

2000 Minnesota County Health Tables

Data from 1999

1999 Minnesota County Health Data

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Introduction

The Minnesota County Health Tables (MCHT) replaced the County Health Profiles (CHP) in 2001. The County Health Profiles for 1996, 1998 and 2000 are still available on the Minnesota Planning website, <http://www.lmic.state.mn.us/datanetweb/health.html>

Users of the Minnesota County Health Tables must be aware that all data are subject to potential error. Sources of these errors include under-registration, informant or respondent errors, sampling errors, and data processing errors. Every effort has been made to minimize these errors. However, the most dangerous error remains that of the inaccurate interpretation of data that has been provided.

The user should review the definitions of terms used in the Minnesota County Health Tables. The data included in this publication are from the most recently available year(s). In an area of small population the presence or absence of a relatively rare health event should not be used to confirm or deny a specific public health problem.

Section Descriptions and Notes

Section A: Demographics Tables

This section includes selected demographic statistics from various sources, including the U.S. Census Bureau, Minnesota State Demographer's Office, and the Minnesota Departments of Human Services, Economic Security and Education.

Section B: Natality Tables

This section includes various birth statistics collected from Minnesota birth certificates which are filed with the Office of the State Registrar, Minnesota Department of Health.

All birth data in this section are by county of residence.

Section C: Mortality Tables

This section includes various death statistics collected from Minnesota death certificates which are filed with the Office of the State Registrar, Minnesota Department of Health. Mortality data in this publication are classified using the International Classification of Diseases, version 10 (ICD-10). Version 10 has been used since 1999. From 1979-1998, ICD-9 was used for coding deaths. The ICD-10 differs from ICD-9 in a number of respects although the overall content is similar. The change from ICD-9 to ICD-10 should be taken in consideration when comparing 1999 and newer mortality data to previous years. For more information on ICD-10, please refer to the Centers for Disease Control and Prevention website, <http://www.cdc.gov/nchs/about/major/dvs/icd10des.htm>

All death data in this section are by county of residence.

Section D: Morbidity and Service Utilization Tables

Included in this section are surveillance data on cancer, sexually transmitted diseases, traumatic brain injuries, survey data on behavioral risk factors and utilization data. The Minnesota Student Survey results are not included in this section but can be found on the Center for Health Statistics Website: <http://www.health.state.mn.us/divs/chs/mss/>

Section E: Chemical Health

The Chemical Health section focuses on alcohol use. Data in this section include percent of fatalities in which alcohol use was involved and driving while intoxicated. Unless specified these data are by county of occurrence. Adult chemical health use data from the Behavioral Risk Factor Surveillance System are in Section D. Youth chemical use data from the Minnesota Student Survey are located on the Center for Health Statistics website: <http://www.health.state.mn.us/divs/chs/mss/>

Section F: Environmental Health Tables

The Environmental Health Section includes county-specific summary data from the following Environmental Health programs: blood lead; foodborne/waterborne disease outbreaks; hazardous substance emergency events surveillance; and radioactivity and radiation. This section contains a description of the health hazard; the most current data available, generally summarized by county and state; and any limitations or biases to be considered before using the data.

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Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

State of Minnesota, 1999

Age Group	Number	
	Male	Female
00-04	164,102	157,521
05-09	175,858	167,396
10-14	193,200	184,043
15-17	118,487	111,243
18-19	73,671	72,256
20-24	154,819	153,255
25-29	146,306	148,292
30-34	167,352	167,587
35-39	207,961	202,583
40-44	203,192	199,327
45-49	173,151	173,752
50-54	138,962	141,554
55-59	107,978	110,891
60-64	85,353	90,022
65-69	70,163	79,875
70-74	63,144	77,374
75-79	51,272	69,409
80-84	33,468	56,239
85&up	24,581	59,869
Total	2,353,020	2,422,488
Total Male/Female	4,775,508	

