3,287	10.5	10,521	31.9	0	0.0
Aitkin	24	13.5	20	13.4	58	32.6	0	0.0
Anoka	180	12.6	177	12.8	491	34.2	0	0.0
Becker	46	14.6	26	12.9	108	34.2	0	0.0
Beltrami	39	16.1	29	13.6	81	33.5	0	0.0
Benton	27	12.2	15	9.6	75	33.8	0	0.0
Big Stone	11	13.6	3	5.0	22	27.2	0	0.0
Blue Earth	33	10.7	30	9.3	99	32.2	0	0.0
Brown	21	9.7	17	7.8	81	37.5	0	0.0
Carlton	37	13.7	24	10.7	72	26.6	0	0.0
Carver	31	10.1	29	9.7	114	37.1	0	0.0
Cass	53	19.8	24	12.1	82	30.6	0	0.0
Chippewa	14	10.9	8	7.6	48	37.5	0	0.0
Chisago	40	14.4	24	9.7	81	29.2	0	0.0
Clay	53	13.1	24	7.4	149	36.9	0	0.0
Clearwater	14	15.4	6	8.5	30	33.0	0	0.0
Cook	5	13.5	7	20.0	5	13.5	0	0.0
Cottonwood	19	13.9	7	5.8	50	36.5	0	0.0
Crow Wing	71	13.4	41	10.5	205	38.6	0	0.0
Dakota	194	11.8	160	9.4	489	29.7	0	0.0
Dodge	17	13.8	8	7.9	42	34.1	0	0.0
Douglas	39	12.7	21	8.8	99	32.2	0	0.0
Faribault	26	14.5	10	7.0	68	38.0	0	0.0
Fillmore	29	14.7	12	7.3	63	32.0	0	0.0
Freeborn	40	13.2	23	9.2	101	33.2	0	0.0
Goodhue	43	13.2	22	6.8	112	34.4	0	0.0
Grant	12	13.5	7	11.3	32	36.0	0	0.0
Hennepin	970	14.2	782	10.7	2,033	29.7	0	0.0
Houston	19	13.4	11	8.0	37	26.1	0	0.0
Hubbard	23	12.4	20	12.7	65	35.1	0	0.0
Isanti	28	15.6	12	7.5	59	32.8	0	0.0
Itasca	55	15.2	45	12.9	103	28.5	0	0.0
Jackson	8	9.1	4	6.0	25	28.4	0	0.0
Kanabec	13	12.9	8	8.5	37	36.6	0	0.0
Kandiyohi	46	15.2	22	7.2	103	34.1	0	0.0
Kittson	3	6.4	7	14.6	17	36.2	0	0.0
Koochiching	11	9.2	23	18.0	45	37.8	0	0.0
Lac Qui Parle	14	16.1	12	17.1	24	27.6	0	0.0
Lake	24	18.2	15	15.5	42	31.8	0	0.0
Lake of the Woods	5	12.8	2	6.7	15	38.5	0	0.0
Le Sueur	33	17.6	17	10.4	67	35.8	0	0.0
Lincoln	5	8.3	3	6.3	20	33.3	0	0.0
Lyon	31	16.8	14	8.5	56	30.4	0	0.0
McLeod	25	11.3	24	9.6	74	33.3	0	0.0
Mahnomen	9	14.1	3	9.1	20	31.3	0	0.0
Marshall	8	8.0	11	14.3	41	41.0	0	0.0
Martin	30	14.4	13	6.8	82	39.4	0	0.0
Meeker	30	16.3	15	10.5	57	31.0	0	0.0
Mille Lacs	32	13.4	21	11.1	83	34.9	0	0.0
Morrison	40	13.5	23	12.2	94	31.8	0	0.0
Mower	71	16.7	45	12.4	142	33.5	0	0.0
Murray	14	14.6	5	6.9	29	30.2	0	0.0

Morbidity and Utilization Table 1b: Number of Cases of Cancer Diagnosed by Major Site and Sex in Minnesota by State and County, 1997-1999**

	Lung				Prostate			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	4,441	13.4	3,287	10.5	10,521	31.9	0	0.0
Nicollet	27	14.5	13	8.5	51	27.4	0	0.0
Nobles	21	11.8	14	8.9	59	33.1	0	0.0
Norman	17	19.8	4	5.6	35	40.7	0	0.0
Olmsted	112	12.5	80	11.0	306	34.2	0	0.0
Otter Tail	71	11.4	46	10.2	248	39.7	0	0.0
Pennington	16	15.2	9	8.6	30	28.6	0	0.0
Pine	43	18.4	27	15.8	84	35.9	0	0.0
Pipestone	11	11.5	4	4.9	35	36.5	0	0.0
Polk	47	15.5	30	11.6	80	26.4	0	0.0
Pope	14	12.8	10	11.0	34	31.2	0	0.0
Ramsey	428	13.9	392	11.4	901	29.4	0	0.0
Red Lake	2	5.9	2	5.4	14	41.2	0	0.0
Redwood	25	14.8	9	6.6	50	29.6	0	0.0
Renville	22	14.9	10	6.7	46	31.1	0	0.0
Rice	48	13.0	33	10.7	111	30.2	0	0.0
Rock	13	14.4	2	2.4	33	36.7	0	0.0
Roseau	13	12.9	5	6.1	30	29.7	0	0.0
St. Louis	268	14.8	203	12.2	552	30.4	0	0.0
Scott	45	11.8	35	9.8	136	35.8	0	0.0
Sherburne	35	10.9	28	10.6	104	32.3	0	0.0
Sibley	14	11.7	6	5.7	41	34.2	0	0.0
Stearns	90	11.0	76	10.6	267	32.6	0	0.0
Steele	27	10.6	20	9.7	97	38.2	0	0.0
Stevens	6	7.7	5	4.9	26	33.3	0	0.0
Swift	15	12.1	6	6.1	49	39.5	0	0.0
Todd	15	8.2	13	8.0	57	31.1	0	0.0
Traverse	8	16.7	4	7.7	20	41.7	0	0.0
Wabasha	20	12.0	21	12.0	51	30.5	0	0.0
Wadena	20	14.2	12	11.8	52	36.9	0	0.0
Waseca	15	10.7	17	13.2	52	37.1	0	0.0
Washington	104	11.2	105	10.8	269	28.9	0	0.0
Watonwan	18	18.4	7	6.8	41	41.8	0	0.0
Wilkin	10	16.4	4	8.7	15	24.6	0	0.0
Winona	48	13.6	33	10.1	113	31.9	0	0.0
Wright	60	12.1	55	12.3	164	33.0	0	0.0
Yellow Medicine	16	15.4	8	7.7	30	28.8	0	0.0

Source: Minnesota Department of Health, Minnesota Cancer Surveillance System

**Includes number of cases diagnosed for the years 1997, 1998 and 1999.

*Percent = # specific cancers deaths in males for county (or state) / total cancers deaths in males for county (or state)

^Percent = # specific cancers deaths in females for county (or state) / total cancers deaths in females for county (or state)

ICD-O-2 Site Codes:

Lung & Bronchus C34.0 - C34.9, excluding lymphomas (ICD-O-2 cell types M959_ - M998_)

Prostate C61.9, excluding lymphomas (ICD-O-2 cell types M959_ - M998_)

Morbidity and Utilization Table 1c: Number of Cases of Cancer Diagnosed by Major Site and Sex in Minnesota by State and County, 1997-1999**

	Other				Total			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	14,276	43.2	13,942	44.6	33,021	100.0	31,276	100.0
Aitkin	77	43.3	59	39.6	178	100.0	149	100.0
Anoka	622	43.4	622	44.8	1,434	100.0	1,388	100.0
Becker	132	41.8	83	41.3	316	100.0	201	100.0
Beltrami	92	38.0	87	40.7	242	100.0	214	100.0
Benton	88	39.6	66	42.0	222	100.0	157	100.0
Big Stone	33	40.7	32	53.3	81	100.0	60	100.0
Blue Earth	142	46.3	145	45.0	307	100.0	322	100.0
Brown	92	42.6	110	50.5	216	100.0	218	100.0
Carlton	130	48.0	109	48.7	271	100.0	224	100.0
Carver	131	42.7	141	47.2	307	100.0	299	100.0
Cass	110	41.0	86	43.2	268	100.0	199	100.0
Chippewa	49	38.3	43	41.0	128	100.0	105	100.0
Chisago	120	43.3	121	48.8	277	100.0	248	100.0
Clay	152	37.6	148	45.4	404	100.0	326	100.0
Clearwater	38	41.8	24	33.8	91	100.0	71	100.0
Cook	21	56.8	19	54.3	37	100.0	35	100.0
Cottonwood	42	30.7	52	43.0	137	100.0	121	100.0
Crow Wing	207	39.0	168	43.0	531	100.0	391	100.0
Dakota	798	48.5	774	45.6	1,644	100.0	1,699	100.0
Dodge	55	44.7	43	42.6	123	100.0	101	100.0
Douglas	124	40.4	95	39.9	307	100.0	238	100.0
Faribault	60	33.5	62	43.7	179	100.0	142	100.0
Fillmore	80	40.6	87	52.7	197	100.0	165	100.0
Freeborn	124	40.8	102	40.8	304	100.0	250	100.0
Goodhue	134	41.1	144	44.4	326	100.0	324	100.0
Grant	33	37.1	24	38.7	89	100.0	62	100.0
Hennepin	3,093	45.3	3,213	43.9	6,834	100.0	7,312	100.0
Houston	65	45.8	64	46.7	142	100.0	137	100.0
Hubbard	72	38.9	61	38.9	185	100.0	157	100.0
Isanti	83	46.1	77	48.1	180	100.0	160	100.0
Itasca	156	43.2	153	43.8	361	100.0	349	100.0
Jackson	41	46.6	36	53.7	88	100.0	67	100.0
Kanabec	42	41.6	46	48.9	101	100.0	94	100.0
Kandiyohi	123	40.7	145	47.2	302	100.0	307	100.0
Kittson	20	42.6	18	37.5	47	100.0	48	100.0
Koochiching	52	43.7	54	42.2	119	100.0	128	100.0
Lac Qui Parle	42	48.3	31	44.3	87	100.0	70	100.0
Lake	50	37.9	38	39.2	132	100.0	97	100.0
Lake of the Woods	14	35.9	16	53.3	39	100.0	30	100.0
Le Sueur	72	38.5	64	39.3	187	100.0	163	100.0
Lincoln	26	43.3	20	41.7	60	100.0	48	100.0
Lyon	75	40.8	85	51.8	184	100.0	164	100.0
McLeod	89	40.1	107	42.6	222	100.0	251	100.0
Mahnomen	28	43.8	16	48.5	64	100.0	33	100.0
Marshall	39	39.0	28	36.4	100	100.0	77	100.0
Martin	77	37.0	98	51.3	208	100.0	191	100.0
Meeker	78	42.4	61	42.7	184	100.0	143	100.0
Mille Lacs	102	42.9	88	46.3	238	100.0	190	100.0
Morrison	110	37.2	99	52.7	296	100.0	188	100.0
Mower	156	36.8	153	42.0	424	100.0	364	100.0
Murray	33	34.4	36	50.0	96	100.0	72	100.0

Morbidity and Utilization Table 1c: Number of Cases of Cancer Diagnosed by Major Site and Sex in Minnesota by State and County, 1997-1999**

	Other				Total			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	14,276	43.2	13,942	44.6	33,021	100.0	31,276	100.0
Nicollet	91	48.9	71	46.4	186	100.0	153	100.0
Nobles	70	39.3	64	40.8	178	100.0	157	100.0
Norman	21	24.4	38	52.8	86	100.0	72	100.0
Olmsted	408	45.6	333	46.0	894	100.0	724	100.0
Otter Tail	228	36.5	206	45.9	624	100.0	449	100.0
Pennington	43	41.0	39	37.1	105	100.0	105	100.0
Pine	87	37.2	67	39.2	234	100.0	171	100.0
Pipestone	42	43.8	40	49.4	96	100.0	81	100.0
Polk	124	40.9	117	45.2	303	100.0	259	100.0
Pope	43	39.4	42	46.2	109	100.0	91	100.0
Ramsey	1,424	46.4	1,510	43.8	3,069	100.0	3,444	100.0
Red Lake	14	41.2	18	48.6	34	100.0	37	100.0
Redwood	68	40.2	67	48.9	169	100.0	137	100.0
Renville	58	39.2	68	45.3	148	100.0	150	100.0
Rice	156	42.4	125	40.5	368	100.0	309	100.0
Rock	27	30.0	46	56.1	90	100.0	82	100.0
Roseau	42	41.6	37	45.1	101	100.0	82	100.0
St. Louis	772	42.5	727	43.6	1,816	100.0	1,668	100.0
Scott	166	43.7	169	47.2	380	100.0	358	100.0
Sherburne	146	45.3	121	45.7	322	100.0	265	100.0
Sibley	50	41.7	47	44.3	120	100.0	106	100.0
Stearns	366	44.7	353	49.0	819	100.0	720	100.0
Steele	95	37.4	86	41.7	254	100.0	206	100.0
Stevens	30	38.5	48	46.6	78	100.0	103	100.0
Swift	52	41.9	51	51.5	124	100.0	99	100.0
Todd	83	45.4	73	45.1	183	100.0	162	100.0
Traverse	13	27.1	15	28.8	48	100.0	52	100.0
Wabasha	76	45.5	64	36.6	167	100.0	175	100.0
Wadena	45	31.9	48	47.1	141	100.0	102	100.0
Waseca	54	38.6	58	45.0	140	100.0	129	100.0
Washington	442	47.5	433	44.6	930	100.0	970	100.0
Watonwan	29	29.6	47	45.6	98	100.0	103	100.0
Wilkin	27	44.3	22	47.8	61	100.0	46	100.0
Winona	138	39.0	142	43.4	354	100.0	327	100.0
Wright	214	43.1	201	45.0	497	100.0	447	100.0
Yellow Medicine	45	43.3	49	47.1	104	100.0	104	100.0

Source: Minnesota Department of Health, Minnesota Cancer Surveillance System

**Includes number of cases diagnosed for the years 1997, 1998 and 1999.

*Percent = # specific cancers deaths in males for county (or state) / total cancers deaths in males for county (or state)

^Percent = # specific cancers deaths in females for county (or state) / total cancers deaths in females for county (or state)

ICD-O-2 Site Codes:

Other Cell types M959_ - M998_, and all other Site Codes

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

(Counts include invasive cancers only, with the exception of cancers of urinary bladder, which include in situ cancers.)

Morbidity and Utilization Table 2: Number of Cases of Vaccine Preventable Disease Morbidity in Minnesota by State and County, 2001*

	Measles	Mumps	Pertussis	Hepatitis A	Hepatitis B
State of Minnesota	4	6	308	47	44
Aitkin	0	0	1	0	0
Anoka	0	1	31	3	2
Becker	0	0	3	0	0
Beltrami	0	0	0	1	0
Benton	0	0	3	0	0
Big Stone	0	0	0	0	0
Blue Earth	0	0	0	0	0
Brown	0	0	0	1	0
Carlton	0	0	0	1	0
Carver	0	0	12	5	0
Cass	0	0	1	0	1
Chippewa	0	0	0	0	0
Chisago	0	0	1	0	0
Clay	0	0	7	0	1
Clearwater	0	0	0	0	0
Cook	0	0	0	0	1
Cottonwood	0	0	0	0	0
Crow Wing	0	0	1	0	1
Dakota	0	1	11	5	2
Dodge	0	0	0	0	1
Douglas	0	0	1	0	0
Faribault	0	0	2	0	0
Fillmore	0	0	1	0	0
Freeborn	0	0	0	0	0
Goodhue	0	0	0	0	0
Grant	0	0	0	0	0
Hennepin	4	0	118	13	27
Houston	0	0	0	0	1
Hubbard	0	0	0	0	2
Isanti	0	0	1	0	0
Itasca	0	0	0	0	0
Jackson	0	0	0	0	0
Kanabec	0	0	1	0	0
Kandiyohi	0	0	11	0	0
Kittson	0	0	0	0	0
Koochiching	0	0	0	0	0
Lac Qui Parle	0	0	0	0	0
Lake	0	0	0	0	0
Lake of the Woods	0	0	0	0	0
Le Sueur	0	0	0	0	0
Lincoln	0	0	1	0	0
Lyon	0	0	1	0	0
McLeod	0	0	0	0	0
Mahnomen	0	0	0	0	0
Marshall	0	0	0	0	0
Martin	0	0	0	0	0
Meeker	0	0	3	0	0
Mille Lacs	0	0	0	0	0
Morrison	0	1	0	0	0
Mower	0	0	0	0	0
Murray	0	0	0	0	0
Nicollet	0	0	0	1	0

Morbidity and Utilization Table 2: Number of Cases of Vaccine Preventable Disease Morbidity in Minnesota by State and County, 2001*

	Measles	Mumps	Pertussis	Hepatitis A	Hepatitis B
State of Minnesota	4	6	308	47	44
Nobles	0	0	0	0	0
Norman	0	0	0	0	0
Olmsted	0	1	0	0	1
Otter Tail	0	0	1	1	0
Pennington	0	0	0	0	0
Pine	0	0	0	0	0
Pipestone	0	0	0	0	0
Polk	0	0	0	0	0
Pope	0	0	0	0	0
Ramsey	0	0	22	1	2
Red Lake	0	0	0	0	0
Redwood	0	0	0	0	0
Renville	0	0	2	0	0
Rice	0	0	2	0	0
Rock	0	0	0	0	0
Roseau	0	0	0	0	0
St. Louis	0	0	9	4	0
Scott	0	0	10	0	0
Sherburne	0	1	2	1	0
Sibley	0	0	1	3	0
Stearns	0	0	25	0	0
Steele	0	0	1	0	0
Stevens	0	0	0	0	0
Swift	0	0	0	0	0
Todd	0	0	3	0	0
Traverse	0	0	0	0	0
Wabasha	0	0	0	0	0
Wadena	0	0	0	0	0
Waseca	0	0	0	1	0
Washington	0	0	3	3	2
Watonwan	0	0	0	1	0
Wilkin	0	0	0	0	0
Winona	0	0	0	0	0
Wright	0	1	14	2	0
Yellow Medicine	0	0	2	0	0

Source: Minnesota Department of Health, Acute Disease Epidemiology

*Note: There were no cases of Rubella, Diphtheria, Tetanus or Polio in Minnesota in 2001

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 612/676-5414

Morbidity and Utilization Table 3a: Number of Cases of Sexually Transmitted Diseases Reported in Minnesota by State and County, 2001

	Chlamydia, 2001	Gonorrhea, 2001	Primary/Secondary Syphilis, 2001	Syphilis - All Stages, 2001*	HIV**	
					2001	2000
State of Minnesota	8,323	2,701	33	134	283	267
Aitkin	6	1	0	0	0	0
Anoka	343	68	2	9	15	7
Becker	46	12	0	0	0	0
Beltrami	80	5	0	0	0	1
Benton	33	9	0	0	0	1
Big Stone	1	0	0	0	0	0
Blue Earth	100	18	0	1	1	0
Brown	13	3	0	0	0	0
Carlton	31	5	0	0	1	0
Carver	23	12	0	2	0	5
Cass	30	4	0	0	0	1
Chippewa	12	1	0	0	0	0
Chisago	28	8	0	0	2	0
Clay	82	8	0	0	1	1
Clearwater	8	0	0	1	0	0
Cook	2	0	0	0	1	0
Cottonwood	8	0	0	0	0	1
Crow Wing	44	5	0	0	0	1
Dakota	356	80	0	4	9	14
Dodge	13	1	0	0	0	0
Douglas	25	1	0	0	0	1
Faribault	6	0	0	0	1	1
Fillmore	6	1	0	0	0	1
Freeborn	29	1	0	0	0	1
Goodhue	31	6	0	0	0	0
Grant	3	1	0	0	1	0
Hennepin	3,523	1,573	24	80	176	162
Houston	14	3	0	0	0	0
Hubbard	8	2	0	0	0	0
Isanti	19	1	0	0	0	0
Itasca	58	3	0	0	0	0
Jackson	0	1	0	0	0	0
Kanabec	5	1	0	0	0	0
Kandiyohi	54	2	0	0	0	2
Kittson	0	0	0	0	0	0
Koochiching	6	0	0	0	0	0
Lac Qui Parle	3	1	0	0	0	0
Lake	10	1	0	0	0	0
Lake of the Woods	1	0	0	0	0	0
Le Sueur	10	1	0	0	0	0
Lincoln	2	0	0	0	0	0
Lyon	31	1	0	0	1	4
McLeod	11	3	0	0	1	0
Mahnomen	23	1	0	0	0	0
Marshall	7	0	0	0	1	0
Martin	5	0	0	0	0	0
Meeker	8	1	0	0	0	0
Mille Lacs	10	0	0	0	0	0
Morrison	16	1	0	0	0	0
Mower	71	11	0	1	2	0
Murray	8	0	0	0	0	0

Morbidity and Utilization Table 3a: Number of Cases of Sexually Transmitted Diseases Reported in Minnesota by State and County, 2001

	Chlamydia, 2001	Gonorrhea, 2001	Primary/Secondary Syphilis, 2001	Syphilis - All Stages, 2001*	HIV**	
					2001	2000
State of Minnesota	8,323	2,701	33	134	283	267
Nicollet	9	1	0	0	0	0
Nobles	24	1	0	2	3	0
Norman	3	0	0	0	0	0
Olmsted	172	20	0	5	2	3
Otter Tail	21	3	0	0	0	0
Pennington	22	0	0	0	0	0
Pine	11	3	0	1	0	1
Pipestone	5	1	0	0	0	0
Polk	32	2	0	0	0	0
Pope	5	0	0	0	0	0
Ramsey	1,723	615	6	17	46	39
Red Lake	2	0	0	0	0	0
Redwood	6	1	0	0	0	0
Renville	7	0	0	0	1	0
Rice	39	6	0	1	1	1
Rock	7	2	0	0	0	1
Roseau	6	1	0	0	0	0
St. Louis	240	58	0	0	1	4
Scott	67	10	0	1	5	2
Sherburne	33	6	0	0	0	0
Sibley	4	0	0	0	0	0
Stearns	244	46	0	5	4	3
Steele	33	4	0	0	0	1
Stevens	2	0	0	0	1	0
Swift	7	1	0	0	0	0
Todd	22	3	0	0	0	0
Traverse	2	0	0	0	0	0
Wabasha	13	1	0	0	0	0
Wadena	5	0	0	1	0	1
Waseca	6	0	0	0	1	0
Washington	181	43	1	3	3	6
Watonwan	4	1	0	0	0	0
Wilkin	3	0	0	0	0	0
Winona	48	6	0	0	0	0
Wright	48	9	0	0	1	1
Yellow Medicine	5	0	0	0	0	0

Source: Minnesota Department of Health, Acute Disease Epidemiology

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

** Cases of newly diagnosed HIV infection = Minnesota residents diagnosed with HIV infection (HIV or AIDS at first report) in the time period 1/1/01 - 12/31/01. In previous years the number of new HIV (non-AIDS) cases and new AIDS cases were reported separately. At that time the category "new AIDS cases" included both cases that were AIDS at first diagnosis as well as existing HIV cases that had progressed to AIDS. By reporting all newly diagnosed cases of HIV infection (HIV or AIDS at first report), changes in the occurrence of HIV can be observed more accurately from year to year. Year 2000 data are included this year in order to provide a comparison to 2001 data.

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 612/676-5414

Morbidity and Utilization Table 3b: Number of Cases of Other Selected Diseases Reported in Minnesota by State and County, 2001

	Campylo- bacteriosis	Giardiasis	Lyme Disease	Rabies in Animals	Salmonellosis	Shigellosis	Tuberculosis
State of Minnesota	953	1061*	461	47	693	493	239
Aitkin	1	0	13	0	0	0	0
Anoka	46	46	45	0	26	28	6
Becker	6	5	1	0	4	14	0
Beltrami	3	1	3	0	3	42	1
Benton	8	11	6	0	2	0	0
Big Stone	2	0	0	0	1	0	0
Blue Earth	10	7	1	0	5	2	1
Brown	11	1	2	1	4	5	1
Carlton	6	5	5	0	2	2	0
Carver	16	11	0	1	8	3	2
Cass	2	8	16	0	1	10	0
Chippewa	4	5	0	0	2	0	0
Chisago	4	9	16	0	6	2	0
Clay	5	5	0	1	7	2	0
Clearwater	0	1	1	0	0	0	0
Cook	1	1	2	0	0	0	0
Cottonwood	4	2	0	0	1	2	2
Crow Wing	5	12	61	0	1	0	0
Dakota	62	69	18	0	54	37	4
Dodge	3	8	2	0	1	0	1
Douglas	14	11	0	1	4	2	0
Faribault	1	0	1	1	5	0	0
Fillmore	11	1	2	0	2	0	0
Freeborn	8	3	0	1	4	0	1
Goodhue	10	6	1	0	10	3	1
Grant	3	0	0	0	0	0	0
Hennepin	218	347	70	3	165	152	140
Houston	10	2	13	0	6	0	0
Hubbard	1	2	1	0	0	4	0
Isanti	3	4	5	0	3	1	0
Itasca	5	1	3	0	3	12	1
Jackson	1	3	0	1	2	0	0
Kanabec	1	1	6	0	0	3	0
Kandiyohi	19	19	2	1	7	0	0
Kittson	0	2	1	0	1	0	0
Koochiching	3	0	0	0	1	0	0
Lac Qui Parle	4	0	0	0	0	0	0
Lake	1	0	0	0	0	0	0
Lake of the Woods	1	0	0	0	0	0	0
Le Sueur	7	4	1	0	2	0	0
Lincoln	3	0	0	0	1	2	0
Lyon	5	2	0	0	3	3	3
McLeod	10	1	0	1	7	0	2
Mahnomen	0	1	0	0	0	2	0
Marshall	0	0	0	1	1	0	0
Martin	7	4	0	1	14	0	0
Meeker	5	3	2	2	3	1	0
Mille Lacs	2	1	5	1	2	3	0
Morrison	10	7	9	1	5	1	0
Mower	7	10	0	2	4	1	2
Murray	3	1	0	0	0	0	0

Morbidity and Utilization Table 3b: Number of Cases of Other Selected Diseases Reported in Minnesota by State and County, 2001

	Campylo- bacteriosis	Giardiasis	Lyme Disease	Rabies in Animals	Salmonellosis	Shigellosis	Tuberculosis
State of Minnesota	953	1061*	461	47	693	493	239
Nicollet	5	1	0	0	1	2	2
Nobles	11	2	0	0	4	0	1
Norman	0	0	0	0	0	0	0
Olmsted	37	36	7	0	28	5	10
Otter Tail	8	8	1	0	8	1	1
Pennington	1	1	0	5	2	0	0
Pine	4	3	13	0	0	1	0
Pipestone	5	2	0	0	1	2	0
Polk	1	2	0	2	5	1	1
Pope	4	0	0	2	2	0	0
Ramsey	80	76	40	6	76	41	42
Red Lake	1	0	0	3	0	0	0
Redwood	4	1	0	0	2	8	0
Renville	5	0	0	0	1	3	0
Rice	4	8	3	0	7	0	2
Rock	2	2	0	0	1	0	0
Roseau	1	3	0	1	1	1	1
St. Louis	28	23	7	0	12	5	4
Scott	16	4	7	0	19	4	3
Sherburne	12	11	14	0	7	18	0
Sibley	0	1	0	0	3	0	0
Stearns	46	46	7	2	23	6	0
Steele	2	1	1	1	2	0	0
Stevens	3	1	0	0	4	0	1
Swift	5	2	0	0	2	3	0
Todd	9	4	2	1	5	0	0
Traverse	2	0	0	0	1	1	0
Wabasha	8	1	1	2	5	1	0
Wadena	3	0	1	0	5	0	1
Waseca	3	1	2	1	3	0	0
Washington	29	22	29	0	62	7	2
Watonwan	0	0	0	0	0	0	0
Wilkin	1	0	0	1	0	0	0
Winona	18	19	6	0	3	1	0
Wright	14	17	6	0	12	7	0
Yellow Medicine	9	1	0	0	3	36	0

Source: Minnesota Department of Health, Acute Disease Epidemiology

*Includes cases with unknown residence.