Aitkin County, 1999

Age Group	Aitkin	
	Male	Female
00-04	346	320
05-09	490	456
10-14	532	520
15-17	351	310
18-19	165	137
20-24	175	185
25-29	233	244
30-34	347	347
35-39	474	467
40-44	556	502
45-49	524	538
50-54	500	577
55-59	453	460
60-64	475	459
65-69	427	421
70-74	433	441
75-79	321	304
80-84	207	233
85&up	95	268
Total	7,104	7,189
Total Male/Female	14,293	

Anoka County, 1999

Age Group	Anoka	
	Male	Female
00-04	11,017	10,730
05-09	11,890	11,260
10-14	13,186	12,627
15-17	8,338	7,682
18-19	4,694	4,301
20-24	9,191	8,896
25-29	9,814	9,959
30-34	11,372	11,137
35-39	13,525	13,195
40-44	13,975	14,051
45-49	12,249	11,854
50-54	9,041	9,109
55-59	6,371	5,952
60-64	3,931	3,785
65-69	4,164	4,659
70-74	3,106	3,771
75-79	2,110	2,821
80-84	1,133	1,965
85&up	493	1,594
Total	149,600	149,348
Total Male/Female	298,948	

Becker County, 1999

Age Group	Becker	
	Male	Female
00-04	931	926
05-09	1,178	1,129
10-14	1,372	1,291
15-17	905	805
18-19	411	340
20-24	649	599
25-29	694	669
30-34	835	862
35-39	1,201	1,093
40-44	1,180	1,162
45-49	1,081	972
50-54	915	997
55-59	789	821
60-64	689	687
65-69	528	567
70-74	487	587
75-79	434	508
80-84	311	457
85&up	233	462
Total	14,823	14,934
Total Male/Female	29,757	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Beltrami County, 1999

Age Group	Beltrami	
	Male	Female
00-04	1,440	1,328
05-09	1,704	1,543
10-14	1,846	1,752
15-17	1,086	1,098
18-19	782	856
20-24	1,726	1,559
25-29	1,021	1,046
30-34	1,132	1,225
35-39	1,507	1,517
40-44	1,532	1,475
45-49	1,229	1,209
50-54	1,023	1,026
55-59	876	840
60-64	666	717
65-69	535	574
70-74	457	589
75-79	416	512
80-84	302	472
85&up	209	383
Total	19,489	19,721
Total Male/Female	39,210	

Benton County, 1999

Age Group	Benton	
	Male	Female
00-04	1,394	1,299
05-09	1,499	1,448
10-14	1,548	1,533
15-17	900	852
18-19	501	547
20-24	1,451	1,496
25-29	1,211	1,266
30-34	1,251	1,180
35-39	1,442	1,349
40-44	1,335	1,283
45-49	1,076	1,126
50-54	895	826
55-59	709	729
60-64	549	516
65-69	378	437
70-74	358	444
75-79	298	379
80-84	246	381
85&up	218	482
Total	17,259	17,573
Total Male/Female	34,832	

Big Stone County, 1999

Age Group	Big Stone	
	Male	Female
00-04	162	166
05-09	184	192
10-14	224	191
15-17	128	148
18-19	52	55
20-24	88	79
25-29	99	99
30-34	135	135
35-39	194	170
40-44	195	191
45-49	151	190
50-54	200	198
55-59	162	181
60-64	153	144
65-69	141	143
70-74	120	133
75-79	104	163
80-84	88	139
85&up	87	187
Total	2,667	2,904
Total Male/Female	5,571	

Blue Earth County, 1999

Age Group	Blue Eart	
	Male	Female
00-04	1,531	1,421
05-09	1,736	1,575
10-14	1,966	1,792
15-17	1,082	1,028
18-19	1,698	1,905
20-24	4,275	3,688
25-29	1,585	1,352
30-34	1,496	1,514
35-39	1,942	1,860
40-44	1,852	1,758
45-49	1,506	1,543
50-54	1,312	1,369
55-59	1,047	1,078
60-64	888	920
65-69	776	915
70-74	754	970
75-79	598	871
80-84	392	751
85&up	300	828
Total	26,736	27,138
Total Male/Female	53,874	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Brown County, 1999