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 612/676-5414.

**Morbidity and Utilization Table 4a: Number of Selected Health Care Providers
in Minnesota by State and County, 2001***

	Dentists	Dental Assistants	Dental Hygienists	Primary Care Physicians	Physicians	Physicians per 10,000 population
State of Minnesota	2,307	3,771	2,590	4,484	9,110	18.5
Aitkin	2	5	3	9	9	5.9
Anoka	110	246	145	170	359	12.0
Becker	8	8	11	20	29	9.7
Beltrami	13	34	14	39	57	14.4
Benton	8	22	11	3	3	0.9
Big Stone	2	4	2	5	5	8.6
Blue Earth	30	54	43	36	102	18.2
Brown	14	11	14	25	32	11.9
Carlton	14	21	12	26	29	9.2
Carver	18	25	33	52	85	12.1
Cass	8	4	2	15	15	5.5
Chippewa	4	11	3	7	10	7.6
Chisago	14	22	15	27	43	10.5
Clay	19	29	31	13	16	3.1
Clearwater	3	1	2	4	5	5.9
Cook	2	1	0	6	6	11.6
Cottonwood	6	10	1	6	6	4.9
Crow Wing	32	72	32	43	83	15.1
Dakota	160	300	221	197	260	7.3
Dodge	4	4	5	6	6	3.4
Douglas	16	24	21	29	47	14.3
Faribault	6	5	1	6	7	4.3
Fillmore	4	6	5	8	9	4.3
Freeborn	10	11	8	17	36	11.0
Goodhue	20	19	26	28	47	10.7
Grant	1	2	1	3	3	4.8
Hennepin	713	984	766	1,417	3,139	28.1
Houston	5	5	5	7	7	3.6
Hubbard	4	6	3	11	14	7.6
Isanti	8	15	10	23	35	11.2
Itasca	21	46	19	30	45	10.2
Jackson	2	5	1	4	5	4.4
Kanabec	6	9	4	11	13	8.7
Kandiyohi	20	42	16	48	90	21.8
Kittson	2	1	1	4	4	7.6
Koochiching	6	9	4	7	12	8.4
Lac Qui Parle	2	3	1	5	5	6.2
Lake	2	3	3	8	10	9.0
Lake of the Woods	1	0	1	4	4	8.8
Le Sueur	7	13	4	7	7	2.8
Lincoln	2	1	1	7	7	10.9
Lyon	7	27	9	17	22	8.7
McLeod	18	30	25	31	44	12.6
Mahnomen	1	0	0	2	2	3.9
Marshall	2	1	2	2	2	2.0
Martin	12	17	14	21	31	14.2
Meeker	4	5	8	11	13	5.7
Mille Lacs	6	10	9	23	25	11.2
Morrison	11	15	10	23	30	9.5
Mower	17	16	18	36	49	12.7

Morbidity and Utilization Table 4a: Number of Selected Health Care Providers in Minnesota by State and County, 2001*

	Dentists	Dental Assistants	Dental Hygienists	Primary Care Physicians	Physicians	Physicians per 10,000 population
State of Minnesota	2,307	3,771	2,590	4,484	9,110	18.5
Murray	2	4	2	4	4	4.4
Nicollet	17	17	16	17	32	10.7
Nobles	5	20	5	18	22	10.6
Norman	3	2	3	3	3	4.0
Olmsted	76	137	88	450	1,541	124.0
Otter Tail	25	26	25	24	52	9.1
Pennington	4	9	6	18	26	19.1
Pine	5	8	6	10	12	4.5
Pipestone	3	11	1	5	6	6.1
Polk	12	18	15	11	14	4.5
Pope	5	3	2	7	7	6.2
Ramsey	271	487	298	580	1,164	22.8
Red Lake	0	2	0	1	1	2.3
Redwood	5	12	5	7	8	4.8
Renville	7	8	2	6	6	3.5
Rice	23	28	32	40	56	9.9
Rock	3	4	2	6	7	7.2
Roseau	5	7	4	8	8	4.9
St. Louis	100	146	98	204	434	21.6
Scott	31	43	44	42	55	6.1
Sherburne	13	32	22	15	19	2.9
Sibley	6	4	4	4	4	2.6
Stearns	71	148	74	131	286	21.5
Steele	18	28	23	27	38	11.3
Stevens	4	2	4	8	9	9.0
Swift	4	6	4	7	7	5.9
Todd	7	14	5	14	15	6.1
Traverse	1	1	3	3	4	9.7
Wabasha	10	13	11	15	18	8.3
Wadena	4	12	4	10	12	8.8
Waseca	7	9	12	15	16	8.2
Washington	92	192	111	131	176	8.8
Watonwan	1	7	1	7	9	7.6
Wilkin	2	3	5	0	5	7.0
Winona	20	29	20	29	49	9.8
Wright	32	51	34	41	53	5.9
Yellow Medicine	6	14	3	7	8	7.2

Sources: Minnesota Department of Health, Office of Rural Health and Primary Care and US Census

Number of Providers:

The number refers to health professionals who are actively working in the county. 1999 data in the 2001 County Health Profiles included physicians who may **not** have been actively working in the county. Primary care physician refers to a physician with a primary specialty of general practice, family practice, internal medicine, pediatrics, obstetrics, gynecology, or obstetrics/gynecology.

The Office of Rural Health and Primary Care maintains a database of about 110,000 Minnesota medical professionals. Although these health practitioners do not have to complete the surveys to renew licensure or registration, response rates vary between 60% and 90% depending on the position surveyed.

**Morbidity and Utilization Table 4b: Number of Selected Health Care Providers
in Minnesota by State and County, 2001***

	Physician Assistants	Physical Therapists	Respiratory Care Practitioners	Chiropractors
State of Minnesota	535	2,303	889	1,159
Aitkin	2	4	2	3
Anoka	30	107	53	51
Becker	2	7	7	4
Beltrami	5	18	10	8
Benton	0	4	2	2
Big Stone	1	3	2	0
Blue Earth	11	18	14	13
Brown	3	12	4	5
Carlton	2	17	4	6
Carver	4	36	8	8
Cass	3	5	0	3
Chippewa	0	2	0	3
Chisago	5	17	7	11
Clay	5	6	0	14
Clearwater	1	2	1	1
Cook	0	3	0	1
Cottonwood	2	2	0	2
Crow Wing	5	30	12	15
Dakota	22	95	18	87
Dodge	0	1	0	3
Douglas	2	13	7	9
Faribault	2	3	0	5
Fillmore	1	3	0	5
Freeborn	4	13	5	5
Goodhue	6	16	4	13
Grant	1	0	0	3
Hennepin	136	715	220	320
Houston	2	3	0	3
Hubbard	2	6	4	5
Isanti	4	14	6	7
Itasca	2	18	5	13
Jackson	2	1	0	4
Kanabec	1	7	2	2
Kandiyohi	4	18	12	14
Kittson	2	0	0	0
Koochiching	2	4	0	4
Lac Qui Parle	1	1	0	2
Lake	0	4	0	1
Lake of the Woods	0	0	0	1
Le Sueur	0	1	0	4
Lincoln	1	2	0	1
Lyon	6	6	3	7
McLeod	2	13	2	8
Mahnomen	2	0	0	1
Marshall	1	2	0	0
Martin	8	10	5	6
Meeker	2	3	0	6
Mille Lacs	6	16	0	5
Morrison	3	10	3	5
Mower	5	11	8	5

**Morbidity and Utilization Table 4b: Number of Selected Health Care Providers
in Minnesota by State and County, 2001***

	Physician Assistants	Physical Therapists	Respiratory Care Practitioners	Chiropractors
State of Minnesota	535	2,303	889	1,159
Murray	1	1	1	1
Nicollet	1	11	0	6
Nobles	2	7	1	4
Norman	0	2	0	2
Olmsted	48	145	89	16
Otter Tail	3	15	8	16
Pennington	4	7	3	2
Pine	1	4	0	3
Pipestone	2	2	1	0
Polk	6	10	3	7
Pope	1	3	0	4
Ramsey	44	317	194	124
Red Lake	0	1	0	0
Redwood	0	4	1	6
Renville	0	2	0	3
Rice	2	23	2	9
Rock	0	4	2	2
Roseau	2	5	1	4
St. Louis	22	172	70	44
Scott	1	24	6	22
Sherburne	7	7	1	11
Sibley	0	0	0	3
Stearns	29	80	37	34
Steele	1	12	4	5
Stevens	1	2	2	2
Swift	0	1	0	1
Todd	6	6	0	3
Traverse	1	1	0	2
Wabasha	1	5	1	9
Wadena	1	7	4	4
Waseca	0	2	0	4
Washington	17	66	14	62
Watonwan	2	4	0	5
Wilkin	0	3	1	0
Winona	4	17	1	8
Wright	10	23	10	23
Yellow Medicine	2	6	2	4

Sources: Minnesota Department of Health, Office of Rural Health and Primary Care and US Census

Number of Providers:

The number refers to health professionals who are actively working in the county. 1999 data in the 2001 County Health Profiles included physicians who may not have been actively working in the county. Primary care physician refers to a physician with a primary specialty of general practice, family practice, internal medicine, pediatrics, obstetrics, gynecology, or obstetrics/gynecology.

The Office of Rural Health and Primary Care maintains a database of about 110,000 Minnesota medical professionals. Although these health practitioners do not have to complete the surveys to renew licensure or registration, response rates vary between 60% and 90% depending on the position surveyed.

Morbidity and Utilization Table 5a: Minnesota Nonfatal Traumatic Brain Injuries Number and Rate per 100,000 population by State and County, 1997-2001

	1997		1998		1999		2000		2001	
	Number	Rate								
State of Minnesota	3,227	68.6	3,139	65.7	3,337	69.5	3,266	66.2	3,303	66.2
Aitkin	9	65.6	10	58.8	10	51.7	7	45.5	9	48.9
Anoka	152	62.9	120	43.7	128	45.1	171	65.9	179	67.1
Becker	16	53.9	5	18.4	1	3.7	2	8.1	16	55.7
Beltrami	23	60.8	22	58.3	43	115.1	23	59.1	33	84.2
Benton	38	107.6	32	94.1	15	42.2	39	109.4	34	98.2
Big Stone	3	40.1	2	20.8	3	28.4	1	17.3	2	28.0
Blue Earth	29	49.4	81	136.2	114	199.2	107	178.7	106	177.2
Brown	16	55.0	14	46.8	20	75.2	15	51.7	14	47.4
Carlton	23	77.7	14	45.1	24	74.8	19	56.2	28	82.4
Carver	28	45.1	24	40.4	32	49.0	41	62.2	28	45.6
Cass	18	72.8	34	126.7	18	72.3	18	65.5	14	54.7
Chippewa	4	31.6	4	31.4	11	88.0	5	29.3	8	47.3
Chisago	10	25.2	30	77.6	24	55.1	33	83.1	19	45.0
Clay	2	4.3	3	6.0	8	16.5	2	4.6	8	16.5
Clearwater	7	73.8	7	78.6	7	84.6	4	56.6	4	50.4
Cook	5	102.7	2	37.5	4	95.5	2	33.0	2	44.4
Cottonwood	9	76.8	6	48.5	0	0.0	4	18.7	8	59.1
Crow Wing	45	88.5	45	82.5	40	71.1	47	82.5	46	81.7
Dakota	166	55.9	171	54.0	173	53.0	159	47.4	146	44.1
Dodge	27	163.8	23	136.6	27	155.3	34	195.9	23	127.8
Douglas	19	58.3	33	96.5	11	34.6	26	77.5	17	49.4
Faribault	9	52.0	13	94.7	10	68.4	16	89.9	30	183.7
Fillmore	19	92.2	22	106.6	35	177.9	33	149.8	28	131.9
Freeborn	19	60.6	18	57.9	23	77.3	23	64.9	20	54.9
Goodhue	48	106.9	38	90.6	48	111.1	40	86.5	51	117.3
Grant	1	15.9	0	0.0	5	79.6	4	51.5	1	6.1
Hennepin	845	81.0	783	74.1	867	82.0	891	81.3	771	70.0
Houston	1	5.8	0	0.0	11	54.9	8	38.9	10	48.6
Hubbard	3	17.9	4	20.6	12	72.6	12	81.6	7	35.7
Isanti	34	115.4	25	84.0	26	88.4	28	87.3	20	62.3
Itasca	28	64.4	24	56.4	32	78.4	16	34.1	34	76.7
Jackson	4	28.0	5	43.4	3	23.5	1	5.0	2	15.3
Kanabec	12	86.0	8	59.7	13	88.4	17	115.7	15	104.1
Kandiyohi	29	69.5	19	45.1	34	78.1	16	37.3	19	43.3
Kittson	1	25.2	1	20.1	0	0.0	0	0.0	0	0.0
Koochiching	8	48.9	8	55.5	11	71.4	2	11.0	7	52.5
Lac Qui Parle	2	15.0	10	144.1	4	36.7	3	34.3	0	0.0
Lake	8	68.9	1	10.5	15	166.5	7	69.3	10	88.2
Lake of the Woods	7	167.5	6	144.5	3	75.8	6	126.8	1	22.2
Le Sueur	14	61.4	17	71.9	22	85.9	36	144.8	18	71.5
Lincoln	1	14.2	2	29.9	1	12.1	1	7.1	1	19.8
Lyon	10	41.2	6	22.5	14	56.5	13	52.6	9	35.1
McLeod	24	71.2	25	72.6	25	73.1	17	50.5	21	60.7
Mahnomen	1	20.6	3	42.3	3	65.7	9	203.3	18	383.8
Marshall	1	11.7	0	0.0	3	28.5	3	25.6	1	7.3
Martin	23	96.3	19	83.4	17	77.7	11	47.3	10	48.7
Meeker	11	49.9	14	62.2	15	75.8	13	57.5	14	52.1
Mille Lacs	22	106.5	28	137.2	22	104.8	32	147.0	31	139.9
Morrison	14	41.9	18	64.0	23	75.9	31	96.0	24	75.3
Mower	25	72.7	31	79.6	23	65.7	35	87.6	38	97.4

Morbidity and Utilization Table 5a: Minnesota Nonfatal Traumatic Brain Injuries Number and Rate per 100,000 population by State and County, 1997-2001

	1997		1998		1999		2000		2001	
	Number	Rate								
State of Minnesota	3,227	68.6	3,139	65.7	3,337	69.5	3,266	66.2	3,303	66.2
Murray	1	13.3	15	176.6	2	24.6	0	0.0	2	24.2
Nicollet	15	48.2	8	26.8	17	56.6	11	33.4	41	130.4
Nobles	18	88.2	2	12.6	7	34.5	4	21.0	7	34.3
Norman	2	14.0	3	38.0	3	47.6	0	0.0	2	27.3
Olmsted	125	112.2	134	115.1	112	94.4	131	108.3	140	113.7
Otter Tail	17	34.5	5	10.2	16	28.3	8	15.9	12	18.2
Pennington	5	33.5	0	0.0	3	18.7	4	26.2	6	41.1
Pine	19	86.4	15	62.3	22	89.8	22	86.0	23	84.9
Pipestone	2	20.9	3	27.4	4	45.1	4	39.1	2	11.4
Polk	8	26.9	7	20.2	3	9.3	7	23.3	2	4.8
Pope	5	56.0	0	0.0	12	101.2	4	37.5	6	56.3
Ramsey	398	80.8	362	72.8	357	71.5	326	63.0	310	60.0
Red Lake	3	73.8	4	111.8	0	0.0	1	12.6	0	0.0
Redwood	5	29.1	11	58.2	10	62.6	5	28.7	7	43.2
Renville	1	7.4	15	86.4	20	120.1	15	78.8	10	57.4
Rice	31	54.5	25	44.4	49	84.0	39	66.5	40	68.6
Rock	1	11.2	3	36.8	1	6.4	1	11.4	0	0.0
Roseau	15	85.9	9	57.8	7	42.6	3	18.5	5	33.4
St. Louis	153	75.6	130	65.4	142	73.4	111	51.9	185	89.6
Scott	54	75.0	49	67.7	41	51.5	48	51.8	44	53.4
Sherburne	33	63.9	29	47.4	42	70.3	32	46.1	47	70.1
Sibley	10	65.7	4	28.8	11	75.9	10	63.1	20	122.4
Stearns	117	89.1	120	92.7	99	74.9	75	56.3	106	78.8
Steele	21	67.9	24	75.6	17	55.2	22	64.1	24	68.5
Stevens	11	96.2	8	68.0	6	37.8	6	38.6	3	22.8
Swift	8	74.5	4	31.3	9	72.2	5	38.8	8	68.3
Todd	12	52.3	14	62.6	18	77.6	18	73.8	16	65.8
Traverse	2	64.8	1	38.4	1	23.2	1	13.3	5	95.4
Wabasha	22	102.0	35	166.1	29	139.4	34	166.3	25	118.6
Wadena	11	73.4	11	76.1	7	43.2	8	62.3	12	90.3
Waseca	18	96.4	31	174.6	25	137.7	22	110.9	29	145.9
Washington	101	61.6	94	51.6	108	60.7	86	48.9	91	48.9
Watonwan	11	105.2	12	99.7	10	95.5	6	52.2	5	45.0
Wilkin	0	0.0	1	8.7	1	15.0	2	28.9	3	49.4
Winona	21	41.8	34	66.9	30	56.2	31	61.2	39	80.1
Wright	57	70.5	57	67.3	59	72.2	75	88.5	62	72.3
Yellow Medicine	4	38.0	7	61.5	2	23.4	4	33.8	7	63.1

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.

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Morbidity and Utilization Table 5b: Minnesota Spinal Cord Injury Number and Annualize Rate per 100,000 population by State and County, 1997-2001

	1997	1998	1999	2000	2001	Annualized Rate 1997-2001
	Number	Number	Number	Number	Number	
State of Minnesota	199	180	237	197	179	4.1
Aitkin	1	0	0	0	1	4.0
Anoka	10	4	11	10	8	3.2
Becker	1	1	0	0	1	2.2
Beltrami	1	2	3	3	4	7.0
Benton	3	0	2	2	6	8.0
Big Stone	0	0	1	0	0	5.0
Blue Earth	1	3	2	3	2	3.4
Brown	2	0	1	2	1	4.1
Carlton	3	1	2	1	0	4.6
Carver	1	0	4	3	3	3.4
Cass	4	0	2	1	1	6.5
Chippewa	1	0	0	0	0	1.1
Chisago	2	3	4	1	1	5.6
Clay	0	0	0	0	0	0.0
Clearwater	1	2	0	0	0	8.1
Cook	0	1	0	0	0	3.9
Cottonwood	0	0	0	0	0	0.0
Crow Wing	4	5	7	5	3	9.9
Dakota	7	13	13	9	7	3.0
Dodge	1	0	1	4	2	9.6
Douglas	3	0	1	4	1	5.9
Faribault	1	1	0	1	2	7.3
Fillmore	2	1	0	3	1	6.6
Freeborn	1	0	2	0	2	3.1
Goodhue	2	4	2	0	5	6.0
Grant	0	0	0	0	0	0.0
Hennepin	58	52	57	48	41	4.7
Houston	0	0	2	3	0	5.2
Hubbard	0	1	0	2	0	3.2
Isanti	0	1	2	3	4	6.2
Itasca	4	1	11	1	4	9.3
Jackson	0	0	0	0	0	0.0
Kanabec	0	0	1	0	0	1.5
Kandiyohi	3	3	1	2	2	5.4
Kittson	1	0	0	0	0	5.4
Koochiching	0	0	0	0	0	0.0
Lac Qui Parle	1	1	0	0	0	5.4
Lake	0	1	0	0	0	2.7
Lake of the Woods	0	0	0	0	0	0.0
Le Sueur	0	4	2	2	2	8.5
Lincoln	1	0	0	0	0	4.2
Lyon	0	1	0	1	2	2.6
McLeod	3	3	1	5	0	7.3
Mahnomen	0	0	0	0	1	4.1
Marshall	0	0	0	0	0	0.0
Martin	0	1	1	1	0	2.8
Meeker	1	2	2	3	1	9.2
Mille Lacs	1	2	2	4	2	10.9
Morrison	3	3	3	2	2	8.4
Mower	4	3	0	4	1	6.0

Morbidity and Utilization Table 5b: Minnesota Spinal Cord Injury Number and Annualize Rate per 100,000 population by State and County, 1997-2001

	1997	1998	1999	2000	2001	Annualized Rate 1997-2001
	Number	Number	Number	Number	Number	
State of Minnesota	199	180	237	197	179	4.1
Murray	0	1	0	0	1	4.1
Nicollet	2	0	1	1	1	3.5
Nobles	1	0	0	0	1	2.2
Norman	1	0	0	0	0	3.6
Olmsted	2	1	5	5	8	3.5
Otter Tail	2	1	3	0	4	3.6
Pennington	0	0	0	0	0	0.0
Pine	1	0	2	1	3	5.6
Pipestone	2	0	1	0	0	7.0
Polk	0	0	1	0	0	0.7
Pope	2	1	3	3	0	17.9
Ramsey	14	19	15	18	12	3.2
Red Lake	0	0	0	0	0	0.0
Redwood	0	0	2	1	0	3.3
Renville	1	1	0	0	0	2.2
Rice	1	1	6	0	3	4.1
Rock	0	0	0	0	0	0.0
Roseau	0	0	0	1	1	2.4
St. Louis	11	10	12	7	10	5.0
Scott	3	3	7	6	0	4.8
Sherburne	3	4	3	1	3	5.1
Sibley	5	0	1	0	1	9.3
Stearns	7	4	6	5	6	4.5
Steele	0	0	0	1	1	1.1
Stevens	0	0	0	0	0	0.0
Swift	1	0	0	0	1	3.8
Todd	0	0	3	1	1	4.5
Traverse	0	0	0	0	0	0.0
Wabasha	1	2	2	0	0	4.9
Wadena	0	1	1	1	0	5.2
Waseca	0	0	1	0	1	2.1
Washington	2	5	8	3	4	2.4
Watonwan	1	0	0	0	0	1.9
Wilkin	0	0	0	1	0	3.1
Winona	0	1	0	3	0	1.7
Wright	1	3	11	5	4	5.5
Yellow Medicine	1	0	0	0	0	1.5

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.

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Morbidity and Utilization Tables 5a and b: TBI and SCI Case Report Definitions

Traumatic Brain Injury (TBI)

Cases of traumatic brain injury must be reported to the Minnesota Department of Health if the patient receives one of the following ICD-9 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
905.0* - late effect of fracture of skull and face bones
907.0* - late effect of intracranial injury without mention of skull fracture
950.0-950.9 - injury to optic nerve and pathways

Out-of-state hospitals are requested to report cases who are Minnesota residents or who were injured in Minnesota.

Do not report patients: seen only in the emergency room and then discharged; or admitted only as outpatients for observation, and then discharged; or admitted directly to long-term care or rehabilitation facilities.

Cases should be submitted on the standard case report form, or may be submitted via electronic media.

Spinal Cord Injuries (SCI)

Cases of spinal cord injury must be reported to the Minnesota Department of Health if the patient receives one of the following ICD-9 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
907.2* - late effect of spinal cord injury
952.00-952.9 - spinal cord injury without evidence of spinal bone injury

AND

*the injury occurred on or after January 1, 1993

AND

the patient: was admitted as an inpatient to an acute care hospital, or died (or declared DOA) in the emergency department prior to admission, or was transferred from the emergency department to an out-of-state hospital.

Out-of-state hospitals are requested to report cases who are Minnesota residents or who were injured in Minnesota.

Do not report patients: seen only in the emergency room and then discharged; or admitted only as outpatients for observation, and then discharged; or admitted directly to long-term care or rehabilitation facilities.

Cases should be submitted on the standard case report form, or may be submitted via electronic media.