Age Group	Brown	
	Male	Female
00-04	825	826
05-09	995	979
10-14	1,122	1,008
15-17	677	625
18-19	408	496
20-24	720	834
25-29	641	629
30-34	764	812
35-39	1,019	935
40-44	944	945
45-49	884	894
50-54	777	774
55-59	669	731
60-64	577	603
65-69	491	545
70-74	508	633
75-79	415	626
80-84	317	502
85&up	251	502
Total	13,004	13,899
Total Male/Female	26,903	

Carlton County, 1999

Age Group	Carlton	
	Male	Female
00-04	937	877
05-09	1,117	1,105
10-14	1,404	1,363
15-17	899	820
18-19	500	326
20-24	921	656
25-29	846	721
30-34	1,025	958
35-39	1,316	1,271
40-44	1,304	1,162
45-49	1,192	1,111
50-54	953	971
55-59	839	872
60-64	684	695
65-69	565	676
70-74	531	612
75-79	449	542
80-84	277	413
85&up	208	374
Total	15,967	15,525
Total Male/Female	31,492	

Carver County, 1999

Age Group	Carver	
	Male	Female
00-04	2,959	2,617
05-09	2,729	2,651
10-14	2,959	2,797
15-17	1,820	1,574
18-19	897	843
20-24	1,874	1,887
25-29	2,319	2,334
30-34	2,806	2,657
35-39	3,238	3,126
40-44	3,017	2,905
45-49	2,520	2,514
50-54	1,973	1,855
55-59	1,490	1,394
60-64	1,030	997
65-69	696	693
70-74	510	691
75-79	446	622
80-84	282	527
85&up	235	539
Total	33,800	33,223
Total Male/Female	67,023	

Cass County, 1999

Age Group	Cass	
	Male	Female
00-04	828	766
05-09	1,021	981
10-14	1,230	1,146
15-17	691	656
18-19	302	274
20-24	471	452
25-29	536	588
30-34	701	691
35-39	981	950
40-44	1,057	976
45-49	962	1,004
50-54	931	939
55-59	856	830
60-64	819	821
65-69	616	597
70-74	593	591
75-79	497	487
80-84	290	382
85&up	217	312
Total	13,599	13,443
Total Male/Female	27,042	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Chippewa County, 1999

Age Group	Chippewa	
	Male	Female
00-04	370	386
05-09	488	477
10-14	566	546
15-17	328	328
18-19	149	131
20-24	239	231
25-29	272	297
30-34	354	339
35-39	504	484
40-44	507	480
45-49	467	439
50-54	382	396
55-59	307	363
60-64	299	340
65-69	281	301
70-74	231	303
75-79	256	282
80-84	168	273
85&up	151	313
Total	6,319	6,709
Total Male/Female	13,028	

Chisago County, 1999

Age Group	Chisago	
	Male	Female
00-04	1,511	1,489
05-09	1,802	1,673
10-14	2,187	1,966
15-17	1,275	1,116
18-19	623	555
20-24	987	935
25-29	1,131	1,133
30-34	1,365	1,431
35-39	1,936	1,797
40-44	1,908	1,808
45-49	1,736	1,620
50-54	1,351	1,233
55-59	974	931
60-64	751	738
65-69	505	560
70-74	525	515
75-79	415	525
80-84	286	390
85&up	204	415
Total	21,472	20,830
Total Male/Female	42,302	

Clay County, 1999

Age Group	Clay	
	Male	Female
00-04	1,657	1,543
05-09	1,800	1,696
10-14	1,998	1,854
15-17	1,241	1,096
18-19	1,434	1,954
20-24	2,770	3,112
25-29	1,200	1,279
30-34	1,436	1,539
35-39	2,007	1,982
40-44	1,798	1,752
45-49	1,573	1,561
50-54	1,340	1,453
55-59	1,113	1,177
60-64	949	1,003
65-69	766	770
70-74	692	848
75-79	581	740
80-84	381	629
85&up	292	701
Total	25,028	26,689
Total Male/Female	51,717	