Morbidity and Utilization Table 6a: Minnesota Long Term Care Facilities Utilization by State and County, 2001

	Nursing Homes				Boarding Care Homes				Supervised Living Facilities - Licensed Beds
	Licensed Beds	Beds Set Up and Staffed	Admissions	Percent Occupancy*	Licensed Beds	Beds Set Up and Staffed	Admissions	Percent Occupancy*	
State of Minnesota	41,316	39,081	48,754	90.9	2,644	2,599	1,283	86.1	6,127
Aitkin	154	154	130	94.9	6	0	0	0.0	0
Anoka	518	518	531	81.3	0	0	0	0.0	182
Becker	407	407	351	92.1	0	0	0	0.0	25
Beltrami	268	268	273	94.5	0	0	0	0.0	61
Benton	440	433	561	93.1	0	0	0	0.0	61
Big Stone	164	164	86	92.9	0	0	0	0.0	12
Blue Earth	467	457	384	88.4	0	0	0	0.0	96
Brown	368	364	207	96.2	0	0	0	0.0	40
Carlton	278	278	273	98.8	51	51	37	88.2	198
Carver	249	249	160	97.0	4	4	0	25.0	91
Cass	494	235	259	38.2	0	0	0	0.0	0
Chippewa	215	205	138	96.5	0	0	0	0.0	15
Chisago	273	273	358	94.2	10	10	3	90.5	212
Clay	418	414	310	95.2	0	0	0	0.0	44
Clearwater	163	143	96	85.7	0	0	0	0.0	15
Cook	47	47	41	99.2	0	0	0	0.0	0
Cottonwood	215	215	158	94.6	44	44	26	85.6	33
Crow Wing	423	423	499	93.3	0	0	0	0.0	93
Dakota	1,093	1,093	1,737	95.2	200	200	101	82.8	235
Dodge	146	146	116	96.8	0	0	0	0.0	6
Douglas	449	449	380	92.5	0	0	0	0.0	30
Faribault	271	271	173	95.9	0	0	0	0.0	24
Fillmore	439	353	318	95.9	0	0	0	0.0	16
Freeborn	463	463	445	95.5	23	23	17	83.3	120
Goodhue	701	701	588	90.3	0	0	0	0.0	87
Grant	168	114	91	77.4	0	0	0	0.0	8
Hennepin	8,893	8,426	12,841	91.9	1,126	1,121	506	93.7	1,170
Houston	242	242	244	92.2	0	0	0	0.0	22
Hubbard	130	130	241	96.7	0	0	0	0.0	36
Isanti	312	178	379	97.0	0	0	0	0.0	128
Itasca	367	367	400	96.0	0	0	0	0.0	39
Jackson	211	200	132	93.8	0	0	0	0.0	0
Kanabec	80	80	79	97.6	0	0	0	0.0	0
Kandiyohi	451	450	642	95.2	31	31	17	94.2	97
Kittson	148	148	96	85.7	0	0	0	0.0	10
Koochiching	208	198	153	81.4	0	0	0	0.0	10
Lac Qui Parle	210	176	134	84.3	24	16	11	56.9	6
Lake	194	194	109	95.3	0	0	0	0.0	5
Lake of the Woods	52	52	52	93.0	0	0	0	0.0	0
Le Sueur	215	215	136	92.4	0	0	0	0.0	20
Lincoln	160	160	87	92.1	0	0	0	0.0	15
Lyon	337	327	167	90.5	8	0	0	0.0	59
McLeod	318	318	382	92.3	0	0	0	0.0	6
Mahnomen	48	48	59	88.5	0	0	0	0.0	0
Marshall	90	90	51	90.6	0	0	0	0.0	0
Martin	323	323	195	93.5	0	0	0	0.0	38
Meeker	289	289	278	90.8	40	40	18	89.7	30
Mille Lacs	339	334	328	93.8	0	0	0	0.0	8

Morbidity and Utilization Table 6a: Minnesota Long Term Care Facilities Utilization by State and County, 2001

	Nursing Homes				Boarding Care Homes				Supervised Living Facilities - Licensed Beds
	Licensed Beds	Beds Set Up and Staffed	Admissions	Percent Occupancy*	Licensed Beds	Beds Set Up and Staffed	Admissions	Percent Occupancy*	
State of Minnesota	41,316	39,081	48,754	90.9	2,644	2,599	1,283	86.1	6,127
Morrison	307	307	330	94.4	0	0	0	0.0	28
Mower	353	349	291	78.9	0	0	0	0.0	83
Murray	122	122	94	97.0	0	0	0	0.0	18
Nicollet	145	145	113	96.4	0	0	0	0.0	290
Nobles	241	236	134	82.8	0	0	0	0.0	35
Norman	202	202	122	93.4	34	34	0	40.6	12
Olmsted	651	638	964	88.4	0	0	0	0.0	226
Otter Tail	948	927	644	90.7	0	0	0	0.0	233
Pennington	157	157	133	91.8	136	136	36	51.2	51
Pine	181	171	148	83.6	0	0	0	0.0	24
Pipestone	209	209	141	95.7	0	0	0	0.0	28
Polk	496	487	339	92.9	73	73	29	59.7	49
Pope	216	216	173	96.3	0	0	0	0.0	6
Ramsey	5,138	4,446	9,371	87.7	459	450	324	91.7	630
Red Lake	58	58	49	92.0	0	0	0	0.0	6
Redwood	367	367	371	85.9	26	26		77.3	18
Renville	306	306	283	91.1	24	24	13	97.3	19
Rice	484	474	510	90.9	26	26	19	96.1	70
Rock	203	203	144	97.0	4	4		100.0	13
Roseau	153	153	102	94.0	46	37	8	69.2	22
Saint Louis	2,172	2,011	2,484	93.8	65	65	33	91.9	270
Scott	427	391	770	90.7	0	0	0	0.0	76
Sherburne	449	449	696	94.6	10	10	10	72.5	30
Sibley	165	165	178	93.0	0	0		0.0	15
Stearns	506	406	513	80.2	40	40	16	87.1	103
Steele	281	271	362	89.8	0	0	0	0.0	57
Stevens	109	109	78	87.6	0	0	0	0.0	45
Swift	135	135	116	91.3	26	26	18	92.5	0
Todd	183	183	138	97.6	0	0	0	0.0	0
Traverse	115	85	39	71.4	0	0	0	0.0	0
Wabasha	187	187	191	96.8	38	38	12	88.9	0
Wadena	304	304	255	95.9	0	0	0	0.0	58
Waseca	199	199	143	94.2	0	0	0	0.0	26
Washington	655	655	894	95.1	70	70	29	77.6	69
Watsonwan	168	168	93	98.6	0	0	0	0.0	13
Wilkin	124	124	72	96.6	0	0	0	0.0	0
Winona	547	547	719	94.3	0	0	0	0.0	17
Wright	525	525	593	85.8	0	0	0	0.0	58
Yellow Medicine	219	212	116	92.4	0	0	0	0.0	26

Source: Minnesota Department of Health, Facilities and Provider Compliance

*The "Percent Occupancy" is calculated using the average number of licensed beds for the reporting period. This allows for the inclusion of layaway beds for the days during the period they were available for occupancy.

Morbidity and Utilization Table 6b: Number of Discharged Minnesota Nursing Home Residents by State and County, 2001

	Nursing Homes Discharges to:							Total Discharges
	Homes	Hospitals	Nursing Homes	Boarding Care Homes	Supervised Living Facilities	Deaths	Other	
State of Minnesota	22,288	5,027	3,735	893	1,470	15,078	674	49,165
Aitkin	56	14	10	0	1	59	0	140
Anoka	220	63	46	1	21	170	5	526
Becker	155	22	14	2	18	154	1	366
Beltrami	103	32	25	21	4	92	2	279
Benton	238	20	56	0	30	227	6	577
Big Stone	25	11	5	0	0	49	0	90
Blue Earth	138	36	26	1	23	149	25	398
Brown	39	8	6	56	1	105	1	216
Carlton	97	41	6	2	4	114	11	275
Carver	93	18	15	0	1	99	4	230
Cass	82	14	38	6	11	77	18	246
Chippewa	54	5	7	0	2	79	0	147
Chisago	115	14	26	0	6	109	0	270
Clay	81	34	36	0	13	144	2	310
Clearwater	36	9	10	0	0	38	0	93
Cook	22	10		0	0	12	0	44
Cottonwood	47	10	15	3	2	80	0	157
Crow Wing	206	38	25	24	0	181	13	487
Dakota	842	149	100	22	119	479	26	1,737
Dodge	49	11	6	1	1	47	0	115
Douglas	183	25	18	3	13	158	2	402
Faribault	53	6	12	0	4	95	4	174
Fillmore	116	16	36	1	9	151	0	329
Freeborn	164	24	23	4	16	213	0	444
Goodhue	232	41	50	0	19	258	0	600
Grant	20	12	7	1	4	39	0	83
Hennepin	6,455	1,621	1,019	380	406	3,134	271	13,286
Houston	90	31	10	0	10	107	2	250
Hubbard	50	6	8	0	0	53	0	117
Isanti	205	48	14	1	8	99	0	375
Itasca	200	12	18	21	8	141	6	406
Jackson	41	7	15	1	1	71	1	137
Kanabec	25	19	7	0	0	28	1	80
Kandiyohi	342	46	35	6	8	156	3	596
Kittson	53	5	10	0	0	53	0	121
Koochiching	63	15	9	8	1	66	0	162
Lac Qui Parle	47	9	12	9	1	55	3	136
Lake	18	4	11	1	2	78	2	116
Lake of the Woods	26	2	3	0	0	22	0	53
Le Sueur	44	16	15	1	5	55	1	137
Lincoln	14	3	9	0	5	49	2	82
Lyon	43	5	15	2	1	93	3	162
McLeod	201	35	21	3	2	125	1	388
Mahnomen	11	31		0	0	21	0	63
Marshall	19	0	3	0	0	28	2	52
Martin	45	8	18	0	5	121	3	200
Meeker	117	15	22	6	4	111	4	279
Mille Lacs	133	38	23	0	6	147	0	347

Morbidity and Utilization Table 6b: Number of Discharged Minnesota Nursing Home Residents by State and County, 2001

	Nursing Homes Discharges to:							Total Discharges
	Homes	Hospitals	Nursing Homes	Boarding Care Homes	Supervised Living Facilities	Deaths	Other	
State of Minnesota	22,288	5,027	3,735	893	1,470	15,078	674	49,165
Morrison	169	23	11	1	6	121	1	332
Mower	109	14	11	1	10	139	8	292
Murray	33	2	6	0	0	56	1	98
Nicollet	30	9	9	0	7	59	6	120
Nobles	36	15	16	0	1	65	1	134
Norman	39	6	11	0	0	51	0	107
Olmsted	509	78	66	27	39	212	24	955
Otter Tail	221	41	53	1	25	307	10	658
Pennington	60	10	8	5	2	56	0	141
Pine	52	9	15	0	1	66	0	143
Pipestone	55	22	6	0	0	50	2	135
Polk	96	24	39	10	6	168	0	343
Pope	69	6	10	0	10	78	0	173
Ramsey	4,960	1,161	788	138	255	1,953	62	9,317
Red Lake	13	3	10	3	0	23	0	52
Redwood	152	31	33	1	6	130	10	363
Renville	87	19	33	4	6	117	8	274
Rice	210	40	21	19	7	204	0	501
Rock	28	14	8	0	12	77	2	141
Roseau	49	4	9	3	0	55	0	120
Saint Louis	1,122	264	211	19	104	898	49	2,667
Scott	396	45	50	0	13	176	17	697
Sherburne	361	91	41	0	34	120	5	652
Sibley	44	12	8	3	9	67	1	144
Stearns	211	33	20	17	13	223	3	520
Steele	119	29	25	7	9	91	6	286
Stevens	32	7	3	0	0	38	0	80
Swift	34	16	7	12	0	49	2	120
Todd	62	4	9	0	6	52	4	137
Traverse	12	1	2	0	0	25	0	40
Wabasha	52	15	10	1	0	71	0	149
Wadena	102	9	20	1	4	125	0	261
Waseca	56	11	5	5	4	68	2	151
Washington	431	93	67	27	31	321	3	973
Watsonwan	33	10	7	0	0	43	0	93
Wilkin	16	1	4	0	0	52	0	73
Winona	257	130	111	0	12	204	11	725
Wright	223	50	45	1	42	224	11	596
Yellow Medicine	40	16	12	0	1	53	0	122

Source: Minnesota Department of Health, Facilities and Provider Compliance

Morbidity and Utilization Table 6c: Number of Discharged Minnesota Boarding Care Home Residents by State and County, 2001

	Boarding Care Homes Discharges to:							Total Discharges
	Homes	Hospitals	Nursing Homes	Boarding Care Homes	Supervised Living Facilities	Deaths	Other	
State of Minnesota	290	212	400	48	37	119	246	1,352
Aitkin	0	0	0	0	0	0	0	0
Anoka	0	0	0	0	0	0	0	0
Becker	0	0	0	0	0	0	0	0
Beltrami	0	0	0	0	0	0	0	0
Benton	0	0	0	0	0	0	0	0
Big Stone	0	0	0	0	0	0	0	0
Blue Earth	0	0	0	0	0	0	0	0
Brown	0	0	0	0	0	0	0	0
Carlton	11	1	13	0	1	7	0	33
Carver	0	0	0	0	0	0	0	0
Cass	0	0	0	0	0	0	0	0
Chippewa	0	0	0	0	0	0	0	0
Chisago	0	0	0	0	0	3	0	3
Clay	0	0	0	0	0	0	0	0
Clearwater	0	0	0	0	0	0	0	0
Cook	0	0	0	0	0	0	0	0
Cottonwood	9	4	10	0	0	3	0	26
Crow Wing	0	0	0	0	0	0	0	0
Dakota	38	2	16	7	0	5	7	75
Dodge	0	0	0	0	0	0	0	0
Douglas	0	0	0	0	0	0	0	0
Faribault	0	0	0	0	0	0	0	0
Fillmore	0	0	0	0	0	0	0	0
Freeborn	6	0	11	0	2	1	0	20
Goodhue	0	0	0	0	0	0	0	0
Grant	0	0	0	0	0	0	0	0
Hennepin	130	104	118	21	7	61	39	480
Houston	0	0	0	0	0	0	0	0
Hubbard	0	0	0	0	0	0	0	0
Isanti	0	0	0	0	0	0	0	0
Itasca	0	0	0	0	0	0	0	0
Jackson	0	0	0	0	0	0	0	0
Kanabec	0	0	0	0	0	0	0	0
Kandiyohi	7	2	0	2	0	0	5	16
Kittson	0	0	0	0	0	0	0	0
Koochiching	0	0	0	0	0	0	0	0
Lac Qui Parle	1	0	18	0	0	0	0	19
Lake	0	0	0	0	0	0	0	0
Lake of the Woods	0	0	0	0	0	0	0	0
Le Sueur	0	0	0	0	0	0	0	0
Lincoln	0	0	0	0	0	0	0	0
Lyon	0	0	0	0	0	0	0	0
McLeod	0	0	0	0	0	0	0	0
Mahnomen	0	0	0	0	0	0	0	0
Marshall	0	0	0	0	0	0	0	0
Martin	0	0	0	0	0	0	0	0
Meeker	6	4	8	0	0	2	0	20
Mille Lacs	0	0	0	0	0	0	0	0

Morbidity and Utilization Table 6c: Number of Discharged Minnesota Boarding Care Home Residents by State and County, 2001

	Boarding Care Homes Discharges to:							Total Discharges
	Homes	Hospitals	Nursing Homes	Boarding Care Homes	Supervised Living Facilities	Deaths	Other	
State of Minnesota	290	212	400	48	37	119	246	1,352
Morrison	0	0	0	0	0	0	0	0
Mower	0	0	0	0	0	0	0	0
Murray	0	0	0	0	0	0	0	0
Nicollet	0	0	0	0	0	0	0	0
Nobles	0	0	0	0	0	0	0	0
Norman	2	5	1	2	0	1	0	11
Olmsted	0	0	0	0	0	0	0	0
Otter Tail	0	0	0	0	0	0	0	0
Pennington	12	6	21	0	0	0	0	39
Pine	0	0	0	0	0	0	0	0
Pipestone	0	0	0	0	0	0	0	0
Polk	7	4	16	0	1	4	2	34
Pope	0	0	0	0	0	0	0	0
Ramsey	38	53	88	16	8	11	173	387
Red Lake	0	0	0	0	0	0	0	0
Redwood	1	1	0	0	5	2	16	25
Renville	2	6	4	0	0	0	0	12
Rice	2	1	16	0	0	0	0	19
Rock	0	0	0	0	0	0	0	0
Roseau	6	0	17	0	3	1	0	27
Saint Louis	0	5	19	0	3	6	0	33
Scott	0	0	0	0	0	0	0	0
Sherburne	1	0	4	0	1	0	0	6
Sibley	0	0	0	0	0	0	0	0
Stearns	3	2	4	0	0	8	0	17
Steele	0	0	0	0	0	0	0	0
Stevens	0	0	0	0	0	0	0	0
Swift	5	3	6	0	1	1	0	16
Todd	0	0	0	0	0	0	0	0
Traverse	0	0	0	0	0	0	0	0
Wabasha	3	4	5	0	1	2	2	17
Wadena	0	0	0	0	0	0	0	0
Waseca	0	0	0	0	0	0	0	0
Washington	0	5	5	0	4	1	2	17
Watonwan	0	0	0	0	0	0	0	0
Wilkin	0	0	0	0	0	0	0	0
Winona	0	0	0	0	0	0	0	0
Wright	0	0	0	0	0	0	0	0
Yellow Medicine	0	0	0	0	0	0	0	0

Source: Minnesota Department of Health, Facilities and Provider Compliance

**Morbidity and Utilization Table 7a: Minnesota Behavioral Risk Factors of Adults -
County Synthetic Estimates and State Estimates, 2000**

Estimated Percent of:							
	<u>Seatbelt Nonuse</u>	<u>Hyper- tension</u>	<u>Over- weight</u>	<u>Current Smokers</u>	<u>Acute Drinking</u>	<u>Chronic Drinking</u>	<u>Drinking and Driving</u>
US High-Low	**	**	48.0-61.7	12.9-30.5	**	**	**
US Median	**	**	57.1	23.2	**	**	**
State of Minnesota	29.9	20.2	55.0	20.2	17.6	3.9	3.6
Aitkin	29.0	28.1	58.5	16.9	13.5	3.9	2.7
Anoka	30.0	17.7	54.2	21.1	18.6	3.9	3.8
Becker	29.4	24.0	56.6	18.6	15.5	3.9	3.1
Beltrami	30.3	19.8	53.0	20.8	18.4	4.1	3.6
Benton	30.4	18.6	53.1	21.0	19.0	4.0	3.8
Big Stone	28.8	27.9	57.9	16.9	13.4	3.8	2.7
Blue Earth	31.4	18.0	50.9	22.1	20.5	4.5	3.8
Brown	29.8	23.3	55.6	19.1	16.2	4.0	3.2
Carlton	29.8	22.4	56.3	19.2	16.4	4.0	3.4
Carver	29.9	17.7	54.5	20.9	18.2	3.8	3.8
Cass	29.2	25.8	57.6	17.9	14.6	3.9	2.9
Chippewa	29.2	25.2	56.6	18.1	14.9	3.9	3.0
Chisago	30.0	19.4	55.1	20.3	17.7	3.9	3.7
Clay	30.5	19.5	52.2	21.2	18.9	4.1	3.6
Clearwater	29.6	24.4	56.6	18.5	15.5	4.0	3.1
Cook	29.0	24.8	57.7	18.2	14.6	3.8	3.0
Cottonwood	29.1	26.4	57.1	17.6	14.3	3.9	2.9
Crow Wing	29.4	23.9	56.1	18.7	15.7	3.9	3.1
Dakota	29.8	17.7	54.0	21.0	18.4	3.8	3.8
Dodge	29.8	20.7	55.1	19.8	17.1	3.9	3.5
Douglas	29.6	23.9	56.0	18.8	15.8	4.0	3.1
Faribault	29.1	26.5	57.3	17.6	14.3	3.9	2.9
Fillmore	29.4	24.9	56.7	18.2	15.1	3.9	3.0
Freeborn	29.4	24.6	56.6	18.4	15.3	3.9	3.1
Goodhue	29.5	22.5	56.0	19.2	16.1	3.9	3.3
Grant	29.2	26.7	57.3	17.5	14.2	3.9	2.8
Hennepin	30.0	19.0	54.0	20.6	18.2	3.9	3.7
Houston	29.4	23.2	56.2	18.8	15.6	3.8	3.2
Hubbard	29.2	25.3	57.2	18.1	14.7	3.9	3.0
Isanti	29.8	20.2	55.2	20.1	17.3	3.9	3.6
Itasca	29.4	24.1	56.7	18.6	15.3	3.9	3.1
Jackson	29.6	25.2	57.0	18.1	15.1	3.9	3.0
Kanabec	29.6	22.6	56.2	19.1	16.1	3.9	3.3
Kandiyohi	29.8	22.2	55.2	19.5	16.6	4.0	3.3
Kittson	29.3	26.4	57.9	17.6	14.3	3.9	2.9
Koochiching	29.2	24.6	57.0	18.3	15.0	3.8	3.1
Lac Qui Parle	29.1	27.3	57.9	17.2	13.8	3.8	2.8
Lake	29.3	25.6	57.4	17.9	14.6	3.9	3.0
Lake of the Woods	29.2	24.9	57.8	18.2	14.9	3.8	3.1
Le Sueur	29.7	22.2	56.0	19.3	16.4	3.9	3.4
Lincoln	29.1	27.6	57.7	17.1	13.9	3.9	2.8
Lyon	30.3	20.8	53.6	20.3	17.9	4.1	3.5
McLeod	29.7	21.5	55.3	19.5	16.9	3.9	3.4
Mahnomen	29.5	24.5	56.6	18.4	15.4	3.9	3.1
Marshall	29.5	24.9	57.2	18.2	15.1	4.0	3.1
Martin	29.1	25.3	57.0	18.0	14.7	3.8	3.0

**Morbidity and Utilization Table 7a: Minnesota Behavioral Risk Factors of Adults -
County Synthetic Estimates and State Estimates, 2000**

	Estimated Percent of:						
	<u>Seatbelt Nonuse</u>	<u>Hyper- tension</u>	<u>Over- weight</u>	<u>Current Smokers</u>	<u>Acute Drinking</u>	<u>Chronic Drinking</u>	<u>Drinking and Driving</u>
US High-Low	**	**	48.0-61.7	12.9-30.5	**	**	**
US Median	**	**	57.1	23.2	**	**	**
State of Minnesota	29.9	20.2	55.0	20.2	17.6	3.9	3.6
Meeker	29.6	23.4	56.3	18.8	15.9	3.9	3.2
Mille Lacs	29.5	23.3	56.1	18.8	15.9	3.9	3.2
Morrison	29.8	22.8	55.9	19.1	16.3	4.0	3.3
Mower	29.5	24.4	56.1	18.5	15.6	3.9	3.1
Murray	29.2	26.4	57.6	17.6	14.3	3.9	2.9
Nicollet	30.7	18.7	52.5	21.4	19.3	4.2	3.7
Nobles	29.8	23.4	55.9	18.9	16.2	4.0	3.2
Norman	29.3	26.0	57.3	17.7	14.5	3.9	2.9
Olmsted	29.7	19.6	54.5	20.3	17.7	3.9	3.6
Otter Tail	29.4	25.2	57.0	18.2	15.0	3.9	3.0
Pennington	29.8	22.3	55.1	19.5	16.7	4.0	3.3
Pine	30.0	22.8	56.6	19.1	16.5	4.0	3.4
Pipestone	29.1	25.7	56.7	17.8	14.6	3.8	2.9
Polk	29.7	23.5	55.6	19.0	16.1	4.0	3.2
Pope	29.1	26.3	57.2	17.7	14.4	3.9	2.9
Ramsey	29.9	19.3	53.4	20.7	18.2	3.9	3.7
Red Lake	29.6	24.8	56.7	18.3	15.3	4.0	3.1
Redwood	29.4	25.1	56.8	18.1	15.1	3.9	3.0
Renville	29.5	25.1	56.9	18.1	15.1	3.9	3.1
Rice	30.8	19.0	52.9	21.2	19.2	4.2	3.7
Rock	29.4	25.3	56.6	18.0	14.9	3.9	3.0
Roseau	29.9	21.2	55.8	19.6	17.0	3.9	3.5
St. Louis	29.8	22.3	55.0	19.6	16.7	4.0	3.3
Scott	30.1	16.6	54.0	21.2	18.9	3.8	4.0
Sherburne	30.5	16.9	53.5	21.4	19.3	4.0	3.9
Sibley	29.7	23.2	56.1	18.9	16.1	3.9	3.3
Stearns	30.9	18.5	52.4	21.5	19.5	4.3	3.8
Steele	29.7	21.3	55.2	19.7	16.9	3.9	3.5
Stevens	30.8	21.0	52.0	20.9	18.8	4.3	3.5
Swift	30.5	23.6	57.8	18.9	16.8	4.2	3.5
Todd	29.7	23.7	56.4	18.8	15.9	4.0	3.2
Traverse	29.2	28.6	57.9	16.6	13.3	3.9	2.6
Wabasha	29.5	22.9	56.1	19.0	16.0	3.9	3.3
Wadena	29.5	25.2	56.5	18.2	15.2	4.0	3.0
Waseca	30.4	21.3	55.9	19.8	17.6	4.1	3.6
Washington	29.6	18.5	54.9	20.6	17.7	3.8	3.7
Watonwan	29.5	24.5	56.2	18.4	15.5	3.9	3.1
Wilkin	29.5	23.1	56.2	18.9	15.9	3.9	3.2
Winona	30.7	19.4	52.1	21.3	19.2	4.2	3.7
Wright	30.0	18.6	54.5	20.6	18.2	3.9	3.7
Yellow Medicine	29.4	25.5	56.8	18.0	14.9	3.9	3.0

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

**Not available

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.

See Page **D-30** for definitions

Morbidity and Utilization Table 7a: 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.

U.S. High - Low: The LOW shows the lowest percentage, by state, of adults engaging in that risk behavior in the US. The HIGH shows the highest percentage.

U.S. Median: The median is the midpoint percentage value for a particular risk behavior.

Lack of Seatbelt Usage: Respondents who report they "nearly always," "sometimes," "seldom," or "never" use seatbelts. Please note that in 1998 and 1996 County Health Profiles "nearly always" was **not** included in the definition of seatbelt nonuse.

Hypertension: Respondents who report "they have ever been told by a doctor, nurse or other health professional they have high blood pressure."

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] greater than or equal to 25 for men and women. Please note that as of 1999, the definition of overweight has **changed**. The prevalence of overweight was previously defined as a BMI greater than or equal to 27.8 for men and greater than or equal to 27.3 for women.

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 or Heavy Drinking: Percent of adults who report an average consumption of 60 or more alcoholic drinks in the month prior to the survey.

Drinking and Driving: Percent of adults who report driving after having too much alcohol, at least once in the month prior to the survey.

**Morbidity and Utilization Table 7b: Health Status - Minnesota
County Synthetic Estimates and State Estimates, 2000**

	Estimated Percent:	
	Perceiving health status as fair or poor	Reporting limitation in any activities because of any impairment or health problem
State of Minnesota	9.8	15.6
Aitkin	13.2	19.3
Anoka	8.4	14.4
Becker	11.5	17.4
Beltrami	9.8	15.2
Benton	9.4	14.7
Big Stone	13.6	19.5
Blue Earth	9.3	14.0
Brown	11.5	17.1
Carlton	10.9	16.7
Carver	8.5	14.6
Cass	12.1	18.2
Chippewa	12.4	18.1
Chisago	9.3	15.3
Clay	9.9	15.0
Clearwater	11.7	17.6
Cook	11.5	17.8
Cottonwood	13.1	18.7
Crow Wing	11.5	17.4
Dakota	8.5	14.5
Dodge	10.1	15.9
Douglas	11.7	17.3
Faribault	13.1	18.8
Fillmore	12.2	18.0
Freeborn	12.0	17.8
Goodhue	10.9	16.8
Grant	13.2	18.9
Hennepin	9.4	15.0
Houston	11.3	17.2
Hubbard	11.9	18.1
Isanti	9.7	15.7
Itasca	11.5	17.5
Jackson	12.4	18.1
Kanabec	10.8	16.8
Kandiyohi	10.9	16.6
Kittson	13.0	18.8
Koochiching	11.8	17.8
Lac Qui Parle	13.4	19.2
Lake	12.3	18.3
Lake of the Woods	11.7	17.9
Le Sueur	10.7	16.6
Lincoln	13.6	19.3
Lyon	10.5	15.8
McLeod	10.6	16.3
Mahnomen	11.7	17.6
Marshall	12.0	17.9
Martin	12.4	18.2
Meeker	11.4	17.2
Mille Lacs	11.3	17.2
Morrison	11.2	16.9

**Morbidity and Utilization Table 7b: Health Status - Minnesota
County Synthetic Estimates and State Estimates, 2000**

	Estimated Percent:	
	Perceiving health status as fair or poor	Reporting limitation in any activities because of any impairment or health problem
State of Minnesota	9.8	15.6
Mower	12.1	17.7
Murray	12.9	18.7
Nicollet	9.3	14.6
Nobles	11.6	17.1
Norman	12.7	18.6
Olmsted	9.5	15.4
Otter Tail	12.1	18.0
Pennington	11.0	16.6
Pine	10.9	16.8
Pipestone	12.8	18.5
Polk	11.6	17.2
Pope	12.9	18.7
Ramsey	9.6	15.1
Red Lake	12.1	17.9
Redwood	12.3	18.0
Renville	12.4	18.1
Rice	9.5	14.7
Rock	12.6	18.2
Roseau	10.2	16.1
St. Louis	11.0	16.6
Scott	8.0	14.0
Sherburne	8.3	14.0
Sibley	11.4	17.1
Stearns	9.3	14.5
Steele	10.4	16.2
Stevens	10.8	15.6
Swift	11.6	17.1
Todd	11.4	17.2
Traverse	14.2	19.9
Wabasha	11.0	16.9
Wadena	12.4	18.1
Waseca	10.5	16.0
Washington	8.7	14.9
Watonwan	12.1	17.7
Wilkin	11.3	17.2
Winona	9.9	14.9
Wright	9.0	14.9
Yellow Medicine	12.6	18.3

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

County 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.

See Page [D-30](#) for a description of the BRFSS

**Morbidity and Utilization Table 7c: Health Care Utilization* - Minnesota
County Synthetic Estimates and State Estimates, 2000**

	Reporting no visits to the dentist in the past year	Reporting no visits to the doctor in the past year	Hospitalization in past year
State of Minnesota	21.8	14.6	11.1
Aitkin	23.7	12.9	12.9
Anoka	20.7	15.1	10.3
Becker	22.6	13.9	11.9
Beltrami	22.0	14.4	11.2
Benton	21.8	14.8	10.9
Big Stone	24.0	13.0	13.0
Blue Earth	22.3	14.9	11.0
Brown	22.9	14.0	12.0
Carlton	22.3	14.4	11.5
Carver	20.7	15.0	10.4
Cass	22.9	13.4	12.3
Chippewa	23.2	13.7	12.3
Chisago	21.3	14.8	10.8
Clay	22.3	14.2	11.4
Clearwater	22.9	13.8	12.1
Cook	22.2	13.8	11.9
Cottonwood	23.6	13.4	12.7
Crow Wing	22.8	13.7	12.0
Dakota	20.7	15.0	10.4
Dodge	21.8	14.5	11.2
Douglas	22.9	13.9	12.0
Faribault	23.7	13.4	12.7
Fillmore	23.2	13.7	12.3
Freeborn	23.0	13.7	12.2
Goodhue	22.2	14.2	11.6
Grant	23.8	13.3	12.8
Hennepin	21.5	14.8	10.9
Houston	22.4	14.0	11.8
Hubbard	22.8	13.5	12.3
Isanti	21.5	14.6	11.0
Itasca	22.5	13.9	11.9
Jackson	23.3	13.8	12.4
Kanabec	22.2	14.1	11.6
Kandiyohi	22.4	14.2	11.6
Kittson	23.5	13.6	12.6
Koochiching	22.7	13.8	12.1
Lac Qui Parle	23.8	13.3	12.9
Lake	23.0	13.6	12.4
Lake of the Woods	22.6	13.8	12.0
Le Sueur	22.1	14.3	11.5
Lincoln	24.2	13.1	13.1
Lyon	22.6	14.3	11.5
McLeod	22.2	14.4	11.4
Mahnomen	22.8	13.7	12.1
Marshall	22.9	13.9	12.1
Martin	23.1	13.7	12.3
Meeker	22.6	14.1	11.8
Mille Lacs	22.6	13.9	11.9
Morrison	22.6	14.2	11.7

**Morbidity and Utilization Table 7c: Health Care Utilization* - Minnesota
County Synthetic Estimates and State Estimates, 2000**

	Reporting no visits to the dentist in the past year	Reporting no visits to the doctor in the past year	Hospitalization in past year
State of Minnesota	21.8	14.6	11.1
Mower	23.2	13.8	12.2
Murray	23.5	13.5	12.6
Nicollet	21.8	14.8	10.9
Nobles	22.9	14.1	11.9
Norman	23.5	13.4	12.6
Olmsted	21.5	14.6	10.9
Otter Tail	23.1	13.6	12.3
Pennington	22.5	14.2	11.6
Pine	22.4	14.3	11.6
Pipestone	23.6	13.4	12.6
Polk	22.8	14.0	12.0
Pope	23.5	13.4	12.6
Ramsey	21.8	14.5	11.1
Red Lake	23.1	13.8	12.2
Redwood	23.3	13.7	12.3
Renville	23.3	13.8	12.3
Rice	22.0	14.7	11.0
Rock	23.4	13.5	12.5
Roseau	22.0	14.5	11.3
St. Louis	22.4	14.2	11.7
Scott	20.5	15.2	10.2
Sherburne	20.9	15.3	10.3
Sibley	22.8	14.1	11.9
Stearns	21.9	14.8	10.9
Steele	22.0	14.4	11.4
Stevens	23.1	14.0	11.8
Swift	23.0	14.9	11.6
Todd	22.6	14.1	11.8
Traverse	24.6	12.9	13.4
Wabasha	22.3	14.1	11.7
Wadena	23.4	13.6	12.4
Waseca	22.2	15.0	11.2
Washington	20.6	15.0	10.4
Watonwan	23.2	13.7	12.2
Wilkin	22.5	14.0	11.8
Winona	22.3	14.3	11.3
Wright	21.2	14.9	10.6
Yellow Medicine	23.5	13.6	12.4

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

County 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.

See Page [D-30](#) for a description of the BRFSS

*The question "About how long has it been since you last had your blood cholesterol checked?" was not asked in 2000.

Minnesota Medicare Diabetes Population

The Morbidity and Utilization Tables 8 – 10 are for the Minnesota Medicare diabetes population, ages 65 to 74, and present selected indicators of health care utilization from **July 1, 2000 through June 30, 2001**. They provide a snapshot of the diabetes care and burden for this population in Minnesota and its counties.

Although this data represents only those 65-74 years of age, the prevalence and burden of diabetes in this population is high. Studies have demonstrated that improved preventive care and control of blood glucose levels, lipid levels and blood pressure reduces complications associated with diabetes including cardiovascular disease, and stroke. Commonly used diabetes indicators include annual eye exams, annual HbA1c measurements, annual lipid measurements and annual flu vaccinations. These preventive care indicators can serve as a reference to assess ongoing and future diabetes activities within counties.

For more detailed diabetes information, please go to <http://www.health.state.mn.us/diabetes/> or contact the Minnesota Diabetes Program at 651.281.9854.

Considerations for use:

- These data are restricted to Minnesota residents, ages 65 to 74.
- Minnesota Medicare beneficiaries represent approximately 96% of those ages 65 to 74.
- Data for beneficiaries enrolled in health maintenance organizations (HMO) were not available. The number of Medicare beneficiaries enrolled in HMOs varies substantially by county. Statistical adjustments have been made to account for these differences.
- The tables are based on the residence of the Medicare beneficiary **not** the location where care was delivered. Thus, only Minnesota residents are included in the tables and the county-level tables only include Medicare beneficiaries who reside in the respective county.
- Use caution when interpreting rates or charges in which areas have a small population base or low number events (n<10). In such cases, stroke events for example, a difference of only a small number of individuals or events can make rates or charges appear to vary considerably between counties and over time.

Statistical Considerations:

1. *Identification of the diabetes Medicare population in Minnesota:* A Medicare beneficiary was determined to have diabetes if, between July 1, 1999 and June 30, 2001, they had at least one Medicare Part A (hospital) or two Medicare Part B (ambulatory care) claims where the *International Classification of Disease, Ninth Revision, Clinical Modification* [ICD-9-CM] codes for diabetes (250.00-250.93, 357.2, 362.0, 366.41) were listed. The Medicare beneficiary also had to be alive and a resident of Minnesota on June 30, 2001.

2. *Adjustments for those enrolled in HMOs and for age and sex:* To make comparisons more meaningful between counties and the state, county rates were first adjusted to account for the population enrolled in HMOs and then age and sex adjusted to the Minnesota 1990 census data, using the direct method.

Morbidity and Utilization Table 8: Diabetes Prevalence in the 65 to 74 year old Minnesota Medicare Population by State and County

	<i>Prevalence</i>			
	Number of People (July 1, 2000 to June 30, 2001)	Percent with Diabetes (April 1, 1998 to March 31, 1999)	Percent with Diabetes (July 1, 2000 to June 30, 2001)	Percent Change over Time
State of Minnesota	24,972	10.4	11.5	10.6
Aitkin	187	11.2	13.0	16.1
Anoka	1,076	10.5	13.3	26.7
Becker	204	9.9	10.8	9.1
Beltrami	301	13.6	16.2	19.1
Benton	131	12.4	12.4	0.0
Big Stone	51	6.7	9.9	47.8
Blue Earth	270	9.4	10.2	8.5
Brown	246	11.9	13.8	16.0
Carlton	262	11.0	13.4	21.8
Carver	212	11.4	10.9	-4.4
Cass	258	11.0	12.1	10.0
Chippewa	101	9.4	12.4	31.9
Chisago	212	9.6	11.5	19.8
Clay	278	11.0	11.5	4.5
Clearwater	61	11.6	12.3	6.0
Cook	23	9.3	7.0	-24.7
Cottonwood	90	9.6	10.3	7.3
Crow Wing	396	9.1	9.6	5.5
Dakota	926	10.1	10.6	5.0
Dodge	93	10.3	12.1	17.5
Douglas	288	10.1	12.4	22.8
Faribault	162	10.9	12.6	15.6
Fillmore	178	10.4	11.9	14.4
Freeborn	248	10.7	11.7	9.3
Goodhue	268	9.9	11.2	13.1
Grant	69	11.6	13.5	16.4
Hennepin	4,155	9.4	10.4	10.6
Houston	121	10.4	10.5	1.0
Hubbard	163	9.2	12.0	30.4
Isanti	121	9.8	10.2	4.1
Itasca	408	12.4	10.5	-15.3
Jackson	76	11.1	11.3	1.8
Kanabec	78	9.7	10.0	3.1
Kandiyohi	252	9.5	11.4	20.0
Kittson	54	11.0	14.2	29.1
Koochiching	107	8.8	9.8	11.4
Lac Qui Parle	80	11.1	14.3	28.8
Lake	96	10.8	11.0	1.9
Lake of the Woods	39	9.7	13.0	34.0
Le Sueur	180	10.7	11.5	7.5
Lincoln	49	10.4	10.4	0.0
Lyon	208	12.4	15.3	23.4
McLeod	190	10.0	10.7	7.0
Mahnomen	46	16.5	14.9	-9.7
Marshall	102	9.9	14.0	41.4
Martin	167	9.9	11.1	12.1
Meeker	168	12.4	13.1	5.6
Mille Lacs	163	8.8	9.7	10.2
Morrison	218	9.3	11.4	22.6
Mower	381	11.4	13.9	21.9

Morbidity and Utilization Table 8: Diabetes Prevalence in the 65 to 74 year old Minnesota Medicare Population by State and County

	<i>Prevalence</i>			
	Number of People (July 1, 2000 to June 30, 2001)	Percent with Diabetes (April 1, 1998 to March 31, 1999)	Percent with Diabetes (July 1, 2000 to June 30, 2001)	Percent Change over Time
State of Minnesota	24,972	10.4	11.5	10.6
Murray	78	8.9	11.3	27.0
Nicollet	101	7.8	11.0	41.0
Nobles	146	10.9	11.6	6.4
Norman	67	9.2	12.1	31.5
Olmsted	530	9.5	10.6	11.6
Otter Tail	456	11.4	11.6	1.8
Pennington	89	10.0	11.9	19.0
Pine	216	11.0	13.2	20.0
Pipestone	60	8.0	8.2	2.5
Polk	227	11.7	12.1	3.4
Pope	99	10.8	12.3	13.9
Ramsey	2,605	10.5	11.4	8.6
Red Lake	39	10.5	14.3	36.2
Redwood	147	10.7	13.2	23.4
Renville	122	11.3	10.6	-6.2
Rice	290	11.4	12.1	6.1
Rock	74	10.3	12.2	18.4
Roseau	59	8.2	8.9	8.5
St. Louis	1,398	11.5	12.1	5.2
Scott	225	10.3	10.7	3.9
Sherburne	205	10.1	10.7	5.9
Sibley	92	9.2	10.4	13.0
Stearns	707	10.0	11.1	11.0
Steele	211	11.2	12.8	14.3
Stevens	70	10.1	12.0	18.8
Swift	100	11.3	13.2	16.8
Todd	169	11.3	11.9	5.3
Traverse	45	11.6	11.3	-2.6
Wabasha	140	10.4	10.8	3.8
Wadena	122	11.9	11.5	-3.4
Waseca	106	10.1	11.2	10.9
Washington	511	10.2	11.0	7.8
Watonwan	90	11.1	10.9	-1.8
Wilkin	49	11.0	11.5	4.5
Winona	280	11.6	12.6	8.6
Wright	391	10.3	11.8	14.6
Yellow Medicine	98	10.6	12.0	13.2

Source: Medicare Part A (inpatient) and Part B (ambulatory care) data

Number of People is the number of Medicare beneficiaries, ages 65-74, identified as being diagnosed with diabetes who are alive and Minnesota residents as of June 30, 2001. See 'Statistical Considerations' for how the Medicare diabetes population was identified

Percent with Diabetes is the rate of diabetes per 100 Medicare beneficiaries 65 to 74 years of age during the designated time period. In this case, two 12-month periods are presented: April 1, 1998 through March 31, 1999 and July 1, 2000 through June 30, 2001.

Change Over Time represents the percent increase or decrease in the *prevalence rate* from the first 12-month period (April 1, 1998 through March 31, 1999) to the most recent 12-month period (July 1, 2000 through June 30, 2001).

Morbidity and Utilization Table 9: Diabetes Preventive Care in the 65 to 74 year old Minnesota Medicare Population by State and County

<i>Preventive Care</i>						
	Annual HbA1c Test	Annual Lipid Test	Annual Eye Exam	Combined measure: Annual HbA1c, Annual Lipid Measurement, <i>and</i> Annual Eye Exam		
		Percent		Percent (April 1, 1998 to March 31, 1999)	Percent (July 1, 2000 to June 30, 2001)	Percent Change over time
	(July 1, 2000 to June 30, 2001)					
State of Minnesota	88.3	65.8	78.4	38.9	51.8	33.2
Aitkin	91.5	63.5	86.2	32.2	53.1	64.9
Anoka	90.9	68.8	79.0	36.2	55.4	53.0
Becker	90.6	58.2	79.5	34.3	50.7	47.8
Beltrami	75.1	56.5	73.9	40.3	45.8	13.6
Benton	90.0	67.6	81.3	37.1	54.6	47.2
Big Stone	83.5	68.7	82.9	39.2	59.2	51.0
Blue Earth	87.6	61.7	76.7	40.3	45.6	13.2
Brown	92.1	66.5	83.4	38.3	54.1	41.3
Carlton	89.9	66.2	74.8	29.5	47.9	62.4
Carver	82.5	61.1	84.9	34.6	47.9	38.4
Cass	79.5	58.9	80.3	31.5	48.7	54.6
Chippewa	90.7	71.1	73.6	34.1	52.0	52.5
Chisago	90.6	56.8	71.2	23.2	40.0	72.4
Clay	92.6	73.2	79.9	44.0	59.8	35.9
Clearwater	88.7	63.7	73.7	37.1	52.4	41.2
Cook	87.7	67.7	85.0	38.3	58.6	53.0
Cottonwood	92.8	63.7	74.6	41.9	47.2	12.6
Crow Wing	90.3	69.4	83.6	38.7	57.9	49.6
Dakota	89.5	66.8	83.2	39.2	54.5	39.0
Dodge	96.9	85.9	79.9	50.0	67.2	34.4
Douglas	94.5	65.3	74.5	38.2	47.8	25.1
Faribault	83.9	62.2	79.6	33.0	48.0	45.5
Fillmore	91.0	71.7	72.4	46.2	53.2	15.2
Freeborn	78.6	58.9	80.5	36.9	48.8	32.2
Goodhue	92.2	69.4	78.4	41.4	55.0	32.9
Grant	91.1	65.0	68.8	34.1	43.9	28.7
Hennepin	87.2	65.5	81.0	38.6	53.3	38.1
Houston	90.1	71.0	75.2	43.7	52.9	21.1
Hubbard	89.4	60.5	79.1	32.1	48.4	50.8
Isanti	92.5	72.7	74.9	49.7	56.0	12.7
Itasca	89.8	71.6	77.8	39.6	55.4	39.9
Jackson	92.1	80.3	80.2	39.3	65.8	67.4
Kanabec	91.7	62.3	82.8	40.3	56.4	40.0
Kandiyohi	92.2	70.5	71.4	44.6	49.8	11.7
Kittson	88.9	68.6	79.6	24.0	55.6	131.7
Koochiching	84.9	63.7	72.7	27.4	48.8	78.1
Lac Qui Parle	94.1	72.8	81.3	50.7	57.4	13.2
Lake	81.9	65.8	86.3	46.8	55.9	19.4
Lake of the Woods	78.8	55.3	85.9	23.8	43.4	82.4
Le Sueur	91.0	69.4	75.8	45.4	53.8	18.5
Lincoln	89.8	73.4	65.0	46.7	52.9	13.3
Lyon	91.3	59.0	79.3	43.8	43.6	-0.5
McLeod	85.5	63.2	81.1	32.3	49.2	52.3
Mahnomen	59.0	61.7	66.9	13.1	33.8	158.0
Marshall	91.0	69.7	76.3	39.4	54.9	39.3
Martin	93.3	81.5	74.3	51.7	60.9	17.8
Meeker	94.2	69.2	84.7	49.5	59.4	20.0
Mille Lacs	72.2	51.1	81.6	33.2	37.8	13.9
Morrison	91.3	62.5	75.6	39.2	51.1	30.4

Morbidity and Utilization Table 9: Diabetes Preventive Care in the 65 to 74 year old Minnesota Medicare Population by State and County

	<i>Preventive Care</i>					
	Annual HbA1c Test	Annual Lipid Test	Annual Eye Exam	Combined measure: Annual HbA1c, Annual Lipid Measurement, <i>and</i> Annual Eye Exam		
	Percent (July 1, 2000 to June 30, 2001)			Percent (April 1, 1998 to March 31, 1999)	Percent (July 1, 2000 to June 30, 2001)	Percent Change over time
State of Minnesota	88.3	65.8	78.4	38.9	51.8	33.2
Mower	92.0	79.9	76.5	50.5	62.2	23.2
Murray	86.1	70.5	82.7	33.6	55.5	65.2
Nicollet	90.4	76.7	77.5	45.8	57.0	24.5
Nobles	90.2	60.1	69.2	32.5	46.8	44.0
Norman	87.1	60.4	69.7	43.8	42.5	-3.0
Olmsted	91.4	84.7	77.7	52.5	66.4	26.5
Otter Tail	92.0	70.8	79.7	37.4	55.3	47.9
Pennington	89.7	69.7	64.9	45.3	42.7	-5.7
Pine	89.7	63.5	72.2	31.7	46.0	45.1
Pipestone	85.1	59.6	84.9	25.2	46.6	84.9
Polk	88.1	61.7	68.6	30.8	40.4	31.2
Pope	92.9	75.7	70.0	32.7	52.2	59.6
Ramsey	86.7	60.1	78.3	38.2	48.5	27.0
Red Lake	75.1	71.5	86.4	42.8	53.3	24.5
Redwood	87.3	69.8	84.3	45.1	60.3	33.7
Renville	81.9	55.3	77.7	31.4	39.7	26.4
Rice	90.0	51.8	75.9	42.1	42.0	-0.2
Rock	89.7	47.3	66.8	23.0	31.1	35.2
Roseau	88.2	57.5	77.8	23.0	45.7	98.7
St. Louis	88.7	60.7	77.2	37.2	46.0	23.7
Scott	88.4	63.5	76.8	38.3	46.6	21.7
Sherburne	85.3	64.2	77.8	42.8	50.3	17.5
Sibley	85.0	62.9	80.0	30.6	51.5	68.3
Stearns	89.8	71.7	79.6	43.9	56.3	28.2
Steele	90.4	68.0	87.5	38.4	57.8	50.5
Stevens	74.0	62.0	84.4	43.3	44.1	1.8
Swift	95.1	68.3	74.0	41.5	52.0	25.3
Todd	88.5	68.5	75.9	42.7	49.4	15.7
Traverse	86.8	81.9	82.3	45.4	66.2	45.8
Wabasha	90.0	77.8	77.7	37.1	61.2	65.0
Wadena	92.6	71.7	75.9	34.2	55.9	63.5
Waseca	81.2	55.6	78.4	41.7	39.6	-5.0
Washington	84.2	60.0	78.8	36.8	48.5	31.8
Watonwan	87.1	58.9	77.7	39.0	46.8	20.0
Wilkin	89.8	69.4	81.6	29.1	57.1	96.2
Winona	88.7	73.8	67.3	44.3	52.3	18.1
Wright	85.0	65.3	77.5	40.0	50.8	27.0
Yellow Medicine	85.5	73.2	76.9	36.2	60.2	66.3

Source: Medicare Part B (ambulatory care) data.

Minnesota and county rates (%) are per 100 of the diabetes Medicare population, ages 65-74.

Preventive care indicators describe those of the Medicare diabetes population, ages 65-74, who had a Medicare Part B claim for the given indicator. These indicators are as follows:

Annual HbA1c Test, Annual Eye Exam, Annual Lipid Measurement and the Combined Measure (annual HbA1c, annual eye exam, and annual lipid measurement). The number of Medicare beneficiaries who receive all three recommended services provides a more comprehensive view of preventive measures being received by the Medicare diabetes population. Two 12-month periods are presented: April 1, 1998 through March 31, 1999 and July 1, 2000 through June 30, 2001.

Change Over Time for the *Combined Measure* represents the percent increase or decrease in the rates from the first 12-month period (April 1, 1998 through March 31, 1999) to the most recent 12-month period (July 1, 2000 through June 30, 2001).