Clearwater County, 1999

Age Group	Clearwater	
	Male	Female
00-04	236	252
05-09	325	284
10-14	394	389
15-17	267	221
18-19	133	89
20-24	168	131
25-29	160	161
30-34	200	230
35-39	276	287
40-44	348	287
45-49	295	296
50-54	271	299
55-59	210	210
60-64	199	157
65-69	129	136
70-74	143	153
75-79	148	147
80-84	117	130
85&up	114	154
Total	4,133	4,013
Total Male/Female	8,146	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Cook County, 1999

Age Group	Cook	
	Male	Female
00-04	133	137
05-09	144	148
10-14	183	143
15-17	100	116
18-19	52	37
20-24	62	88
25-29	109	88
30-34	148	150
35-39	221	236
40-44	254	206
45-49	196	183
50-54	172	152
55-59	135	132
60-64	130	109
65-69	103	109
70-74	104	119
75-79	65	108
80-84	50	68
85&up	30	52
Total	2,391	2,381
Total Male/Female	4,772	

Cottonwood County, 1999

Age Group	Cottonwoo	
	Male	Female
00-04	327	324
05-09	385	340
10-14	538	474
15-17	316	325
18-19	128	123
20-24	218	202
25-29	235	218
30-34	299	295
35-39	414	396
40-44	442	411
45-49	419	415
50-54	374	377
55-59	321	343
60-64	298	299
65-69	243	303
70-74	261	316
75-79	240	303
80-84	195	298
85&up	168	325
Total	5,821	6,087
Total Male/Female	11,908	

Crow Wing County, 1999

Age Group	Crow Wing	
	Male	Female
00-04	1,619	1,589
05-09	1,872	1,827
10-14	2,145	2,200
15-17	1,345	1,277
18-19	747	722
20-24	1,236	1,170
25-29	1,104	1,251
30-34	1,471	1,492
35-39	2,024	2,016
40-44	2,027	2,053
45-49	1,835	1,916
50-54	1,604	1,708
55-59	1,421	1,525
60-64	1,289	1,364
65-69	1,104	1,214
70-74	991	1,170
75-79	889	1,032
80-84	526	740
85&up	361	732
Total	25,610	26,998
Total Male/Female	52,608	

Dakota County, 1999

Age Group	Dakota	
	Male	Female
00-04	14,354	13,667
05-09	14,081	13,576
10-14	14,885	14,312
15-17	8,783	8,536
18-19	4,666	4,382
20-24	10,285	11,076
25-29	12,463	13,199
30-34	14,383	14,603
35-39	16,554	16,891
40-44	16,768	16,872
45-49	13,967	13,977
50-54	9,963	9,706
55-59	6,984	6,554
60-64	4,484	4,583
65-69	3,454	3,973
70-74	2,865	3,481
75-79	2,093	2,895
80-84	1,205	2,030
85&up	721	1,860
Total	172,958	176,173
Total Male/Female	349,131	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Dodge County, 1999

Age Group	Dodge	
	Male	Female
00-04	659	652
05-09	775	753
10-14	861	781
15-17	463	501
18-19	241	239
20-24	414	440
25-29	476	480
30-34	583	597
35-39	768	701
40-44	665	635
45-49	648	609
50-54	504	528
55-59	363	387
60-64	316	301
65-69	222	263
70-74	255	243
75-79	187	213
80-84	143	184
85&up	112	234
Total	8,655	8,741
Total Male/Female	17,396	

Douglas County, 1999

Age Group	Douglas	
	Male	Female
00-04	939	926
05-09	1,112	1,113
10-14	1,328	1,315
15-17	805	728
18-19	558	461
20-24	830	677
25-29	658	678
30-34	890	912
35-39	1,197	1,130
40-44	1,161	1,129
45-49	1,147	1,061
50-54	920	936
55-59	742	833
60-64	675	759
65-69	641	664
70-74	629	716
75-79	561	647
80-84	361	522
85&up	312	601
Total	15,466	15,808
Total Male/Female	31,274	