Morbidity and Utilization Table 10a: Hospital Discharge Claims in the 65 to 74 year old Minnesota Medicare Diabetes Population by State and County

	<i>All hospital discharge claims</i>		<i>Major Cardiovascular Disease</i>		<i>Stroke HDC's</i>	
	Number of HDC's	HDC per 1,000 Medicare population	Number of HDC's	HDC per 1,000 Medicare population	Number of HDC's	HDC per 1,000 Medicare population
	(July 1, 2000 to June 30, 2001)		(July 1, 2000 to June 30, 2001)		(July 1, 2000 to June 30, 2001)	
State of Minnesota	12,976	519.7	11,306	452.4	1,236	49.0
Aitkin	122	650.0	104	554.6	18	109.2
Anoka	587	544.2	528	492.2	42	40.4
Becker	81	401.8	72	354.9	13	63.6
Beltrami	173	580.4	153	508.2	19	61.0
Benton	61	467.2	55	417.3	NA	31.5
Big Stone	20	402.2	19	379.2	NA	95.8
Blue Earth	154	567.5	122	448.8	NA	17.5
Brown	90	370.9	75	309.3	12	50.3
Carlton	176	667.8	151	571.6	9	35.4
Carver	113	524.9	96	445.2	8	35.9
Cass	150	587.0	130	504.8	19	71.0
Chippewa	48	495.6	40	411.9	NA	33.0
Chisago	103	491.7	95	455.0	10	46.4
Clay	101	360.4	94	335.4	12	40.6
Clearwater	46	754.8	38	627.6	NA	75.1
Cook	11	513.8	11	513.8	NA	250.4
Cottonwood	45	528.7	41	478.4	11	132.3
Crow Wing	251	616.8	224	556.0	26	66.4
Dakota	500	545.2	444	484.0	60	64.9
Dodge	33	353.5	31	330.1	NA	21.5
Douglas	117	401.7	96	329.0	9	31.2
Faribault	92	564.5	78	479.5	11	67.7
Fillmore	65	368.3	58	329.1	NA	17.1
Freeborn	158	642.9	137	549.9	7	26.3
Goodhue	121	454.6	96	359.0	12	46.1
Grant	22	332.5	17	252.9	0	0.0
Hennepin	2,265	546.0	2,008	484.2	210	50.2
Houston	45	372.5	42	347.6	8	66.4
Hubbard	78	486.9	64	394.0	6	39.6
Isanti	61	487.9	56	440.6	7	56.5
Itasca	178	436.1	152	373.5	14	31.6
Jackson	49	644.3	37	486.6	NA	52.6
Kanabec	48	612.6	43	556.0	7	82.0
Kandiyohi	94	371.5	83	331.1	6	23.2
Kittson	23	424.8	22	406.1	0	0.0
Koochiching	58	531.7	47	435.9	0	0.0
Lac Qui Parle	36	467.8	31	401.5	NA	33.7
Lake	49	489.2	45	444.6	9	85.5
Lake of the Woods	21	550.0	15	389.1	NA	73.9
Le Sueur	91	507.0	71	394.3	NA	17.0
Lincoln	44	879.3	42	840.0	6	123.2
Lyon	100	480.6	81	389.8	8	37.4
McLeod	98	513.7	86	454.1	6	32.6
Mahnomen	26	551.8	20	437.9	NA	17.3
Marshall	57	559.3	52	511.0	NA	41.6
Martin	88	544.6	69	419.8	10	59.0
Meeker	92	551.2	86	512.8	NA	27.7
Mille Lacs	103	622.9	89	539.1	9	58.2
Morrison	103	465.6	92	414.4	7	33.6
Mower	146	382.7	129	337.1	14	34.0

Morbidity and Utilization Table 10a: Hospital Discharge Claims in the 65 to 74 year old Minnesota Medicare Diabetes Population by State and County

	<i>All hospital discharge claims</i>		<i>Major Cardiovascular Disease</i>		<i>Stroke HDC's</i>	
	Number of HDC's	HDC per 1,000 Medicare population	Number of HDC's	HDC per 1,000 Medicare population	Number of HDC's	HDC per 1,000 Medicare population
	(July 1, 2000 to June 30, 2001)		(July 1, 2000 to June 30, 2001)		(July 1, 2000 to June 30, 2001)	
State of Minnesota	12,976	519.7	11,306	452.4	1,236	49.0
Murray	56	713.9	51	658.9	9	118.6
Nicollet	59	575.1	52	506.6	NA	21.2
Nobles	85	580.9	73	504.0	NA	35.1
Norman	30	469.4	26	402.6	NA	39.6
Olmsted	272	511.2	230	433.2	19	35.3
Otter Tail	156	340.7	134	293.5	14	30.2
Pennington	49	551.3	44	495.2	NA	55.6
Pine	128	604.3	119	557.1	15	66.4
Pipestone	54	893.4	46	753.5	NA	64.2
Polk	164	730.2	144	646.3	11	49.5
Pope	41	421.5	39	401.0	NA	31.4
Ramsey	1,356	521.1	1,170	449.1	163	62.4
Red Lake	7	181.6	6	158.7	NA	23.0
Redwood	66	449.3	61	412.6	NA	18.7
Renville	57	471.6	47	389.2	NA	33.0
Rice	146	498.8	123	421.2	8	26.9
Rock	38	518.7	29	393.6	NA	39.6
Roseau	33	615.8	31	573.4	NA	56.0
St. Louis	827	589.9	716	510.3	93	65.2
Scott	138	619.6	120	538.0	20	96.0
Sherburne	79	386.8	67	325.2	NA	26.4
Sibley	27	295.4	21	229.5	NA	20.0
Stearns	319	453.5	277	395.6	37	52.7
Steele	92	424.1	83	383.9	8	36.0
Stevens	63	901.4	54	780.1	NA	44.3
Swift	57	558.2	49	484.4	NA	8.3
Todd	97	593.8	80	494.0	8	48.2
Traverse	40	875.2	36	784.5	NA	20.4
Wabasha	73	518.3	69	490.2	6	43.1
Wadena	78	649.1	66	547.7	9	75.5
Waseca	46	433.4	35	329.9	NA	18.7
Washington	252	485.2	204	389.7	30	52.2
Watonwan	63	701.9	54	600.2	NA	33.6
Wilkin	21	428.5	20	408.1	NA	81.6
Winona	160	568.9	149	529.7	15	56.0
Wright	135	342.7	121	307.1	18	44.7
Yellow Medicine	60	633.0	54	561.1	NA	26.4

Source: Medicare Part A (Inpatient) Data

Number of hospital discharge claims (HDC) among the Medicare diabetes population. An individual may have had more than one HDC during this time frame.

The Minnesota and county rates are per 1,000 Medicare beneficiaries with *diabetes*.

Hospital discharge claims (HDC's) are submitted by the provider to Medicare and are categorized as follows:

- All HDC's in the Medicare diabetes population ages 65-74, regardless of whether diabetes was actually listed as a diagnosis on the HDC.
- HDC's in the diabetes population with **major cardiovascular disease (CVD)**
- HDC's in the diabetes population with **stroke**

Morbidity and Utilization Table 10b: Total Reimbursed Charges for Hospital Claims in the 65 to 74 year old Minnesota Medicare Diabetes Population by State and County

	<i>Total Medicare Reimbursed Charges</i>		
	April 1, 1998 to March 31, 1999	July 1, 2000 to June 30, 2001	Change over Time
State of Minnesota	\$67,232,387	\$90,666,139	34.9
Aitkin	\$597,546	\$692,494	15.9
Anoka	\$3,132,200	\$4,270,554	36.3
Becker	\$385,165	\$492,755	27.9
Beltrami	\$957,456	\$1,068,242	11.6
Benton	\$485,465	\$307,963	-36.6
Big Stone	\$82,727	\$185,125	123.8
Blue Earth	\$685,169	\$917,336	33.9
Brown	\$485,701	\$555,162	14.3
Carlton	\$587,465	\$1,137,597	93.6
Carver	\$815,528	\$812,873	-0.3
Cass	\$836,563	\$1,002,606	19.8
Chippewa	\$244,171	\$190,941	-21.8
Chisago	\$568,388	\$643,378	13.2
Clay	\$636,758	\$666,735	4.7
Clearwater	\$126,431	\$200,022	58.2
Cook	\$52,639	\$78,078	48.3
Cottonwood	\$253,272	\$224,118	-11.5
Crow Wing	\$1,143,516	\$1,506,203	31.7
Dakota	\$2,390,229	\$3,434,145	43.7
Dodge	\$227,786	\$272,641	19.7
Douglas	\$515,972	\$772,118	49.6
Faribault	\$540,536	\$651,766	20.6
Fillmore	\$425,207	\$413,050	-2.9
Freeborn	\$484,725	\$936,506	93.2
Goodhue	\$1,085,402	\$994,967	-8.3
Grant	\$270,389	\$79,024	-70.8
Hennepin	\$12,950,130	\$17,520,137	35.3
Houston	\$253,792	\$325,495	28.3
Hubbard	\$349,998	\$569,068	62.6
Isanti	\$407,266	\$472,773	16.1
Itasca	\$901,238	\$1,160,017	28.7
Jackson	\$204,787	\$235,587	15.0
Kanabec	\$334,079	\$314,499	-5.9
Kandiyohi	\$474,263	\$605,071	27.6
Kittson	\$48,079	\$168,716	250.9
Koochiching	\$169,540	\$359,152	111.8
Lac Qui Parle	\$193,791	\$197,490	1.9
Lake	\$272,824	\$338,003	23.9
Lake of the Woods	\$60,332	\$232,356	285.1
Le Sueur	\$591,947	\$591,759	0.0
Lincoln	\$54,332	\$222,123	308.8
Lyon	\$551,226	\$579,617	5.2
McLeod	\$512,948	\$663,566	29.4
Mahnomen	\$95,286	\$519,727	445.4
Marshall	\$205,934	\$521,899	153.4
Martin	\$509,094	\$541,156	6.3
Meeker	\$315,228	\$528,178	67.6
Mille Lacs	\$581,010	\$676,448	16.4
Morrison	\$485,340	\$655,000	35.0
Mower	\$1,221,477	\$943,987	-22.7
Murray	\$140,101	\$377,355	169.3

Morbidity and Utilization Table 10b: Total Reimbursed Charges for Hospital Claims in the 65 to 74 year old Minnesota Medicare Diabetes Population by State and County

	<i>Total Medicare Reimbursed Charges</i>		
	April 1, 1998 to March 31, 1999	July 1, 2000 to June 30, 2001	Change over Time
State of Minnesota	\$67,232,387	\$90,666,139	34.9
Nicollet	\$189,349	\$401,118	111.8
Nobles	\$299,386	\$546,585	82.6
Norman	\$261,141	\$175,096	-32.9
Olmsted	\$1,680,376	\$2,707,480	61.1
Otter Tail	\$969,206	\$1,059,015	9.3
Pennington	\$191,349	\$299,913	56.7
Pine	\$551,203	\$889,788	61.4
Pipestone	\$159,847	\$302,316	89.1
Polk	\$479,574	\$1,105,455	130.5
Pope	\$173,751	\$219,685	26.4
Ramsey	\$7,314,934	\$10,342,958	41.4
Red Lake	\$89,714	\$38,307	-57.3
Redwood	\$125,162	\$357,595	185.7
Renville	\$241,255	\$342,616	42.0
Rice	\$699,275	\$869,285	24.3
Rock	\$204,171	\$214,817	5.2
Roseau	\$98,733	\$175,146	77.4
St. Louis	\$4,203,830	\$6,202,483	47.5
Scott	\$833,002	\$848,979	1.9
Sherburne	\$368,747	\$637,898	73.0
Sibley	\$181,214	\$125,031	-31.0
Stearns	\$1,481,323	\$2,109,901	42.4
Steele	\$542,556	\$662,634	22.1
Stevens	\$370,625	\$340,288	-8.2
Swift	\$186,578	\$289,911	55.4
Todd	\$330,633	\$502,870	52.1
Traverse	\$82,787	\$241,355	191.5
Wabasha	\$433,614	\$588,447	35.7
Wadena	\$347,267	\$504,149	45.2
Waseca	\$324,693	\$253,614	-21.9
Washington	\$1,181,194	\$1,855,300	57.1
Watonwan	\$149,155	\$400,657	168.6
Wilkin	\$88,020	\$135,802	54.3
Winona	\$805,050	\$1,211,827	50.5
Wright	\$675,992	\$907,211	34.2
Yellow Medicine	\$246,385	\$367,861	49.3

Source: Medicare Part A (Inpatient) data.

Total charges reimbursed by Medicare to hospital providers for HDC's among the Medicare diabetes population. These do not include charges associated with outpatient care, such as those for the preventive care measures. Two 12-month periods are presented: April 1, 1998 through March 31, 1999 and July 1, 2000 through June 30, 2001.

Change Over Time for the *Total Medicare Reimbursed Charges* represents the percent increase or decrease in the charges from the first 12-month period (April 1, 1998 through March 31, 1999) to the most recent 12-month period (July 1, 2000 through June 30, 2001). *Note:* In counties with a small number of events, one or two expensive hospital discharge claims can result in large changes in the Medicare reimbursed charges over time.

Morbidity and Utilization Table 11: 2001 Minnesota Student Survey Crosswalk

The 2002 Minnesota County Health Tables do not include results from the Minnesota Student Survey (MSS). The 1995 and 1998 MSS results for Behaviors that Contribute to Injury, Dietary Behaviors, Mental Health, Sexual Behaviors and Potential Protective Factors by state and county are available on the County Health Profile website, www.mnplan.state.mn.us/datanetweb/health.html under Morbidity and Utilization. The 2001 Student Survey results by state and county are on available the Minnesota Department of Children, Families and Learning (DCFL) MSS website, <http://cfl.state.mn.us/studentsurvey/>. The following tables provide the table headings and page numbers from the MSS results section in the County Health Profiles and their corresponding tables for 2001 results on the DCFL website.

Behaviors that Contribute to Injury (Page B-12 in the 2001 County Health Profiles)	DCFL MSS 2001 Table #
Student has ever hit or beat up another person during the last 12 months*	26
Student has ever hit someone or become violent while using alcohol or other drugs during the last year*	41B
Student has had thoughts of killing oneself during the last year	23
Student has ever tried to kill self *	23
Student has been hit hard enough or often enough by an adult in the household to have marks or be afraid of that person	13
Member of student-s family has been hit hard enough or often enough by another family member to have marks or be afraid of that person	13
Student has ever been the victim of date violence	13
Student has ever been the victim of date rape	14
Student has ever been the victim of sexual abuse by a family member or a person outside the family**	14 (2 Q's)

* Categories in the DCFL MSS Tables need to be added to reproduce results reported in the 2001 County Health Profiles.

**The percentages reported in the 2001 County Health Profiles cannot be reproduced from the DCFL MSS Tables.

Morbidity and Utilization Table 11: 2001 Minnesota Student Survey Crosswalk

	DCFL MSS 2001 Table #
Dietary Behaviors (Page B-13 in the 2001 County Health Profiles)	
Student perceives self as overweight	16
Student has exercised to lose weight or control weight during the last 12 months	16
Student has vomited or used laxatives to lose weight or control weight during the last 12 months**	16 (2 Q's)
Student has used diet pills or speed to lose weight or control weight during the last 12 months	16
Student has fasted or skipped meals to lose weight or control weight during the last 12 months	16
Student has smoked cigarettes to lose weight or control weight during the last 12 months	16
Mental Health (Page B-13 in the 2001 County Health Profiles)	
Low Self Esteem:	
Student disagrees or mostly disagrees with the statement AI usually feel good about myself.@	21
Student agrees or mostly agrees with the statement AI feel that my life is not very useful.@	21
Emotional Distress:	
Student reports that his/her mood has been Avery bad@ or Abad@ during the last 30 days	22
Student responds Aextremely so, to the point where I have just about given up@ to whether he/she has felt during the last 30 days so discouraged or hopeless that he/she wondered if anything was worthwhile	22

* Categories in DCFL MSS Tables need to be added to reproduce results reported in the 2001 County Health Profiles.

**The percentages reported in the 2001 County Health Profiles cannot be reproduced from the DCFL MSS Tables.

Morbidity and Utilization Table 11: 2001 Minnesota Student Survey Crosswalk

Sexual Behaviors that Contribute to Unintended Pregnancy and STD (Page B-14 in the 2001 County Health Profiles)	DCFL MSS 2001 Table #
Student has never had sexual intercourse	42A
Student has had sexual intercourse once or twice	42A
Student has had sexual intercourse three times or more	42A
Sexually active student "always" uses some form of birth control	42B
A condom was used last time sexually active student had intercourse	42B

Sexual Behaviors, cont. (Page B-15 in the 2001 County Health Profiles)	DCFL MSS 2001 Table #
Factors influencing student's choice <i>not</i> to have sexual intercourse:	
One or both of my parents would object	43
I don't want to have sex	43
Most students in my school don't have sex	43
My friends don't have sex	43
I don't think it's right for a person my age to have sex	43
I'm afraid of getting caught	43
Sex education at school has shown me the advantages of waiting until I'm older	43
I don't want to get a sexually transmitted disease	43
Fear of pregnancy^	43
My parents have taught me the advantages of waiting until I'm older	43
I have chosen to wait until I'm married	43

^Variations in wording may affect year to year comparisons.

Morbidity and Utilization Table 11: 2001 Minnesota Student Survey Crosswalk

Potential Protective Factors (Page B-16 in the 2001 County Health Profiles)	DCFL MSS 2001 Table #
Student can talk to father about problems Almost of the time@	9
Student can talk to mother about problems Almost of the time@	9
Student has plans to go to college after high school*	2
Student feels parents care A very much@ about him/her	10
Student feels teachers or other adults at school people care A very much@ about him/her^	11
Student feels church or spiritual leaders care A very much@ about him/her^	11
Student feels friends care A very much@ about him/her	11
Student-s gang involvement:	
Student is not a gang member and student's friends are not gang members	NA in 2001
Student is not a gang member but student's friends are gang members	NA in 2001
Student is a gang member	NA in 2001

^Variations in wording may affect year to year comparisons.

* Categories in DCFL MSS Tables need to be added to reproduce results reported in the 2001 County Health Profiles.

Section E: Chemical Health Tables

County-Level Chemical Health Indicators

Why county-level chemical health indicators?

Chemical health is the behaviors, decisions, and environments around the use of alcohol, tobacco and other drugs. A chemical health indicator measures a condition or behavior that is a precursor to and/or outcome of chemical use. This section focuses on alcohol and tobacco because they are, by far, the drugs of choice in Minnesota and they contribute to many public health problems. This section provides information that can be used to plan effective chemical health promotion strategies and policies.

The data in this section are state and county-level chemical health data. Data for more local geographic levels are not consistently collected or available across the state. Local public health staff and others can work with community organizations (law enforcement, education, faith communities, businesses and others) to see if data are collected in a way that could be used for planning and evaluation.

Why look at a package of indicators?

One indicator cannot capture the whole issue. A package includes several indicators, which, when used together, provide a better picture of an issue. In addition, gathering other data from local sources and using qualitative data from focus groups and community opinion surveys will enhance the use of this package.

What indicators are in the package?

The package focuses on the following areas: impaired driving incidents (DWI), Not a Drop violations and motor vehicle crashes, injuries and fatalities. Previous years' data can be found on the Minnesota Planning website at www.mnplan.state.mn.us/datanetweb/health.html

See the next page for additional chemical health indicators.

Additional Chemical Health Indicators

Adults who report drinking and driving see the **Morbidity and Utilization Table 7a (page D-29)** in the 2002 Minnesota County Health Tables.

The Minnesota Department of Children and Families 2001 Minnesota Student Survey Website, **<http://cfl.state.mn.us/studentsurvey/>** contains information on chemical health and related topics by state and county. The following is a list of tables in the Minnesota Student Survey that are relevant to chemical health.

2001 Minnesota Student Survey

- Table 5: Student use of alcohol or drugs is a problem at this school.
- Table 6: Been offered, sold or given illegal drugs on school property?
- Table 12: Family substance abuse
- Table 15: Received treatment for an alcohol or other drug problem?
- Table 20: Sources of information about alcohol and other drugs?
- Table 27: Annual and daily tobacco use, frequent binge drinking and any alcohol or other drug use.
- Table 28: Various questions about cigarette use.
- Table 29: Cigar and smokeless tobacco use
- Table 30: Access to tobacco
- Table 31: Various questions about alcohol use including binge drinking.
- Table 32: Access to alcohol
- Table 33: Drinking/other drug use and driving/riding
- Table 34: Marijuana, inhalants and prescription drugs
- Table 35: Amphetamines, methamphetamine, cocaine and ecstasy
- Table 36: Hallucinogens, opiates and tranquilizers
- Table 37: Access to other drugs
- Table 38: Substance use patterns
- Table 39: Reasons for substance use
- Table 40: Reasons for substance non-use
- Table 41A & B: Consequences of substance use

Chemical Health Table 1: Minnesota Alcohol-Related Motor Vehicle Crashes by State and County, 1999-2001

	1999			2000			2001			1999-2001 Percent Average Alcohol Related Crashes
	Total Crashes	Alcohol Related Crashes		Total Crashes	Alcohol Related Crashes		Total Crashes	Alcohol Related Crashes		
	Number	Number	Percent	Number	Number	Percent	Number	Number	Percent	
State of Minnesota	96,813	5,723	5.9	103,590	5,750	5.6	98,984	5,384	5.4	5.6
Aitkin	317	28	8.8	327	31	9.5	314	26	8.3	8.9
Anoka	4,920	304	6.2	4,954	303	6.1	4,597	285	6.2	6.2
Becker	377	44	11.7	368	45	12.2	365	38	10.4	11.4
Beltrami	763	64	8.4	847	70	8.3	753	44	5.8	7.5
Benton	620	48	7.7	619	43	6.9	658	39	5.9	6.9
Big Stone	92	7	7.6	86	4	4.7	95	10	10.5	7.7
Blue Earth	1,256	60	4.8	1,452	68	4.7	1,423	61	4.3	4.6
Brown	459	33	7.2	482	23	4.8	481	23	4.8	5.6
Carlton	435	27	6.2	461	36	7.8	385	28	7.3	7.1
Carver	1,084	64	5.9	1,202	73	6.1	1,231	70	5.7	5.9
Cass	443	64	14.4	483	68	14.1	432	56	13.0	13.8
Chippewa	170	18	10.6	176	14	8.0	182	15	8.2	8.9
Chisago	792	65	8.2	878	61	6.9	823	48	5.8	7.0
Clay	952	53	5.6	918	39	4.2	905	48	5.3	5.0
Clearwater	109	15	13.8	121	9	7.4	86	6	7.0	9.5
Cook	136	17	12.5	149	10	6.7	119	11	9.2	9.4
Cottonwood	179	11	6.1	159	16	10.1	169	9	5.3	7.1
Crow Wing	1,220	78	6.4	1,245	77	6.2	1,222	90	7.4	6.6
Dakota	5,453	307	5.6	6,026	313	5.2	5,795	272	4.7	5.2
Dodge	245	18	7.3	304	19	6.3	275	15	5.5	6.3
Douglas	823	49	6.0	907	52	5.7	1,019	48	4.7	5.4
Faribault	183	11	6.0	171	12	7.0	231	19	8.2	7.2
Fillmore	320	24	7.5	325	25	7.7	301	21	7.0	7.4
Freeborn	714	40	5.6	842	44	5.2	822	33	4.0	4.9
Goodhue	1,003	63	6.3	1,106	62	5.6	955	63	6.6	6.1
Grant	93	7	7.5	107	9	8.4	116	7	6.0	7.3
Hennepin	28,296	1,280	4.5	30,819	1,288	4.2	28,515	1,243	4.4	4.3
Houston	327	20	6.1	328	27	8.2	290	26	9.0	7.7
Hubbard	280	29	10.4	275	26	9.5	232	16	6.9	9.0
Isanti	563	35	6.2	596	36	6.0	634	33	5.2	5.8
Itasca	738	89	12.1	728	74	10.2	652	64	9.8	10.7
Jackson	175	14	8.0	202	7	3.5	196	12	6.1	5.8
Kanabec	276	18	6.5	260	24	9.2	232	17	7.3	7.7
Kandiyohi	758	45	5.9	760	39	5.1	776	33	4.3	5.1
Kittson	83	7	8.4	72	5	6.9	79	2	2.5	6.0
Koochiching	172	21	12.2	169	20	11.8	172	20	11.6	11.9
Lac Qui Parle	80	13	16.2	55	6	10.9	67	2	3.0	10.4
Lake	226	17	7.5	242	15	6.2	191	15	7.9	7.1
Lake of the Woods	52	3	5.8	64	11	17.2	35	4	11.4	11.9
Le Sueur	439	37	8.4	505	41	8.1	442	37	8.4	8.3
Lincoln	87	5	5.7	114	4	3.5	101	3	3.0	4.0
Lyon	414	29	7.0	426	22	5.2	408	22	5.4	5.8
McLeod	617	49	7.9	622	31	5.0	677	30	4.4	5.7
Mahnomen	60	14	23.3	73	17	23.3	71	12	16.9	21.1
Marshall	82	6	7.3	84	12	14.3	90	11	12.2	11.3
Martin	363	27	7.4	332	31	9.3	382	20	5.2	7.2
Meeker	265	16	6.0	302	15	5.0	367	18	4.9	5.2
Mille Lacs	383	37	9.7	417	33	7.9	434	26	6.0	7.8

Chemical Health Table 1: Minnesota Alcohol-Related Motor Vehicle Crashes by State and County, 1999-2001

	1999			2000			2001			1999-2001 Percent Average Alcohol Related Crashes
	Total Crashes	Alcohol Related Crashes		Total Crashes	Alcohol Related Crashes		Total Crashes	Alcohol Related Crashes		
	Number	Number	Percent	Number	Number	Percent	Number	Number	Percent	
State of Minnesota	96,813	5,723	5.9	103,590	5,750	5.6	98,984	5,384	5.4	5.6
Morrison	450	54	12.0	500	55	11.0	490	46	9.4	10.8
Mower	608	33	5.4	757	45	5.9	767	45	5.9	5.8
Murray	132	15	11.4	134	7	5.2	140	7	5.0	7.1
Nicollet	482	23	4.8	501	24	4.8	592	28	4.7	4.8
Nobles	418	19	4.5	399	20	5.0	412	15	3.6	4.4
Norman	93	10	10.8	93	10	10.8	94	7	7.4	9.6
Olmsted	2,314	133	5.7	2,484	112	4.5	2,340	97	4.1	4.8
Otter Tail	872	93	10.7	962	69	7.2	1,015	89	8.8	8.8
Pennington	225	10	4.4	219	15	6.8	170	14	8.2	6.4
Pine	528	39	7.4	538	65	12.1	515	40	7.8	9.1
Pipestone	122	5	4.1	120	10	8.3	115	3	2.6	5.0
Polk	465	38	8.2	438	48	11.0	446	35	7.8	9.0
Pope	153	21	13.7	165	13	7.9	148	15	10.1	10.5
Ramsey	13,899	640	4.6	14,894	697	4.7	14,066	681	4.8	4.7
Red Lake	68	10	14.7	50	7	14.0	48	5	10.4	13.3
Redwood	195	20	10.3	199	19	9.5	243	15	6.2	8.5
Renville	231	16	6.9	220	19	8.6	263	18	6.8	7.4
Rice	1,062	50	4.7	1,194	74	6.2	1,141	79	6.9	6.0
Rock	232	11	4.7	236	15	6.4	257	9	3.5	4.8
Roseau	186	11	5.9	164	17	10.4	235	21	8.9	8.4
St. Louis	2,798	264	9.4	2,812	260	9.2	2,512	199	7.9	8.9
Scott	1,437	97	6.8	1,568	83	5.3	1,620	122	7.5	6.5
Sherburne	997	69	6.9	1,180	62	5.3	1,242	66	5.3	5.8
Sibley	240	14	5.8	236	21	8.9	214	10	4.7	6.5
Stearns	2,453	184	7.5	2,541	164	6.5	2,370	161	6.8	6.9
Steele	715	26	3.6	788	42	5.3	800	28	3.5	4.2
Stevens	114	10	8.8	117	7	6.0	120	6	5.0	6.6
Swift	93	9	9.7	97	5	5.2	119	8	6.7	7.1
Todd	385	33	8.6	418	32	7.7	398	29	7.3	7.8
Traverse	33	4	12.1	37	3	8.1	43	4	9.3	9.7
Wabasha	340	37	10.9	347	24	6.9	322	23	7.1	8.3
Wadena	217	22	10.1	216	16	7.4	210	9	4.3	7.3
Waseca	291	25	8.6	315	14	4.4	325	25	7.7	6.9
Washington	3,150	154	4.9	3,346	173	5.2	3,181	165	5.2	5.1
Watonwan	179	6	3.4	166	5	3.0	192	8	4.2	3.5
Wilkin	137	10	7.3	149	10	6.7	140	14	10.0	8.0
Winona	1,066	70	6.6	1,201	69	5.7	1,034	65	6.3	6.2
Wright	1,393	96	6.9	1,464	100	6.8	1,654	107	6.5	6.7
Yellow Medicine	145	12	8.3	165	9	5.5	159	11	6.9	6.8

Source: Minnesota Department of Public Safety

A **crash** is considered alcohol-related if the investigating officer suspects alcohol-involvement for any driver, pedestrian or bicyclist involved in the crash. Crashes are by county of occurrence.