Faribault County, 1999

Age Group	Faribault	
	Male	Female
00-04	431	422
05-09	595	536
10-14	686	681
15-17	446	370
18-19	171	150
20-24	297	255
25-29	291	293
30-34	437	449
35-39	587	522
40-44	566	581
45-49	552	563
50-54	489	514
55-59	452	506
60-64	400	439
65-69	347	410
70-74	351	468
75-79	317	474
80-84	234	378
85&up	189	398
Total	7,838	8,409
Total Male/Female	16,247	

Fillmore County, 1999

Age Group	Fillmore	
	Male	Female
00-04	618	635
05-09	790	724
10-14	918	819
15-17	597	529
18-19	296	236
20-24	467	382
25-29	407	422
30-34	567	577
35-39	775	717
40-44	741	720
45-49	695	701
50-54	600	584
55-59	541	593
60-64	477	504
65-69	421	449
70-74	425	500
75-79	389	411
80-84	277	396
85&up	274	514
Total	10,275	10,413
Total Male/Female	20,688	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Freeborn County, 1999

Age Group	Freeborn	
	Male	Female
00-04	946	877
05-09	1,043	1,007
10-14	1,200	1,221
15-17	810	711
18-19	413	339
20-24	693	680
25-29	710	709
30-34	879	842
35-39	1,187	1,076
40-44	1,227	1,211
45-49	1,144	1,107
50-54	1,053	1,090
55-59	831	936
60-64	717	737
65-69	740	815
70-74	665	751
75-79	551	743
80-84	373	590
85&up	242	637
Total	15,424	16,079
Total Male/Female	31,503	

Goodhue County, 1999

Age Group	Goodhue	
	Male	Female
00-04	1,410	1,344
05-09	1,717	1,599
10-14	1,842	1,783
15-17	1,269	1,036
18-19	549	506
20-24	1,008	959
25-29	1,130	1,139
30-34	1,363	1,340
35-39	1,800	1,727
40-44	1,821	1,760
45-49	1,558	1,499
50-54	1,354	1,331
55-59	1,044	1,032
60-64	872	941
65-69	673	754
70-74	667	790
75-79	558	813
80-84	460	705
85&up	352	862
Total	21,447	21,920
Total Male/Female	43,367	

Grant County, 1999

Age Group	Grant	
	Male	Female
00-04	167	168
05-09	216	219
10-14	251	230
15-17	160	134
18-19	58	48
20-24	91	82
25-29	122	110
30-34	158	158
35-39	209	184
40-44	213	228
45-49	197	211
50-54	212	194
55-59	165	204
60-64	169	171
65-69	128	138
70-74	147	152
75-79	124	184
80-84	85	142
85&up	91	157
Total	2,963	3,114
Total Male/Female	6,077	

Hennepin County, 1999

Age Group	Hennepin	
	Male	Female
00-04	35,654	34,549
05-09	34,362	33,024
10-14	35,060	33,921
15-17	21,604	20,625
18-19	14,708	14,572
20-24	38,237	39,873
25-29	40,616	41,413
30-34	42,905	42,892
35-39	50,138	50,054
40-44	47,758	48,151
45-49	38,588	39,794
50-54	29,805	31,693
55-59	22,776	24,400
60-64	18,146	20,171
65-69	14,588	17,240
70-74	12,044	16,140
75-79	9,064	14,035
80-84	5,848	12,046
85&up	4,388	13,537
Total	516,289	548,130
Total Male/Female	1,064,419	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Houston County, 1999

Age Group	Houston	
	Male	Female
00-04	675	648
05-09	756	690
10-14	917	772
15-17	498	512
18-19	244	230
20-24	429	400
25-29	464	467
30-34	635	628
35-39	853	771
40-44	786	783
45-49	655	617
50-54	561	588
55-59	516	508
60-64	418	451
65-69	349	370
70-74	307	378
75-79	285	346
80-84	213	255
85&up	146	368
Total	9,707	9,782
Total Male/Female	19,489	

Hubbard County, 1999

Age Group	Hubbard	
	Male	Female
00-04	489	479
05-09	596	579
10-14	724	750
15-17	459	448
18-19	187	183
20-24	281	268
25-29	318	312
30-34	473	487
35-39	624	629
40-44	719	621
45-49	602	704
50-54	616	608
55-59	523	524
60-64	439	464
65-69	405	401
70-74	352	332
75-79	294	337
80-84	206	235
85&up	135	228
Total	8,442	8,589
Total Male/Female	17,031	

Isanti County, 1999

Age Group	Isanti	
	Male	Female
00-04	1,066	1,047
05-09	1,321	1,233
10-14	1,589	1,453
15-17	929	951
18-19	462	447
20-24	723	638
25-29	771	828
30-34	1,024	1,001
35-39	1,398	1,335
40-44	1,356	1,330
45-49	1,239	1,276
50-54	1,054	960
55-59	688	655
60-64	515	447
65-69	354	379
70-74	299	379
75-79	296	377
80-84	215	338
85&up	190	324
Total	15,489	15,398
Total Male/Female	30,887	

Itasca County, 1999

Age Group	Itasca	
	Male	Female
00-04	1,260	1,118
05-09	1,548	1,550
10-14	2,089	1,861
15-17	1,332	1,285
18-19	586	560
20-24	864	828
25-29	775	894
30-34	1,192	1,241
35-39	1,894	1,824
40-44	1,862	1,781
45-49	1,658	1,670
50-54	1,383	1,363
55-59	1,152	1,252
60-64	1,032	984
65-69	931	1,035
70-74	914	989
75-79	801	894
80-84	430	587
85&up	255	480
Total	21,958	22,196
Total Male/Female	44,154	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Jackson County, 1999

Age Group	Jackson	
	Male	Female
00-04	361	313
05-09	414	410
10-14	509	446
15-17	291	290
18-19	159	113
20-24	240	208
25-29	248	232
30-34	342	326
35-39	452	389
40-44	404	414
45-49	347	346
50-54	343	364
55-59	313	333
60-64	270	312
65-69	240	244
70-74	242	272
75-79	198	231
80-84	149	223
85&up	125	265
Total	5,647	5,731
Total Male/Female	11,378	

Kanabec County, 1999

Age Group	Kanabec	
	Male	Female
00-04	459	494
05-09	607	571
10-14	692	635
15-17	406	444
18-19	205	168
20-24	319	285
25-29	338	363
30-34	439	437
35-39	574	555
40-44	592	511
45-49	497	550
50-54	472	470
55-59	373	359
60-64	316	312
65-69	236	239
70-74	269	271
75-79	206	227
80-84	128	157
85&up	93	158
Total	7,221	7,206
Total Male/Female	14,427	

Kandiyohi County, 1999

Age Group	Kandiyohi	
	Male	Female
00-04	1,461	1,352
05-09	1,642	1,547
10-14	1,761	1,730
15-17	1,112	1,026
18-19	830	705
20-24	1,148	1,084
25-29	963	1,017
30-34	1,252	1,347
35-39	1,685	1,582
40-44	1,563	1,490
45-49	1,399	1,381
50-54	1,118	1,207
55-59	869	958
60-64	837	817
65-69	623	750
70-74	686	776
75-79	552	672
80-84	395	555
85&up	314	620
Total	20,210	20,616
Total Male/Female	40,826	

Kittson County, 1999

Age Group	Kittson	
	Male	Female
00-04	154	153
05-09	167	182
10-14	212	192
15-17	119	122
18-19	60	50
20-24	90	75
25-29	97	104
30-34	134	144
35-39	225	183
40-44	201	180
45-49	189	162
50-54	165	152
55-59	122	139
60-64	118	153
65-69	113	123
70-74	129	133
75-79	118	118
80-84	79	109
85&up	77	132
Total	2,569	2,606
Total Male/Female	5,175	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Koochiching County, 1999