1999-2001 average: The average is determined by adding up all the events that occurred in the three years and then dividing that sum by three.

**Chemical Health Table 2: Minnesota Alcohol-Related Motor Vehicle Injuries
by State and County, 1999-2001**

	1999			2000			2001			Percent Average Alcohol Related Injuries
	Total Injuries	Alcohol Related Injuries		Total Injuries	Alcohol Related Injuries		Total Injuries	Alcohol Related Injuries		
	Number	Number	Percent	Number	Number	Percent	Number	Number	Percent	
State of Minnesota	44,538	4,433	10.0	44,740	4,402	9.8	42,223	4,034	9.7	9.8
Aitkin	139	18	12.9	159	29	18.2	104	16	15.4	15.7
Anoka	2,653	244	9.2	2,611	236	9.0	2,323	221	9.5	9.2
Becker	209	39	18.7	235	51	21.7	222	35	15.8	18.8
Beltrami	354	62	17.5	359	79	22.0	307	47	15.3	18.4
Benton	311	54	17.4	296	38	12.8	330	23	7.0	12.3
Big Stone	40	4	10.0	26	2	7.7	47	10	21.3	14.2
Blue Earth	494	45	9.1	570	46	8.1	506	38	7.5	8.2
Brown	210	26	12.4	235	24	10.2	170	10	5.9	9.8
Carlton	222	19	8.6	232	35	15.1	189	13	6.9	10.4
Carver	479	57	11.9	520	40	7.7	566	76	13.4	11.1
Cass	310	88	28.4	323	86	26.6	268	66	24.6	26.6
Chippewa	99	12	12.1	116	15	12.9	99	13	13.1	12.7
Chisago	389	60	15.4	429	41	9.6	405	46	11.4	12.0
Clay	359	34	9.5	356	29	8.1	360	47	13.1	10.2
Clearwater	59	14	23.7	50	10	20.0	42	4	9.5	18.5
Cook	54	9	16.7	76	10	13.2	45	7	15.6	14.9
Cottonwood	99	5	5.1	78	9	11.5	65	9	13.8	9.5
Crow Wing	616	66	10.7	641	68	10.6	635	87	13.7	11.7
Dakota	2,557	203	7.9	2,552	209	8.2	2,533	172	6.8	7.6
Dodge	118	15	12.7	132	10	7.6	150	14	9.3	9.8
Douglas	316	38	12.0	351	38	10.8	389	38	9.8	10.8
Faribault	95	6	6.3	95	9	9.5	117	12	10.3	8.8
Fillmore	153	17	11.1	136	14	10.3	141	22	15.6	12.3
Freeborn	353	30	8.5	336	33	9.8	267	30	11.2	9.7
Goodhue	445	40	9.0	459	36	7.8	451	48	10.6	9.2
Grant	42	4	9.5	45	6	13.3	47	6	12.8	11.9
Hennepin	12,136	827	6.8	12,267	864	7.0	10,879	784	7.2	7.0
Houston	150	28	18.7	128	22	17.2	109	25	22.9	19.4
Hubbard	173	38	22.0	150	22	14.7	124	17	13.7	17.2
Isanti	293	33	11.3	275	33	12.0	302	25	8.3	10.5
Itasca	407	84	20.6	331	40	12.1	352	58	16.5	16.7
Jackson	89	13	14.6	110	8	7.3	90	14	15.6	12.1
Kanabec	145	16	11.0	158	20	12.7	118	13	11.0	11.6
Kandiyohi	465	35	7.5	369	22	6.0	417	32	7.7	7.1
Kittson	18	7	38.9	24	10	41.7	15	2	13.3	33.3
Koochiching	105	19	18.1	116	13	11.2	110	20	18.2	15.7
Lac Qui Parle	46	9	19.6	32	5	15.6	24	1	4.2	14.7
Lake	98	16	16.3	117	15	12.8	105	19	18.1	15.6
Lake of the Woods	23	7	30.4	24	11	45.8	12	1	8.3	32.2
Le Sueur	198	26	13.1	242	37	15.3	208	31	14.9	14.5
Lincoln	31	3	9.7	28	0	0.0	33	2	6.1	5.4
Lyon	242	27	11.2	206	24	11.7	183	12	6.6	10.0
McLeod	331	35	10.6	285	19	6.7	292	23	7.9	8.5
Mahnomen	57	22	38.6	61	30	49.2	43	14	32.6	41.0
Marshall	39	4	10.3	50	10	20.0	39	11	28.2	19.5
Martin	136	20	14.7	163	27	16.6	178	19	10.7	13.8
Meeker	178	19	10.7	156	7	4.5	216	14	6.5	7.3
Mille Lacs	241	40	16.6	264	36	13.6	294	40	13.6	14.5
Morrison	250	43	17.2	275	47	17.1	247	26	10.5	15.0

Chemical Health Table 2: Minnesota Alcohol-Related Motor Vehicle Injuries by State and County, 1999-2001

	1999			2000			2001			Percent Average Alcohol Related Injuries
	Total Injuries	Alcohol Related Injuries		Total Injuries	Alcohol Related Injuries		Total Injuries	Alcohol Related Injuries		
	Number	Number	Percent	Number	Number	Percent	Number	Number	Percent	
State of Minnesota	44,538	4,433	10.0	44,740	4,402	9.8	42,223	4,034	9.7	9.8
Mower	230	22	9.6	274	26	9.5	301	36	12.0	10.4
Murray	45	8	17.8	56	2	3.6	75	5	6.7	8.5
Nicollet	191	16	8.4	182	13	7.1	231	19	8.2	7.9
Nobles	189	18	9.5	179	12	6.7	154	10	6.5	7.7
Norman	42	5	11.9	36	11	30.6	33	5	15.2	18.9
Olmsted	1,221	111	9.1	1,171	91	7.8	1,222	89	7.3	8.1
Otter Tail	427	75	17.6	416	54	13.0	483	88	18.2	16.4
Pennington	128	8	6.3	136	12	8.8	110	13	11.8	8.8
Pine	274	38	13.9	332	81	24.4	245	36	14.7	18.2
Pipestone	77	2	2.6	57	5	8.8	64	6	9.4	6.6
Polk	233	33	14.2	202	39	19.3	190	23	12.1	15.2
Pope	81	22	27.2	82	14	17.1	49	8	16.3	20.8
Ramsey	5,312	415	7.8	5,218	461	8.8	4,938	438	8.9	8.5
Red Lake	26	7	26.9	18	6	33.3	12	4	33.3	30.4
Redwood	123	26	21.1	119	20	16.8	137	16	11.7	16.4
Renville	150	18	12.0	142	16	11.3	130	6	4.6	9.5
Rice	492	40	8.1	623	76	12.2	531	58	10.9	10.6
Rock	101	10	9.9	75	12	16.0	76	6	7.9	11.1
Roseau	76	11	14.5	79	17	21.5	110	17	15.5	17.0
St. Louis	1,576	251	15.9	1,503	219	14.6	1,389	169	12.2	14.3
Scott	675	76	11.3	824	93	11.3	750	89	11.9	11.5
Sherburne	528	56	10.6	517	48	9.3	626	67	10.7	10.2
Sibley	113	19	16.8	95	14	14.7	101	4	4.0	12.0
Stearns	1,481	162	10.9	1,348	145	10.8	1,232	98	8.0	10.0
Steele	240	19	7.9	257	30	11.7	221	22	10.0	9.9
Stevens	58	10	17.2	48	4	8.3	61	4	6.6	10.8
Swift	61	7	11.5	44	5	11.4	74	3	4.1	8.4
Todd	181	27	14.9	181	23	12.7	175	21	12.0	13.2
Traverse	16	4	25.0	11	2	18.2	23	4	17.4	20.0
Wabasha	178	31	17.4	166	19	11.4	154	23	14.9	14.7
Wadena	116	22	19.0	99	16	16.2	101	8	7.9	14.6
Waseca	134	18	13.4	173	25	14.5	159	16	10.1	12.7
Washington	1,284	111	8.6	1,436	138	9.6	1,400	144	10.3	9.5
Watowan	82	5	6.1	47	3	6.4	70	4	5.7	6.0
Wilkin	60	7	11.7	58	5	8.6	74	12	16.2	12.5
Winona	448	48	10.7	458	37	8.1	418	45	10.8	9.8
Wright	786	87	11.1	743	74	10.0	824	85	10.3	10.5
Yellow Medicine	77	8	10.4	86	9	10.5	90	14	15.6	12.3

Source: Minnesota Department of Public Safety

An **injury** is considered alcohol-related if the investigating officer suspects alcohol-involvement for any driver, pedestrian or bicyclist involved in the crash. Injuries are by county of occurrence.

1999-2001 Average: The average is determined by adding up all the events that occurred in the three years and then dividing that sum by three.

Chemical Health Table 3: Minnesota Alcohol-Related Motor Vehicle Fatalities by State and County, 1999-2001

	1999			2000			2001			1999-2001 Percent Average Alcohol Related Fatalities
	Total Fatalities	Alcohol Related Fatalities		Total Fatalities	Alcohol Related Fatalities		Total Fatalities	Alcohol Related Fatalities		
	Number	Number	Percent	Number	Number	Percent	Number	Number	Percent	
State of Minnesota	626	195	31.2	625	245	39.2	568	211	37.1	35.8
Aitkin	5	2	40.0	5	3	60.0	5	1	20.0	40.0
Anoka	24	8	33.3	23	9	39.1	26	8	30.8	34.2
Becker	9	2	22.2	11	5	45.5	2	2	100.0	40.9
Beltrami	12	5	41.7	8	2	25.0	1	0	0.0	33.3
Benton	7	3	42.9	8	3	37.5	9	2	22.2	33.3
Big Stone	1	0	0.0	1	1	100.0	1	1	100.0	66.7
Blue Earth	5	2	40.0	7	1	14.3	3	1	33.3	26.7
Brown	6	3	50.0	5	3	60.0	0	0	0.0	54.5
Carlton	7	2	28.6	6	1	16.7	3	1	33.3	25.0
Carver	11	2	18.2	11	6	54.5	14	10	71.4	50.0
Cass	7	2	28.6	18	10	55.6	14	10	71.4	56.4
Chippewa	2	0	0.0	1	0	0.0	0	0	0.0	0.0
Chisago	11	6	54.5	9	2	22.2	2	0	0.0	36.4
Clay	10	6	60.0	8	2	25.0	9	3	33.3	40.7
Clearwater	5	4	80.0	3	2	66.7	4	3	75.0	75.0
Cook	2	1	50.0	3	2	66.7	1	0	0.0	50.0
Cottonwood	7	0	0.0	1	1	100.0	2	1	50.0	20.0
Crow Wing	12	4	33.3	17	8	47.1	12	7	58.3	46.3
Dakota	22	5	22.7	35	9	25.7	30	14	46.7	32.2
Dodge	5	3	60.0	4	3	75.0	5	1	20.0	50.0
Douglas	8	2	25.0	6	1	16.7	4	0	0.0	16.7
Faribault	3	0	0.0	2	2	100.0	2	2	100.0	57.1
Fillmore	5	2	40.0	4	2	50.0	1	0	0.0	40.0
Freeborn	6	1	16.7	5	2	40.0	6	2	33.3	29.4
Goodhue	13	4	30.8	7	3	42.9	12	3	25.0	31.3
Grant	2	0	0.0	2	0	0.0	1	1	100.0	20.0
Hennepin	40	13	32.5	51	24	47.1	67	18	26.9	34.8
Houston	1	0	0.0	2	1	50.0	3	1	33.3	33.3
Hubbard	6	2	33.3	3	0	0.0	10	4	40.0	31.6
Isanti	5	3	60.0	4	1	25.0	4	0	0.0	30.8
Itasca	6	5	83.3	11	6	54.5	10	7	70.0	66.7
Jackson	4	1	25.0	3	1	33.3	1	0	0.0	25.0
Kanabec	5	0	0.0	7	4	57.1	5	1	20.0	29.4
Kandiyohi	12	1	8.3	7	2	28.6	6	0	0.0	12.0
Kittson	1	1	100.0	1	0	0.0	1	0	0.0	33.3
Koochiching	1	0	0.0	1	0	0.0	4	2	50.0	33.3
Lac Qui Parle	3	2	66.7	1	0	0.0	1	0	0.0	40.0
Lake	1	0	0.0	5	2	40.0	1	0	0.0	28.6
Lake of the Woods	3	1	33.3	1	1	100.0	1	0	0.0	40.0
Le Sueur	3	2	66.7	4	2	50.0	10	4	40.0	47.1
Lincoln	3	0	0.0	3	1	33.3	1	0	0.0	14.3
Lyon	8	4	50.0	3	0	0.0	5	1	20.0	31.3
McLeod	12	5	41.7	3	1	33.3	2	0	0.0	35.3
Mahnomen	4	4	100.0	6	5	83.3	1	1	100.0	90.9

Chemical Health Table 3: Minnesota Alcohol-Related Motor Vehicle Fatalities by State and County, 1999-2001

	1999			2000			2001			1999-2001 Percent Average Alcohol Related Fatalities
	Total Fatalities	Alcohol Related Fatalities		Total Fatalities	Alcohol Related Fatalities		Total Fatalities	Alcohol Related Fatalities		
	Number	Number	Percent	Number	Number	Percent	Number	Number	Percent	
State of Minnesota	626	195	31.2	625	245	39.2	568	211	37.1	35.8
Marshall	1	1	100.0	2	1	50.0	3	3	100.0	83.3
Martin	2	2	100.0	2	1	50.0	6	1	16.7	40.0
Meeker	7	1	14.3	7	1	14.3	3	2	66.7	23.5
Mille Lacs	7	2	28.6	3	1	33.3	6	2	33.3	31.3
Morrison	7	2	28.6	13	6	46.2	7	1	14.3	33.3
Mower	5	1	20.0	7	1	14.3	2	1	50.0	21.4
Murray	2	0	0.0	1	1	100.0	1	1	100.0	50.0
Nicollet	3	0	0.0	1	0	0.0	7	1	14.3	9.1
Nobles	4	1	25.0	3	3	100.0	6	1	16.7	38.5
Norman	1	0	0.0	2	0	0.0	2	0	0.0	0.0
Olmsted	24	6	25.0	25	7	28.0	12	3	25.0	26.2
Otter Tail	13	8	61.5	18	9	50.0	14	8	57.1	55.6
Pennington	1	0	0.0	5	3	60.0	1	0	0.0	42.9
Pine	10	3	30.0	4	4	100.0	7	1	14.3	38.1
Pipestone	3	0	0.0	3	3	100.0	1	0	0.0	42.9
Polk	6	0	0.0	3	2	66.7	4	2	50.0	30.8
Pope	2	1	50.0	0	0	0.0	3	2	66.7	60.0
Ramsey	30	8	26.7	33	9	27.3	27	13	48.1	33.3
Red Lake	5	5	100.0	1	0	0.0	0	0	0.0	83.3
Redwood	6	2	33.3	3	0	0.0	3	1	33.3	25.0
Renville	1	0	0.0	11	2	18.2	1	1	100.0	23.1
Rice	8	1	12.5	20	11	55.0	13	5	38.5	41.5
Rock	2	0	0.0	4	4	100.0	2	0	0.0	50.0
Roseau	3	0	0.0	6	3	50.0	6	2	33.3	33.3
St. Louis	24	8	33.3	26	16	61.5	27	12	44.4	46.8
Scott	13	7	53.8	11	2	18.2	15	8	53.3	43.6
Sherburne	7	0	0.0	4	1	25.0	10	1	10.0	9.5
Sibley	1	0	0.0	9	0	0.0	1	0	0.0	0.0
Stearns	19	4	21.1	17	4	23.5	19	9	47.4	30.9
Steele	8	1	12.5	4	2	50.0	2	0	0.0	21.4
Stevens	1	1	100.0	0	0	0.0	0	0	0.0	100.0
Swift	2	1	50.0	1	0	0.0	3	2	66.7	50.0
Todd	8	1	12.5	6	1	16.7	5	3	60.0	26.3
Traverse	0	0	0.0	0	0	0.0	1	1	100.0	100.0
Wabasha	9	3	33.3	4	3	75.0	5	0	0.0	33.3
Wadena	2	0	0.0	3	1	33.3	5	1	20.0	20.0
Waseca	3	1	33.3	2	1	50.0	2	0	0.0	28.6
Washington	11	3	27.3	16	2	12.5	13	5	38.5	25.0
Watonwan	1	0	0.0	0	0	0.0	1	1	100.0	50.0
Wilkin	1	0	0.0	1	0	0.0	3	0	0.0	0.0
Winona	16	5	31.3	6	1	16.7	8	2	25.0	26.7
Wright	16	2	12.5	8	4	50.0	8	3	37.5	28.1
Yellow Medicine	6	1	16.7	4	1	25.0	1	0	0.0	18.2

Source: Minnesota Department of Public Safety

A **fatality** is considered alcohol-related if the investigating officer suspects alcohol-involvement for any driver, pedestrian or bicyclist involved in the crash. Fatalities are by county of occurrence.

1999-2001 Average: The average is determined by adding up all the events that occurred in the three years and then dividing that sum by three

Chemical Table 4: Minnesota Driving While Impaired Violations - Number & Rate per 10,000 Population by State and County of Occurrence, 1997-2001

	1997		1998		1999		2000		2001		1997-2001
	Number	Rate	Rate								
State of Minnesota*	30,905	66.0	32,172	68.1	34,096	71.4	34,971	71.1	33,305	67.0	68.7
Aitkin	108	77.9	188	132.8	173	121.0	219	143.1	229	148.6	125.6
Anoka	1,504	52.5	1,659	56.8	2,060	68.9	2,173	72.9	1,855	60.7	62.4
Becker	324	110.8	349	118.8	400	134.4	540	180.0	415	135.9	136.2
Beltrami	292	75.4	336	86.8	332	84.7	381	96.1	398	98.5	88.4
Benton	177	52.6	174	51.0	261	74.9	265	77.4	246	69.5	65.2
Big Stone	20	35.2	23	40.7	16	**	15	**	31	54.0	36.9
Blue Earth	461	85.3	502	93.4	453	84.1	551	98.5	595	106.4	93.7
Brown	119	43.7	104	38.5	148	55.0	168	62.4	135	50.5	50.0
Carlton	282	91.9	263	85.3	238	75.6	270	85.3	293	91.3	85.9
Carver	271	42.9	312	48.2	280	41.8	256	36.5	303	41.3	42.0
Cass	172	66.8	220	83.1	263	97.3	250	92.1	232	83.9	84.8
Chippewa	29	22.3	46	35.2	71	54.5	68	52.0	79	61.0	45.0
Chisago	305	77.3	318	77.8	332	78.5	311	75.7	362	83.3	78.6
Clay	501	96.7	552	107.0	530	102.5	607	118.5	537	104.1	105.7
Clearwater	101	123.2	132	159.3	146	179.2	100	118.7	86	102.3	136.3
Cook	38	80.2	64	133.6	70	146.7	73	141.3	72	139.3	128.6
Cottonwood	46	37.5	41	34.0	58	48.7	53	43.6	39	32.6	39.3
Crow Wing	497	97.3	520	100.6	460	87.4	520	94.4	465	82.6	92.3
Dakota	2,281	68.2	2,636	77.0	2,529	72.4	2,632	74.0	2,751	75.6	73.5
Dodge	71	41.8	79	45.9	87	50.0	120	67.7	169	92.7	60.1
Douglas	207	67.4	184	59.3	216	69.1	254	77.4	249	74.6	69.7
Faribault	70	42.6	107	65.9	106	65.2	108	66.7	96	60.0	60.1
Fillmore	129	62.4	123	59.2	121	58.5	142	67.2	143	67.1	62.9
Freeborn	267	84.6	293	92.8	300	95.2	285	87.5	299	92.6	90.5
Goodhue	311	72.8	232	53.8	301	69.4	348	78.9	345	77.3	70.5
Grant	23	37.5	29	46.9	29	47.7	27	42.9	22	35.3	42.0
Hennepin	7,318	69.5	7,129	67.3	7,286	68.5	6,843	61.3	6,429	57.7	64.7
Houston	112	58.2	103	53.5	172	88.3	179	90.8	207	103.8	79.2
Hubbard	94	56.1	113	66.7	155	91.0	154	83.8	118	64.0	72.4
Isanti	188	63.6	177	58.8	260	84.2	194	62.0	168	51.3	63.8
Itasca	323	74.2	319	72.7	348	78.8	367	83.4	288	65.4	74.9
Jackson	50	42.7	48	41.6	59	51.9	70	62.1	62	55.6	50.7
Kanabec	91	64.8	84	59.3	105	72.8	170	113.4	109	71.0	76.6
Kandiyohi	279	67.9	225	54.8	265	64.9	273	66.3	272	66.2	64.0
Kittson	20	37.3	33	62.0	32	61.8	21	39.7	11	**	44.5
Koochiching	95	60.6	126	81.1	122	81.9	106	73.8	83	58.6	71.3
Lac Qui Parle	14	**	10	**	25	32.0	33	40.9	18	**	25.0
Lake	53	49.5	48	45.4	56	52.0	66	59.7	41	37.0	48.7
Lake of the Woods	18	**	27	59.2	51	110.4	30	66.3	30	67.5	68.8
Le Sueur	116	46.6	108	42.7	139	54.6	174	68.4	142	55.2	53.5
Lincoln	14	**	36	55.7	21	32.7	11	**	10	**	28.6
Lyon	169	68.9	158	64.9	213	87.8	185	72.8	231	91.6	77.2
McLeod	338	100.3	267	78.5	285	82.5	265	75.9	272	77.0	82.7
Mahnomen	136	267.2	136	267.9	150	294.6	120	231.2	119	228.2	257.6
Marshall	27	25.7	33	32.0	30	29.7	32	31.5	34	33.9	30.5
Martin	125	56.2	130	59.1	127	58.3	149	68.3	132	61.3	60.6
Meeker	143	66.4	159	73.2	168	77.2	131	57.9	89	39.0	62.4
Mille Lacs	242	117.1	254	120.7	305	142.9	409	183.2	347	150.6	143.6
Morrison	202	66.2	212	69.4	208	68.1	248	78.2	220	68.3	70.1
Mower	224	60.3	303	81.8	387	104.2	376	97.4	357	92.4	87.3
Murray	60	63.0	67	70.4	42	44.1	30	32.7	35	38.9	50.1
Nicollet	176	58.6	176	59.5	200	68.3	264	88.7	304	101.0	75.3

Chemical Table 4: Minnesota Driving While Impaired Violations - Number & Rate per 10,000 Population by State and County of Occurrence, 1997-2001

	1997		1998		1999		2000		2001		1997-2001
	Number	Rate	Rate								
State of Minnesota*	30,905	66.0	32,172	68.1	34,096	71.4	34,971	71.1	33,305	67.0	68.7
Nobles	162	82.1	142	73.5	150	78.5	185	88.8	150	72.6	79.2
Norman	28	36.3	41	54.4	45	59.9	25	33.6	26	35.3	43.9
Olmsted	560	48.9	668	57.2	824	69.2	849	68.3	815	64.5	61.8
Otter Tail	290	53.5	264	48.1	345	62.1	321	56.2	339	58.7	55.7
Pennington	125	92.3	98	72.3	102	75.2	116	85.4	115	85.5	82.1
Pine	320	135.7	244	102.0	195	79.2	249	93.9	281	103.7	102.5
Pipestone	59	58.5	89	88.2	59	59.0	74	74.8	71	72.0	70.5
Polk	296	92.2	340	109.8	324	105.2	315	100.4	309	99.2	101.3
Pope	50	45.9	44	40.4	83	76.2	80	71.2	93	82.9	63.5
Ramsey	2,707	55.9	2,794	57.5	2,620	53.9	2,864	56.0	2,830	55.6	55.8
Red Lake	23	52.9	22	51.5	36	85.7	36	83.7	45	104.8	75.7
Redwood	68	40.8	81	49.1	84	51.2	77	45.8	69	41.6	45.7
Renville	113	66.2	106	62.6	115	68.4	87	50.7	85	50.1	59.6
Rice	395	73.7	429	79.3	460	83.7	532	93.9	447	77.5	81.7
Rock	34	34.4	31	31.8	38	39.5	45	46.3	24	24.7	35.3
Roseau	92	56.4	99	61.4	88	54.7	129	79.0	109	67.4	63.8
St. Louis	1,319	67.6	1,437	74.3	1,638	84.7	1,661	82.8	1,457	73.0	76.5
Scott	526	69.1	593	75.0	757	91.2	699	78.1	740	75.4	77.9
Sherburne	382	66.0	419	69.4	442	69.8	470	73.0	368	53.6	66.1
Sibley	108	74.1	116	79.6	122	82.6	109	71.0	133	86.5	78.8
Stearns	826	64.8	756	59.0	767	59.0	1,026	77.0	875	65.1	65.0
Steele	212	67.2	213	67.1	277	86.4	248	73.6	216	63.3	71.5
Stevens	36	35.5	28	27.6	29	29.1	40	39.8	31	31.5	32.7
Swift	69	63.7	83	76.8	59	52.0	48	40.1	54	46.4	55.3
Todd	185	77.2	184	76.6	149	61.5	159	65.1	142	57.8	67.6
Traverse	17	**	27	63.6	17	**	24	58.1	34	85.0	57.1
Wabasha	159	76.6	159	75.9	201	95.1	215	99.5	149	68.6	83.2
Wadena	84	64.8	83	63.1	87	65.7	82	59.8	88	64.5	63.6
Waseca	129	71.0	105	57.8	148	79.7	115	58.9	127	65.1	66.4
Washington	1,347	70.3	1,475	75.1	1,449	71.5	1,336	66.4	1,376	66.3	69.9
Watonwan	95	80.9	87	75.9	66	57.2	52	43.8	94	79.8	67.4
Wilkin	59	80.1	29	39.7	69	94.7	66	92.5	80	113.7	83.8
Winona	303	62.8	325	67.6	402	84.1	384	76.8	330	66.5	71.6
Wright	410	49.3	503	59.1	560	63.7	522	58.0	542	57.2	57.5
Yellow Medicine	84	72.6	91	79.7	98	86.6	95	85.7	87	79.9	80.9

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 DWI violations that occurred **WITHIN** that county/state each year.

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

Chemical Health Table 5: Minnesota Driving While Impaired Violations - Number & Rate per 10,000 population by State and County of Residence, 1997-2001

	1997		1998		1999		2000		2001		1997-2001
	Number	Rate	Rate								
State of Minnesota*	31,178	66.5	32,172	68.1	34,096	71.4	34,971	71.1	33,305	67.0	68.8
Aitkin	106	76.4	125	88.3	122	85.4	136	88.9	133	86.3	85.2
Anoka	1,809	63.1	1,880	64.3	2,275	76.1	2,286	76.7	1,967	64.3	69.0
Becker	256	87.6	313	106.5	339	113.9	402	134.0	325	106.4	109.8
Beltrami	280	72.3	345	89.1	319	81.4	372	93.8	374	92.6	85.9
Benton	222	65.9	205	60.1	226	64.9	289	84.4	231	65.2	68.1
Big Stone	17	**	19	**	20	35.9	19	**	23	40.1	34.4
Blue Earth	361	66.8	385	71.6	402	74.6	426	76.2	464	83.0	74.5
Brown	130	47.8	119	44.0	161	59.8	169	62.8	140	52.4	53.3
Carlton	243	79.2	199	64.6	211	67.0	229	72.3	235	73.3	71.3
Carver	311	49.2	380	58.8	369	55.1	339	48.3	365	49.7	52.1
Cass	182	70.7	212	80.1	258	95.4	237	87.3	246	89.0	84.7
Chippewa	56	43.0	61	46.7	79	60.6	83	63.4	72	55.6	53.9
Chisago	327	82.9	276	67.6	291	68.8	303	73.7	310	71.3	72.7
Clay	270	52.1	336	65.1	316	61.1	336	65.6	311	60.3	60.8
Clearwater	99	120.7	114	137.6	111	136.3	82	97.4	81	96.3	117.4
Cook	27	57.0	48	100.2	39	81.7	35	67.7	48	92.8	79.9
Cottonwood	50	40.8	43	35.7	66	55.4	59	48.5	50	41.8	44.4
Crow Wing	411	80.4	418	80.9	380	72.2	418	75.9	399	70.8	75.9
Dakota	2,132	63.7	2,331	68.1	2,410	69.0	2,332	65.5	2,395	65.8	66.4
Dodge	101	59.4	106	61.6	127	73.0	140	79.0	173	94.9	73.9
Douglas	166	54.0	160	51.5	194	62.0	213	64.9	199	59.6	58.5
Faribault	76	46.3	112	68.9	107	65.9	119	73.5	97	60.7	63.0
Fillmore	96	46.4	110	52.9	115	55.6	135	63.9	126	59.2	55.6
Freeborn	221	70.0	234	74.1	244	77.5	242	74.3	233	72.1	73.6
Goodhue	261	61.1	226	52.4	304	70.1	306	69.3	313	70.1	64.7
Grant	24	39.1	36	58.3	37	60.9	37	58.8	30	48.1	53.0
Hennepin	7,112	67.5	6,944	65.5	7,159	67.3	6,994	62.7	6,717	60.2	64.6
Houston	92	47.8	90	46.7	118	60.5	129	65.4	144	72.2	58.7
Hubbard	101	60.3	111	65.5	118	69.3	147	80.0	104	56.4	66.4
Isanti	183	61.9	215	71.4	228	73.8	222	71.0	206	62.9	68.2
Itasca	317	72.8	305	69.5	353	79.9	351	79.8	284	64.5	73.3
Jackson	48	41.0	43	37.3	41	36.0	60	53.2	56	50.2	43.5
Kanabec	103	73.4	85	60.0	90	62.4	136	90.7	108	70.4	71.5
Kandiyohi	262	63.8	242	58.9	269	65.9	266	64.6	250	60.8	62.8
Kittson	20	37.3	25	47.0	30	58.0	21	39.7	12	**	41.1
Koochiching	83	52.9	108	69.5	121	81.2	110	76.6	82	57.9	67.5
Lac Qui Parle	24	29.6	25	31.2	28	35.8	40	49.6	34	42.9	37.8
Lake	53	49.5	50	47.3	57	52.9	62	56.1	48	43.3	49.8
Lake of the Woods	24	52.9	25	54.8	30	64.9	27	59.7	28	63.0	59.1
Le Sueur	171	68.7	156	61.6	198	77.8	206	81.0	189	73.5	72.5
Lincoln	25	38.2	29	44.9	20	31.1	20	31.1	15	**	33.9
Lyon	128	52.2	156	64.1	175	72.1	147	57.8	183	72.5	63.7
McLeod	281	83.4	204	60.0	239	69.2	256	73.4	240	67.9	70.7
Mahnomen	85	167.0	82	161.5	108	212.1	95	183.0	88	168.7	178.5
Marshall	41	39.0	55	53.3	57	56.5	53	52.2	55	54.9	51.1
Martin	115	51.7	126	57.3	140	64.2	151	69.3	110	51.1	58.7
Meeker	134	62.3	120	55.2	138	63.4	121	53.4	101	44.2	55.6
Mille Lacs	178	86.1	186	88.4	208	97.4	271	121.4	230	99.8	99.0
Morrison	195	63.9	211	69.1	193	63.2	205	64.6	204	63.3	64.8
Mower	213	57.4	270	72.9	334	89.9	333	86.3	343	88.8	79.2
Murray	39	40.9	45	47.3	42	44.1	31	33.8	39	43.3	41.9

Chemical Health Table 5: Minnesota Driving While Impaired Violations - Number & Rate per 10,000 population by State and County of Residence, 1997-2001

	1997		1998		1999		2000		2001		1997-2001
	Number	Rate	Rate								
State of Minnesota*	31,178	66.5	32,172	68.1	34,096	71.4	34,971	71.1	33,305	67.0	68.8
Nicollet	140	46.6	167	56.4	153	52.3	187	62.8	224	74.4	58.5
Nobles	129	65.4	111	57.5	137	71.7	151	72.5	128	62.0	65.8
Norman	36	46.7	42	55.7	51	67.8	37	49.7	39	53.0	54.6
Olmsted	615	53.7	670	57.4	767	64.4	851	68.5	794	62.9	61.5
Otter Tail	298	55.0	256	46.6	357	64.2	362	63.3	319	55.2	56.9
Pennington	113	83.4	91	67.1	85	62.7	108	79.5	94	69.9	72.5
Pine	221	93.7	190	79.4	173	70.3	223	84.1	230	84.9	82.5
Pipestone	40	39.7	58	57.5	46	46.0	53	53.6	54	54.7	50.3
Polk	238	74.2	246	79.5	232	75.4	241	76.8	238	76.4	76.4
Pope	46	42.2	52	47.8	58	53.3	75	66.7	80	71.3	56.4
Ramsey	3,027	62.5	3,254	67.0	2,939	60.4	3,154	61.7	3,080	60.6	62.4
Red Lake	27	62.2	23	53.9	31	73.8	26	60.5	33	76.8	65.4
Redwood	85	51.0	88	53.4	85	51.8	72	42.8	87	52.4	50.3
Renville	119	69.7	110	65.0	130	77.3	117	68.2	106	62.5	68.5
Rice	384	71.7	403	74.5	423	76.9	486	85.8	441	76.5	77.1
Rock	21	21.2	26	26.7	23	23.9	34	35.0	24	24.7	26.3
Roseau	74	45.4	87	54.0	106	65.9	115	70.4	99	61.2	59.4
St. Louis	1,296	66.5	1,413	73.0	1,525	78.8	1,521	75.8	1,364	68.4	72.5
Scott	521	68.5	506	64.0	617	74.3	593	66.3	624	63.6	67.2
Sherburne	329	56.9	358	59.3	392	61.9	433	67.2	384	56.0	60.3
Sibley	106	72.7	114	78.2	130	88.0	103	67.1	126	81.9	77.5
Stearns	758	59.4	735	57.4	789	60.7	985	74.0	843	62.7	62.9
Steele	189	59.9	209	65.9	300	93.6	270	80.2	229	67.1	73.4
Stevens	30	29.6	26	25.7	28	28.1	33	32.8	31	31.5	29.5
Swift	68	62.8	77	71.3	59	52.0	64	53.5	52	44.7	56.6
Todd	158	65.9	154	64.1	144	59.4	170	69.6	163	66.3	65.1
Traverse	13	**	18	**	15	**	17	**	22	55.0	40.8
Wabasha	110	53.0	124	59.2	170	80.4	169	78.2	136	62.6	66.8
Wadena	69	53.3	88	66.9	76	57.4	78	56.9	86	63.0	59.5
Waseca	131	72.1	105	57.8	130	70.0	112	57.4	139	71.3	65.7
Washington	1,015	53.0	1,030	52.4	1,049	51.8	1,121	55.7	1,138	54.8	53.6
Watonwan	88	74.9	94	82.0	76	65.8	61	51.4	96	81.5	71.0
Wilkin	45	61.1	23	31.5	43	59.0	33	46.2	45	64.0	52.3
Winona	227	47.0	261	54.3	314	65.7	297	59.4	255	51.4	55.6
Wright	522	62.8	574	67.4	609	69.3	604	67.1	591	62.3	65.8
Yellow Medicine	48	41.5	56	49.1	77	68.1	77	69.5	67	61.6	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 impaired violations by county of residence.

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

Chemical Table 6: Minnesota "Not a Drop" Violations - Number & Rate per 10,000 population by State and County of Occurrence, 1997-2001

	1997		1998		1999		2000		2001		1997-2001
	Number	Rate	Rate								
State of Minnesota	2,731	5.8	3,045	6.4	3,116	6.5	3,451	7.0	3,097	6.2	6.4
Aitkin	5	*	13	*	11	*	10	*	13	*	7.1
Anoka	113	3.9	135	4.6	215	7.2	218	7.3	213	7.0	6.0
Becker	38	13.0	65	22.1	33	11.1	53	17.7	65	21.3	17.1
Beltrami	36	9.3	35	9.0	14	*	26	6.6	32	7.9	7.3
Benton	5	*	7	*	17	*	24	7.0	20	5.6	4.2
Big Stone	5	*	12	*	11	*	8	*	15	*	17.9
Blue Earth	76	14.1	93	17.3	58	10.8	115	20.6	97	17.4	16.0
Brown	41	15.1	35	12.9	27	10.0	36	13.4	48	18.0	13.9
Carlton	24	7.8	32	10.4	23	7.3	19	*	14	*	7.1
Carver	23	3.6	36	5.6	30	4.5	43	6.1	34	4.6	4.9
Cass	10	*	11	*	8	*	6	*	11	*	3.4
Chippewa	11	*	5	*	8	*	14	*	17	*	8.4
Chisago	21	5.3	28	6.9	35	8.3	18	*	25	5.8	6.1
Clay	51	9.8	84	16.3	99	19.1	80	15.6	100	19.4	16.0
Clearwater	18	*	14	*	11	*	12	*	8	*	15.2
Cook	2	*	4	*	6	*	5	*	5	*	8.9
Cottonwood	5	*	3	*	8	*	11	*	8	*	5.8
Crow Wing	65	12.7	71	13.7	25	4.8	23	4.2	32	5.7	8.1
Dakota	123	3.7	140	4.1	157	4.5	189	5.3	168	4.6	4.5
Dodge	13	*	19	*	21	12.1	23	13.0	12	*	10.0
Douglas	40	13.0	41	13.2	48	15.3	26	7.9	36	10.8	12.0
Faribault	18	*	24	14.8	17	*	20	12.4	11	*	11.1
Fillmore	52	25.1	37	17.8	41	19.8	33	15.6	32	15.0	18.6
Freeborn	36	11.4	32	10.1	32	10.2	25	7.7	26	8.0	9.5
Goodhue	42	9.8	23	5.3	46	10.6	44	10.0	46	10.3	9.2
Grant	16	*	5	*	3	*	5	*	5	*	11.0
Hennepin	182	1.7	222	2.1	260	2.4	316	2.8	296	2.7	2.4
Houston	8	*	21	10.9	19	*	28	14.2	30	15.0	10.9
Hubbard	0	*	3	*	2	*	15	*	3	*	2.6
Isanti	6	*	18	*	17	*	18	*	17	*	4.9
Itasca	30	6.9	30	6.8	42	9.5	34	7.7	30	6.8	7.6
Jackson	8	*	8	*	14	*	12	*	14	*	9.8
Kanabec	9	*	13	*	18	*	18	*	11	*	9.5
Kandiyohi	63	15.3	36	8.8	55	13.5	56	13.6	38	9.2	12.1
Kittson	11	*	6	*	5	*	4	*	4	*	11.4
Koochiching	9	*	18	*	11	*	18	*	9	*	8.7
Lac Qui Parle	2	*	8	*	6	*	4	*	2	*	5.5
Lake	10	*	2	*	2	*	4	*	7	*	4.6
Lake of the Woods	4	*	3	*	2	*	3	*	1	*	*
Le Sueur	27	10.8	17	*	15	*	15	*	19	*	7.3
Lincoln	6	*	7	*	10	*	0	0.0	3	*	8.1
Lyon	50	20.4	29	11.9	44	18.1	57	22.4	37	14.7	17.5
McLeod	60	17.8	37	10.9	36	10.4	55	15.8	39	11.0	13.2
Mahnomen	3	*	5	*	5	*	3	*	4	*	7.8
Marshall	5	*	0	*	5	*	4	*	4	*	*
Martin	35	15.7	20	9.1	13	*	24	11.0	26	12.1	10.8
Meeker	34	15.8	19	*	25	11.5	22	9.7	13	*	10.2
Mille Lacs	27	13.1	20	9.5	19	*	38	17.0	18	*	11.3
Morrison	21	6.9	31	10.1	29	9.5	24	7.6	29	9.0	8.6
Mower	24	6.5	33	8.9	29	7.8	33	8.5	21	5.4	7.4
Murray	6	*	13	*	10	*	1	*	10	*	8.6

Chemical Table 6: Minnesota "Not a Drop" Violations - Number & Rate per 10,000 population by State and County of Occurrence, 1997-2001

	1997		1998		1999		2000		2001		1997-2001
	Number	Rate	Rate								
State of Minnesota	2,731	5.8	3,045	6.4	3,116	6.5	3,451	7.0	3,097	6.2	6.4
Nicollet	30	10.0	34	11.5	33	11.3	32	10.7	28	9.3	10.6
Nobles	32	16.2	30	15.5	30	15.7	39	18.7	24	11.6	15.6
Norman	6	*	12	*	25	33.3	16	*	32	43.5	24.2
Olmsted	96	8.4	97	8.3	84	7.1	112	9.0	98	7.8	8.1
Otter Tail	49	9.0	70	12.7	87	15.7	85	14.9	53	9.2	12.3
Pennington	17	*	17	*	11	*	12	*	9	*	9.7
Pine	19	*	27	11.3	23	9.3	25	9.4	19	*	9.0
Pipestone	6	*	8	*	13	*	10	*	10	*	9.4
Polk	57	17.8	70	22.6	53	17.2	71	22.6	39	12.5	18.5
Pope	7	*	6	*	9	*	6	*	10	*	6.9
Ramsey	86	1.8	127	2.6	108	2.2	139	2.7	144	2.8	2.4
Red Lake	1	*	13	*	19	*	22	51.2	12	*	31.3
Redwood	11	*	7	*	11	*	16	*	15	*	7.2
Renville	13	*	14	*	11	*	10	*	7	*	6.5
Rice	46	8.6	39	7.2	52	9.5	61	10.8	48	8.3	8.9
Rock	13	*	9	*	10	*	7	*	5	*	9.0
Roseau	20	12.3	15	*	6	*	11	*	17	*	8.5
St. Louis	78	4.0	107	5.5	127	6.6	137	6.8	127	6.4	5.9
Scott	40	5.3	37	4.7	71	8.6	79	8.8	71	7.2	7.0
Sherburne	58	10.0	55	9.1	55	8.7	63	9.8	40	5.8	8.6
Sibley	32	22.0	32	22.0	21	14.2	22	14.3	16	*	16.5
Stearns	156	12.2	157	12.3	163	12.5	162	12.2	131	9.7	11.8
Steele	23	7.3	32	10.1	27	8.4	32	9.5	23	6.7	8.4
Stevens	11	*	13	*	14	*	10	*	7	*	11.0
Swift	12	*	6	*	12	*	6	*	8	*	7.8
Todd	35	14.6	48	20.0	26	10.7	23	9.4	37	15.1	13.9
Traverse	6	*	9	*	5	*	9	*	6	*	16.8
Wabasha	24	11.6	39	18.6	30	14.2	40	18.5	18	*	14.2
Wadena	10	*	17	*	20	15.1	21	15.3	14	*	12.3
Waseca	18	*	18	*	25	13.5	25	12.8	21	10.8	11.4
Washington	80	4.2	108	5.5	100	4.9	85	4.2	85	4.1	4.6
Watsonwan	10	*	17	*	11	*	24	20.2	22	18.7	14.4
Wilkin	11	*	17	*	15	*	25	35.0	13	*	22.4
Winona	21	4.4	39	8.1	51	10.7	57	11.4	49	9.9	8.9
Wright	42	5.1	57	6.7	46	5.2	55	6.1	43	4.5	5.5
Yellow Medicine	26	22.5	19	*	15	*	10	*	18	*	15.6

Source: Minnesota Department of Public Safety

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

“Not a Drop” Violation: A person under the age of 21 found to be driving with any level of alcohol concentration (e.g., .01 percent or higher) shall have his or her license revoked by the Commissioner of Public Safety.

County Number: The number of Not a Drop violations that in occurred in the county/state for each year.

Rate: The number of Not a Drop violations per 10,000 population in the county/state.

1997-2001 average: The middle or typical value over 5 years.

Notes about the Chemical Health Indicators

IMPAIRED DRIVING INCIDENTS

Minnesota Motor Vehicle Crash Facts

This category includes data about motor vehicle crashes and violations related to alcohol. The violations' indicators includes violations for both failing and also refusing to take (implied consent law) a test for blood alcohol content. A "not-a-drop" violation refers to a violation of Minnesota Statute 169.1218, which provides that a person under the age of 21 found to be driving with any level of alcohol concentration (e.g., .01 or .02 percent and higher) shall have his or her license revoked by the Commissioner of Public Safety.

These indicators include both local law enforcement and State Patrol reports.

Source:

Minnesota Department of Public Safety, 651/296-9489.

Limitations:

Under-reporting

Law enforcement officers at a crash or arrest site may not realize and thus not report that alcohol or other drugs were involved.

Lack of Standard Reporting

The number of reports of alcohol-related crashes or driving while impaired violations are affected by the inconsistency of enforcement of the laws by local law enforcement officials. One community may be very strict in enforcement, or receive specific funds for specific enforcement, while another community may be more lenient.

Section F: Environmental Health Tables

Blood Lead, 2000

Lead poisoning is a significant, preventable environmental health problem among children in the United States. Lead poisoning can cause learning, behavior, and health problems in young children. In adults, lead can cause high blood pressure, kidney damage, and damage to the reproductive organs. Exposure pathways include deteriorating lead paint; soil and dust; drinking water; “take-home lead” by way of parental occupations and hobbies; air; food; and possibly “traditional” medicines.

The Minnesota Department of Health (MDH) maintains an extensive blood lead surveillance system for the purpose of monitoring trends in blood lead levels in Minnesota. Independent laboratories and/or hospitals report blood lead analyses to the MDH. The data are used to help ensure that screening services are provided to high risk groups and that environmental and medical follow-up is provided to children with elevated blood lead levels. Lead program staff advise local health departments of elevated venous blood lead levels that require follow up. Health care providers and public health agencies educate families of children with blood lead levels of 10 micrograms of lead per deciliter of blood ($\mu\text{g}/\text{dL}$) or greater about the hazards of lead. Homes of children and pregnant women with venous blood lead levels of 20 $\mu\text{g}/\text{dL}$ or greater, or with levels of 15-19 $\mu\text{g}/\text{dL}$ that persist for 90 days, are inspected for lead hazards so that homes can be made lead safe and blood lead levels can be reduced.

In addition, MDH has developed guidelines for case management and clinical treatment in collaboration with local partners and physicians. The case management guidelines are targeted to local public health agencies and others who provide services to provide information on recommended activities related to elevated childhood lead cases. The clinical guidelines provide recommended treatment information to physicians who may not deal with many lead cases in their practice. This information, as well as other information on childhood lead poisoning, may be found at the MDH website at: www.health.state.mn.us/divs/eh/lead.

The results in **Environmental Health Table 1** represent submitted reports of blood lead tests of Minnesota children aged 0-72 months between January 1, 2001 and December 31, 2001. Some results of Minnesota patients tested in 2001 may not have been reported to the MDH. The table below shows the numbers of children 0-72 months of age tested in 2001 according to blood lead level.

For more information contact the Environmental Impacts Analysis Unit, Section of Environmental Surveillance and Assessment: Andrea Michael, 651/215-0891 or andrea.michael@health.state.mn.us.

Environmental Health Table 1: Number of Minnesota Children (0 to 72 Months of Age) Tested according to Blood Lead Levels in Micrograms per Deciliter (µg/dL) in 2001 by State and County

	Number of Children (0 to 72 Months)			
	10 to 14.9 µg/dL ²	15 to 19.9 µg/dL ¹	20 µg/dL or Greater ¹	Total Tested ²
State of Minnesota	1,315	201	203	46,945
Aitkin	1	0	0	85
Anoka	23	5	0	1,957
Becker	4	0	4	244
Beltrami	0	1	0	261
Benton	0	0	0	104
Big Stone	0	0	0	16
Blue Earth	6	2	1	411
Brown	5	1	0	164
Carlton	3	0	1	259
Carver	1	0	1	205
Cass	3	0	0	138
Chippewa	7	0	1	196
Chisago	2	0	0	202
Clay	4	0	0	323
Clearwater	0	0	0	41
Cook	0	0	0	12
Cottonwood	3	1	0	84
Crow Wing	9	1	0	317
Dakota	24	8	3	1,768
Dodge	0	0	0	64
Douglas	2	0	0	377
Faribault	6	0	0	93
Fillmore	5	1	0	166
Freeborn	16	3	2	262
Goodhue	11	1	1	377
Grant	0	0	0	55
Hennepin	567	102	118	15,530
Houston	7	1	0	150
Hubbard	1	0	0	72
Isanti	1	0	0	189
Itasca	3	0	0	421
Jackson	1	0	1	67
Kanabec	2	0	0	84
Kandiyohi	3	2	0	365
Kittson	6	0	0	35
Koochiching	1	0	0	18
Lac Qui Parle	1	1	0	177
Lake	3	0	1	101
Lake of the Woods	0	0	0	4
Le Sueur	4	0	1	145
Lincoln	2	0	0	23
Lyon	2	0	0	178
McLeod	7	1	0	231
Mahnomen	3	0	0	63
Marshall	0	0	0	55
Martin	3	1	1	98
Meeker	2	0	0	118
Mille Lacs	1	0	0	72
Morrison	3	0	0	238
Mower	10	1	1	317
Murray	1	0	0	53
Nicollet	2	0	1	161

Environmental Health Table 1: Number of Minnesota Children (0 to 72 Months of Age) Tested according to Blood Lead Levels in Micrograms per Deciliter (µg/dL) in 2001 by State and County

	Number of Children (0 to 72 Months)			
	10 to 14.9 µg/dL ²	15 to 19.9 µg/dL ¹	20 µg/dL or Greater ¹	Total Tested ²
State of Minnesota	1,315	201	203	46,945
Nobles	6	0	3	350
Norman	0	0	0	38
Olmsted	7	3	3	769
Otter Tail	3	0	1	258
Pennington	0	0	0	43
Pine	8	0	0	190
Pipestone	1	0	0	20
Polk	4	0	0	105
Pope	1	0	0	83
Ramsey	368	51	42	8,118
Red Lake	0	0	0	10
Redwood	1	0	0	74
Renville	5	0	2	138
Rice	11	2	0	369
Rock	0	0	0	11
Roseau	0	0	0	54
St. Louis	40	4	4	1,454
Scott	1	1	0	313
Sherburne	0	0	0	167
Sibley	5	0	1	142
Stearns	2	1	2	509
Steele	3	0	1	306
Stevens	0	0	0	48
Swift	4	0	0	213
Todd	2	0	1	183
Traverse	0	0	0	18
Wabasha	4	0	0	97
Wadena	6	0	0	128
Waseca	2	1	1	150
Washington	12	1	2	815
Watonwan	4	0	1	153
Wilkin	0	0	0	55
Winona	10	0	0	366
Wright	4	0	0	410
Yellow Medicine	3	0	1	137
Unknown	27	4	0	3,369

Source: Minnesota Department of Health, Environmental Health Division

¹results of venous tests only

²venous, capillary, and unknown test types

Food, Beverage and Lodging, 2001

Improper processing, handling and preparation of food can allow contamination by bacteria, viruses, and parasites. Once consumed by a human, these organisms can cause gastrointestinal illness, including cramps, diarrhea and vomiting, and other symptoms. Disease-causing organisms can also be present in drinking and recreational water. Each year, foodborne and waterborne illnesses are significant contributors to economic loss through lost worker hours and increased medical expenses. They also contribute to a decreased quality of life.

Sanitary practices in the food, beverage and lodging industries prevent disease in Minnesota. The Food, Beverage and Lodging (FB&L) program protects public health and safety through a combination of consultation, plan review, education and rule enforcement in food and beverage service establishments, including temporary seasonal food services; hotels; motels; boarding and lodging establishments; bed and breakfast operations; resorts; and swimming pools at licensed establishments. Children's camps and migrant labor camps are inspected without charge.

Counties that have a delegation agreement with the Minnesota Department of Health (MDH) perform licensing and inspections within that county. Responsibility varies according to the terms of the county's contract.

Environmental Health Table 2 combines data from the state FB&L licensing system and the 2001 community health services reports. Data may not be comparable from county to county, due to differing methods of collecting and reporting data and for licensing at both the state and local levels.

For further information contact the Section of Environmental Health Services: Receptionist, 651/215-0870.

Environmental Health Table 2: Food, Beverage and Lodging Licenses and Inspections in Minnesota for 2001 By State and County*

	Number of Licenses		Number of Inspections**	
	Food & Beverage	Lodging	Food & Beverage	Lodging
State of Minnesota	14,626	2,851	13,275	1,882
Aitkin	na	na	119	47
Anoka	736	49	567	35
Becker	148	76	122	60
Beltrami	194	93	90	24
Benton	75	5	57	5
Big Stone	41	9	33	6
Blue Earth	204	28	199	25
Brown	103	9	98	8
Carlton	115	23	42	5
Carver	207	17	75	2
Cass	na	na	188	126
Chippewa	74	8	70	7
Chisago	125	23	56	7
Clay	286	36	248	21
Clearwater	43	12	33	5
Cook	82	139	9	11
Cottonwood	na	na	54	4
Crow Wing	293	139	231	83
Dakota	796	76	323	28
Dodge	50	4	38	3
Douglas	167	73	149	35
Faribault	na	na	38	11
Fillmore	121	66	99	37
Freeborn	37	2	31	2
Goodhue	148	35	93	18
Grant	30	7	19	6
Hennepin	3,788	332	4,337	271
Houston	71	12	39	2
Hubbard	117	110	47	24
Isanti	75	9	41	4
Itasca	212	143	63	12
Jackson	47	10	19	0
Kanabec	42	4	23	3
Kandiyohi	151	36	103	31
Kittson	32	4	7	1
Koochiching	70	26	26	3
Lac Qui Parle	46	5	40	4
Lake	84	82	76	70
Lake of the Woods	49	45	43	21
Le Sueur	na	na	48	15
Lincoln	42	11	29	8
Lyon	105	12	48	1
McLeod	133	24	75	9
Mahnomen	19	3	16	2
Marshall	43	3	4	0
Martin	na	na	56	10
Meeker	72	6	72	7
Mille Lacs	110	31	88	21
Morrison	165	32	101	19
Mower	153	25	107	8
Murray	52	6	52	6
Nicollet	87	8	85	8
Nobles	77	11	93	11

Environmental Health Table 2: Food, Beverage and Lodging Licenses and Inspections in Minnesota for 2001 By State and County*

	Number of Licenses		Number of Inspections**	
	Food & Beverage	Lodging	Food & Beverage	Lodging
State of Minnesota	14,626	2,851	13,275	1,882
Norman	39	1	18	0
Olmsted	342	123	244	87
Otter Tail	256	172	141	67
Pennington	51	6	44	4
Pine	110	24	31	4
Pipestone	50	6	36	2
Polk	133	31	107	19
Pope	na	na	41	7
Ramsey	na	na	528	21
Red Lake	23	1	23	2
Redwood	82	7	70	4
Renville	81	10	61	4
Rice	186	40	178	37
Rock	39	7	42	7
Roseau	63	11	27	7
St. Louis	1,544	295	1,072	219
Scott	287	24	116	5
Sherburne	125	8	51	1
Sibley	62	8	38	4
Stearns	405	39	405	39
Steele	122	23	80	17
Stevens	41	3	24	3
Swift	72	10	65	8
Todd	103	27	7	3
Traverse	26	1	20	0
Wabasha	na	na	62	12
Wadena	52	12	28	5
Waseca	56	7	33	2
Washington	na	na	420	41
Watonwan	58	3	58	3
Wilkin	na	na	48	3
Winona	na	na	179	41
Wright	245	29	112	10
Yellow Medicine	56	4	47	2

Source: Minnesota Department of Health, Environmental Health Division

*An establishment with licenses for both food and beverage and lodging service may be included in both totals.

**Inspection frequency is based on a risk level grading system. Some establishments in each county are not required to be inspected more than once every 24 months. Some establishments may have been inspected more than once during the year

na - Data not available at the time of publication

Foodborne & Waterborne Disease Outbreaks, 2001

Biological or chemical agents may be present in food and water and can cause illness when ingested. The Minnesota Department of Health (MDH) investigates outbreaks of gastroenteritis, including foodborne and waterborne disease outbreaks. Epidemiologists in the Infectious Disease Epidemiology, Prevention and Control Division collaborate with sanitarians in the Environmental Health Division and with local public health agencies in these investigations.

A confirmed foodborne disease outbreak is defined as an incident in which two or more persons experience a similar illness after a common food or meal, and epidemiologic evaluation implicates the food or meal as the source of illness. Confirmed outbreaks may or may not be laboratory-confirmed. A probable foodborne disease outbreak is defined as an incident in which two or more persons experience a similar illness after ingestion of a common food or meal, and a specific food or meal is suspected, but person-to-person transmission or other exposures cannot be ruled out.

Waterborne disease outbreaks are similar to foodborne disease outbreaks, except that epidemiologic analysis implicates drinking water or recreational water as the source of illness.

Nonfoodborne/nonwaterborne gastroenteritis outbreaks are related by time and place of exposure, but investigation results suggest that either person-to-person transmission occurred or a vehicle other than food or water (e.g., animal contact) is identified.

Environmental Health Table 3 shows the number of confirmed and probable foodborne outbreaks, waterborne outbreaks, and nonfoodborne/nonwaterborne gastroenteritis outbreaks identified by MDH in 2001.

For further information, contact the Acute Disease Investigation and Control Section, Infectious Disease Prevention and Control Division: Ellen Swanson, 612/676-5414 or ellen.swanson@health.state.mn.us

Environmental Health Table 3: Foodborne and Waterborne Disease Outbreaks in Minnesota by State and County, 2001

	Confirmed Foodborne	Probable Foodborne	Confirmed Waterborne	Probable Waterborne	Nonfoodborne/ Nonwaterborne	Totals
State of Minnesota	39	21	4	1	47	112
Aitkin	0	0	0	0	0	0
Anoka	3	0	0	0	1	4
Becker	1	0	0	0	0	1
Beltrami	0	0	0	0	1	1
Benton	0	0	0	0	0	0
Big Stone	0	0	0	0	0	0
Blue Earth	0	0	0	0	1	1
Brown	0	0	0	0	0	0
Carlton	0	0	0	0	0	0
Carver	1	0	0	0	0	1
Cass	0	0	0	0	1	1
Chippewa	0	0	0	0	0	0
Chisago	0	0	0	0	1	1
Clay	0	0	0	0	1	1
Clearwater	0	0	0	0	0	0
Cook	0	0	0	0	0	0
Cottonwood	0	0	0	0	0	0
Crow Wing	0	0	0	0	0	0
Dakota	4	3	0	0	4	11
Dodge	0	0	0	0	0	0
Douglas	1	0	1	0	0	2
Faribault	0	0	0	0	0	0
Fillmore	0	0	0	0	0	0
Freeborn	0	0	0	0	0	0
Goodhue	0	0	0	0	1	1
Grant	0	0	0	0	0	0
Hennepin	1	8	2	0	18	29
Houston	0	0	0	0	0	0
Hubbard	0	0	0	0	0	0
Isanti	0	0	0	0	1	1
Itasca	0	0	0	0	1	1
Jackson	0	0	0	0	0	0
Kanabec	1	0	0	0	0	1
Kandiyohi	0	1	0	0	0	1
Kittson	0	0	0	0	0	0
Koochiching	0	0	0	0	0	0
Lac Qui Parle	0	0	0	0	0	0
Lake	0	1	0	0	0	1
Lake of the Woods	0	0	0	0	0	0
Le Sueur	0	0	0	0	1	1
Lincoln	0	0	0	0	0	0
Lyon	0	0	0	0	0	0
McLeod	0	0	0	0	0	0
Mahnomen	0	0	0	0	0	0
Marshall	0	0	0	0	0	0
Martin	1	0	0	0	0	1
Meeker	1	0	0	0	0	1
Mille Lacs	1	0	0	0	0	1
Morrison	0	0	0	0	0	0
Mower	0	0	0	0	0	0
Murray	0	0	0	0	0	0

Environmental Health Table 3: Foodborne and Waterborne Disease Outbreaks in Minnesota by State and County, 2001

	Confirmed Foodborne	Probable Foodborne	Confirmed Waterborne	Probable Waterborne	Nonfoodborne/ Nonwaterborne	Totals
State of Minnesota	39	21	4	1	47	112
Nicollet	0	0	0	0	0	0
Nobles	0	0	1	0	0	1
Norman	0	0	0	0	0	0
Olmsted	3	1	0	0	0	4
Otter Tail	1	0	0	0	0	1
Pennington	0	0	0	0	0	0
Pine	0	0	0	0	0	0
Pipestone	0	0	0	0	0	0
Polk	0	0	0	0	0	0
Pope	0	0	0	0	0	0
Ramsey	4	4	0	0	2	10
Red Lake	0	0	0	0	1	1
Redwood	1	0	0	0	1	2
Renville	0	0	0	0	0	0
Rice	0	0	0	0	0	0
Rock	0	0	0	0	0	0
Roseau	0	0	0	0	0	0
St. Louis	0	0	0	0	0	0
Scott	0	2	0	0	3	5
Sherburne	0	0	0	0	1	1
Sibley	0	0	0	0	0	0
Stearns	0	0	0	1	0	1
Steele	1	0	0	0	0	1
Stevens	0	0	0	0	0	0
Swift	0	0	0	0	0	0
Todd	0	0	0	0	0	0
Traverse	0	0	0	0	0	0
Wabasha	0	0	0	0	1	1
Wadena	0	0	0	0	0	0
Waseca	0	0	0	0	0	0
Washington	1	1	0	0	4	6
Watonwan	0	0	0	0	0	0
Wilkin	0	0	0	0	0	0
Winona	0	0	0	0	0	0
Wright	0	0	0	0	0	0
Yellow Medicine	0	0	0	0	1	1

Source: Minnesota Department of Health, Environmental Health Division

Hazardous Substances Emergency Events Surveillance, 2000 and 2001

Hazardous materials are released daily throughout Minnesota as a result of industrial, agricultural, and domestic spills of acids, ammonia, and other chemicals. Many of these releases cause injuries and force evacuations. The Hazardous Substances Emergency Events Surveillance (HSEES) program maintains a database of acute hazardous material releases in Minnesota. The HSEES program is currently active in fourteen other states.

The HSEES program collects data on acute, emergency hazardous material releases. The program does not include petroleum products such as diesel fuel or propane, nor does the program include releases permitted by the Minnesota Pollution Control Agency. Chronic releases, such as a several-month leak from an acid holding tank, are also excluded from the program.

The Minnesota Department of Health (MDH) receives reports of hazardous material releases from several sources, including the Minnesota Duty Officer, the United States Coast Guard's National Response Center, and other state agencies. Upon receipt of this initial report, the MDH calls the responsible party and obtains information to complete an extensive questionnaire. Information gathered includes the number of people who were evacuated, injured, or decontaminated; the identity of the materials spilled; and how much was spilled. Data on long-term health effects from chemical exposures are not collected. The MDH follow-up procedure has the advantage of providing more complete and accurate information than may have been available at the time of original notification of the release.

HSEES data identify the chemicals that were released, the day of the week on which the release occurred, the time of day at which the release occurred, and list the number of injuries by chemical and the number of evacuations by chemical. Maps can be generated showing the locations of spills with respect to municipalities; rivers and lakes; and roads.

For the purpose of the HSEES program, a person is considered injured if that person develops symptoms within 24 hours of exposure to a hazardous substance. Symptoms range from minor ailments, such as throat irritation, to death. The program does not differentiate between injuries caused directly by exposure to hazardous materials and injuries caused indirectly by the release, such as burns from a fire caused by the hazardous materials.

HSEES data can be used in emergency management planning and training. A region's agricultural and industrial activities determine the types of hazardous material releases which are likely to occur within that region. Thus, regional differences require different strategies for planning and training. Comparisons can be made between a rural county and other rural counties, and between an urban county and other urban counties.

During the years 2000 and 2001, a total of 833 events occurred in Minnesota, resulting in 931 chemicals released, 77 evacuations and 133 injured people. For the nine urban counties, there were 400 events, 444 chemicals released, 62 victims, and 49 evacuations. For the 78 primarily agricultural counties, there were 433 events, 487 chemicals released, 71 victims, and 28 evacuations. **Environmental Health Table 4** provides the number of hazardous material releases in each county and the average number of events, injuries, evacuations, and chemicals released per event for urban counties and primarily agricultural counties.

For further information contact the Site Assessment and Consultation Unit: Larry Souther, HSEES Coordinator, 651/215-0918 or larry.souther@health.state.mn.us.

Environmental Health Table 4: Average Hazardous Material Releases, Injuries, Evacuations, and Chemicals per Event for 2000-2001 in Minnesota by State and County

	Events/County	Injuries/County	Evacuations/County	Chemicals/Event
Urban Counties	44.4	6.9	5.4	1.1
Agricultural Counties	5.6	0.9	0.4	1.1
	Events	Injuries	Evacuations	Chemicals/Event
State of Minnesota	833	133	77	1.1
Aitkin	0	0	0	0.0
Anoka	19	0	3	1.0
Becker	4	0	0	1.3
Beltrami	3	0	0	1.0
Benton	3	0	0	1.0
Big Stone	1	0	0	1.0
Blue Earth	17	2	0	1.0
Brown	4	0	0	1.0
Carlton	74	1	0	1.1
Carver	9	7	3	1.8
Cass	2	1	0	1.5
Chippewa	3	0	0	1.0
Chisago	3	0	0	2.0
Clay	3	0	1	1.0
Clearwater	0	0	0	0.0
Cook	0	0	0	0.0
Cottonwood	3	0	0	1.0
Crow Wing	2	0	0	1.0
Dakota	109	8	4	1.1
Dodge	3	0	1	1.0
Douglas	2	0	0	1.0
Faribault	16	1	1	1.1
Fillmore	7	3	1	1.1
Freeborn	11	2	2	1.0
Goodhue	7	1	0	1.0
Grant	1	0	0	1.0
Hennepin	133	7	22	1.0
Houston	2	0	0	1.0
Hubbard	3	1	1	10.3
Isanti	3	0	0	1.0
Itasca	17	0	0	1.1
Jackson	3	0	0	1.0
Kanabec	0	0	0	0.0
Kandiyohi	4	1	1	1.3
Kittson	3	0	0	1.0
Koochiching	24	0	0	1.0
Lac Qui Parle	2	0	0	1.0
Lake	1	0	1	1.0
Lake of the Woods	3	0	0	1.0
Le Sueur	0	0	0	0.0
Lincoln	0	0	0	0.0
Lyon	25	11	3	1.0
McLeod	6	0	0	1.0
Mahnomen	0	0	0	0.0
Marshall	2	0	0	1.0
Martin	8	0	0	1.0
Meeker	3	0	0	1.0
Mille Lacs	0	0	0	0.0
Morrison	16	0	0	1.1
Mower	5	2	0	1.0

Environmental Health Table 4: Average Hazardous Material Releases, Injuries, Evacuations, and Chemicals per Event for 2000-2001 in Minnesota by State and County

	Events/County	Injuries/County	Evacuations/County	Chemicals/Event
Urban Counties	44.4	6.9	5.4	1.1
Agricultural Counties	5.6	0.9	0.4	1.1
	Events	Injuries	Evacuations	Chemicals/Event
State of Minnesota	833	133	77	1.1
Murray	4	2	1	1.0
Nicollet	1	0	0	1.0
Nobles	5	4	1	1.0
Norman	1	0	0	2.0
Olmsted	11	1	0	1.7
Otter Tail	5	0	0	1.0
Pennington	3	0	0	1.0
Pine	0	0	0	0.0
Pipestone	5	4	1	1.0
Polk	2	11	1	1.0
Pope	1	0	0	1.0
Ramsey	60	33	14	1.1
Red Lake	1	0	0	1.0
Redwood	4	0	0	1.3
Renville	11	15	0	1.0
Rice	4	0	0	1.0
Rock	2	4	1	1.0
Roseau	1	0	0	1.0
St. Louis	14	2	1	1.1
Scott	4	0	0	1.0
Sherburne	12	0	2	1.0
Sibley	4	0	2	1.0
Stearns	20	1	3	1.2
Steele	11	1	1	1.1
Stevens	1	1	0	2.0
Swift	5	0	0	1.2
Todd	4	1	0	1.0
Traverse	1	0	0	1.0
Wabasha	2	0	1	1.0
Wadena	2	0	0	1.0
Waseca	6	0	0	1.0
Washington	41	4	2	1.0
Watonwan	4	0	1	1.0
Wilkin	0	0	0	0.0
Winona	4	0	1	1.0
Wright	5	0	0	1.2
Yellow Medicine	3	1	0	1.3

Source: Minnesota Department of Health, Environmental Health Division

Urban counties: Anoka, Carver, Dakota, Hennepin, Olmsted, Ramsey, Scott, St. Louis, and Washington counties

Agricultural counties: Counties other than urban counties

Radioactivity and Radiation, 1997 - 2001

Median values for strontium-90 in 2001 for samples taken at each of the seven sites did not exceed National Primary Drinking Water Regulations (40 CFR 141) for strontium-90 of 8 pCi per liter (See Table 4). There is no specific standard for strontium-90 in milk, so the standard for strontium-90 in drinking water is used. Median values for strontium-90 also were well within recommended safe levels according to the U.S. Food and Drug Administration (FDA) emergency guidelines for milk. The FDA recommends that during an emergency, protective actions be taken only when levels exceed 9,000 pCi per liter (Manual of Protective Action Guides and Protective Actions for Nuclear Incidents, EPA 400-R-92-001).

Strontium-90 is a fallout product of atmospheric weapons testing. The average strontium-90 level has been fluctuating, but slowly decreasing. The physical half life is 28 years.

For further information contact the Radiation Control Unit, Section of Asbestos, Indoor Air, Lead and Radiation: Tim Donakowski, 651/643-2128 or timothy.donakowski@health.state.mn.us

Environmental Health Table 5: Median Strontium-90 Levels (pCi/L) in Pasteurized Milk by Minnesota Site and Year

	1997	1998	1999	2000	2001
St. Cloud/Little Falls	0.8	0.8	0.9	1.4	1.8
Duluth	2.0	1.9	1.6	1.8	1.9
Bemidji	0.9	0.9	0.9	0.8	1.0
Rochester	0.8	0.9	0.8	0.8	1.0
Hastings	0.9	1.2	0.9	1.1	1.2
Norwood	0.8	0.7	0.9	0.8	0.8
St. Paul	1.1	1.1	0.8	1.1	1.1
Average (Median)	0.9	0.9	0.9	1.1	1.1

Source: Minnesota Department of Health, Environmental Health Division

Potassium-40 (K-40) was found in all milk samples, ranging from about 1000 to 1500 pCi per liter. Potassium-40 is a naturally occurring radionuclide present at the earth's creation (physical half life of 1.3 billion years). No other nuclides were detected.

Radon Levels Prior to October 2002

Radon is a naturally-occurring radioactive gas that is the second leading cause of lung cancer in the United States. Since radon is a gas, it can easily enter homes and other buildings. While in outdoor air radon is diluted to very low levels, radon trapped inside homes may accumulate to dangerous levels. The United States Environmental Protection Agency (EPA) estimates that, nationwide, 1 in 15 homes has elevated radon levels; however, the proportion of homes in Minnesota with elevated radon levels is thought to be much higher: 1 in 3 homes.

The EPA recommends that all homes be tested for radon; however, testing is voluntary. Results of testing are confidential; laboratories report results directly to the homeowner. Laboratories also report radon results to the MDH by zip code without addresses or other identifiers. The MDH uses these data to identify regional trends in home radon levels within the state.

The purpose of the following table is to provide the general public with information regarding radon levels in their area. It is important to point out, however, that even if the county wherein an individual resides shows relatively low levels of radon, it is still recommended that the home is tested. Radon levels can fluctuate due to a number of factors, and tests in a given area may not be indicative of the level of radon in an individual home.

The data presented in **Environmental Health Table 6** are not from a random sampling effort and may not be representative. Consequently, comparisons between counties are not valid. The county totals likely include multiple tests on single homes as well as blanks and spike samples. All data are from alpha track detectors analyzed prior to October 2002.

Test results are reported in picoCuries/Liter (pCi/L), a measurement of radiation. The U.S. Environmental Protection Agency has set a recommended action level at 4.0 pCi/L. If a home is found to contain radon levels in excess of 4.0 pCi/L, it is recommended that steps be taken to reduce the level of radon in the home.

For more information, contact the Minnesota Department of Health's Indoor Air Program at 651/215-0909 or 800/798-9050.

Environmental Health Table 6: Radon Test Data¹ in Minnesota by State and County (from alpha track detectors analyzed prior to October 2002)

	Total Tested	Number <4 pCi/L	Number ≥4 pCi/L	Percent ≥4 pCi/L
State of Minnesota	27,887	17,769	10,118	36.3
Aitkin	31	23	8	25.8
Anoka	784	657	127	16.2
Becker	51	32	19	37.3
Beltrami	186	133	53	28.5
Benton	22	18	4	18.2
Big Stone	46	26	20	43.5
Blue Earth	275	102	173	62.9
Brown	88	35	53	60.2
Carlton	91	67	24	26.4
Carver	333	196	137	41.1
Cass	75	58	17	22.7
Chippewa	31	8	23	74.2
Chisago	109	81	28	25.7
Clay	140	52	88	62.9
Clearwater	175	114	61	34.9
Cook	39	16	23	59.0
Cottonwood	95	41	54	56.8
Crow Wing	141	111	30	21.3
Dakota	2,294	1,497	797	34.7
Dodge	30	18	12	40.0
Douglas	103	53	50	48.5
Faribault	77	44	33	42.9
Fillmore	73	35	38	52.1
Freeborn	124	56	68	54.8
Goodhue	165	73	92	55.8
Grant	31	10	21	67.7
Hennepin	9,264	6,032	3,232	34.9
Houston	63	22	41	65.1
Hubbard	43	32	11	25.6
Isanti	75	62	13	17.3
Itasca	130	94	36	27.7
Jackson	266	136	130	48.9
Kanabec	29	9	20	69.0
Kandiyohi	154	73	81	52.6
Kittson	60	39	21	35.0
Koochiching	43	32	11	25.6
Lac Qui Parle	31	13	18	58.1
Lake	53	47	6	11.3
Lake of the Woods	19	16	3	15.8
Le Sueur	84	39	45	53.6
Lincoln	55	16	39	70.9
Lyon	137	40	97	70.8
McLeod	95	35	60	63.2
Mahnomen	18	10	8	44.4
Marshall	52	26	26	50.0
Martin	78	32	46	59.0
Meeker	54	31	23	42.6
Mille Lacs	53	49	4	7.5
Morrison	100	67	33	33.0
Mower	146	96	50	34.2
Murray	68	25	43	63.2
Nicollet	140	69	71	50.7
Nobles	347	129	218	62.8

Environmental Health Table 6: Radon Test Data¹ in Minnesota by State and County (from alpha track detectors analyzed prior to October 2002)

	Total Tested	Number <4 pCi/L	Number ≥4 pCi/L	Percent ≥4 pCi/L
State of Minnesota	27,887	17,769	10,118	36.3
Norman	50	28	22	44.0
Olmsted	763	370	393	51.5
Otter Tail	185	101	84	45.4
Pennington	87	47	40	46.0
Pine	53	44	9	17.0
Pipestone	49	23	26	53.1
Polk	96	44	52	54.2
Pope	32	23	9	28.1
Ramsey	3,762	2,942	820	21.8
Red Lake	14	9	5	35.7
Redwood	82	32	50	61.0
Renville	64	25	39	60.9
Rice	453	207	246	54.3
Rock	50	15	35	70.0
Roseau	38	30	8	21.1
St. Louis	890	740	150	16.9
Scott	782	426	356	45.5
Sherburne	145	81	64	44.1
Sibley	16	6	10	62.5
Stearns	460	258	202	43.9
Steele	294	125	169	57.5
Stevens	192	80	112	58.3
Swift	23	19	4	17.4
Todd	73	54	19	26.0
Traverse	21	9	12	57.1
Wabasha	57	22	35	61.4
Wadena	37	29	8	21.6
Waseca	86	42	44	51.2
Washington	1,108	775	333	30.1
Watonwan	54	27	27	50.0
Wilkin	21	11	10	47.6
Winona	365	196	169	46.3
Wright	176	84	92	52.3
Yellow Medicine	43	18	25	58.1

Source: Minnesota Department of Health Environmental Health Division

¹Test Results in picoCuries/Liter (pCi/L)