Age Group	Koochichi	
	Male	Female
00-04	392	392
05-09	480	447
10-14	601	583
15-17	413	371
18-19	246	214
20-24	394	319
25-29	359	317
30-34	454	435
35-39	658	539
40-44	604	542
45-49	574	532
50-54	494	519
55-59	406	417
60-64	336	367
65-69	317	344
70-74	299	335
75-79	258	299
80-84	145	208
85&up	109	176
Total	7,539	7,356
Total Male/Female	14,895	

Lac Qui Parle County, 1999

Age Group	Lac Qui P	
	Male	Female
00-04	218	217
05-09	264	254
10-14	345	312
15-17	202	196
18-19	69	64
20-24	103	91
25-29	144	143
30-34	225	203
35-39	301	254
40-44	269	257
45-49	261	277
50-54	238	229
55-59	229	208
60-64	215	234
65-69	186	205
70-74	191	205
75-79	168	196
80-84	131	176
85&up	123	210
Total	3,882	3,931
Total Male/Female	7,813	

Lake County, 1999

Age Group	Lake	
	Male	Female
00-04	265	249
05-09	305	305
10-14	388	389
15-17	291	236
18-19	115	109
20-24	161	165
25-29	206	195
30-34	289	288
35-39	426	400
40-44	415	385
45-49	395	375
50-54	391	393
55-59	372	408
60-64	345	328
65-69	314	290
70-74	277	277
75-79	205	254
80-84	130	201
85&up	76	152
Total	5,366	5,399
Total Male/Female	10,765	

Lake of the Woods County, 1999

Age Group	Lake of t	
	Male	Female
00-04	153	181
05-09	172	170
10-14	169	175
15-17	118	109
18-19	49	44
20-24	90	99
25-29	131	101
30-34	149	141
35-39	207	189
40-44	181	143
45-49	169	192
50-54	168	152
55-59	125	139
60-64	89	103
65-69	97	88
70-74	98	89
75-79	75	69
80-84	49	58
85&up	30	60
Total	2,319	2,302
Total Male/Female	4,621	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Le Sueur County, 1999

Age Group	Le Sueur	
	Male	Female
00-04	830	833
05-09	1,018	965
10-14	1,145	1,165
15-17	721	663
18-19	354	293
20-24	639	543
25-29	660	618
30-34	775	719
35-39	1,013	926
40-44	1,050	996
45-49	918	923
50-54	825	774
55-59	627	624
60-64	501	556
65-69	431	460
70-74	425	504
75-79	347	436
80-84	255	364
85&up	203	365
Total	12,737	12,727
Total Male/Female	25,464	

Lincoln County, 1999

Age Group	Lincoln	
	Male	Female
00-04	136	145
05-09	223	220
10-14	283	285
15-17	168	183
18-19	75	61
20-24	106	82
25-29	120	110
30-34	146	121
35-39	226	211
40-44	217	189
45-49	213	212
50-54	208	233
55-59	191	186
60-64	180	163
65-69	144	173
70-74	164	175
75-79	157	171
80-84	123	137
85&up	90	197
Total	3,170	3,254
Total Male/Female	6,424	

Lyon County, 1999

Age Group	Lyon	
	Male	Female
00-04	745	739
05-09	936	889
10-14	1,082	963
15-17	666	572
18-19	460	531
20-24	966	856
25-29	587	611
30-34	669	758
35-39	958	878
40-44	858	833
45-49	773	756
50-54	688	675
55-59	488	564
60-64	470	473
65-69	386	460
70-74	414	505
75-79	347	462
80-84	246	353
85&up	203	436
Total	11,942	12,314
Total Male/Female	24,256	

McLeod County, 1999

Age Group	McLeod	
	Male	Female
00-04	1,287	1,145
05-09	1,283	1,281
10-14	1,544	1,502
15-17	961	875
18-19	504	442
20-24	1,015	811
25-29	979	944
30-34	1,072	1,054
35-39	1,391	1,360
40-44	1,437	1,332
45-49	1,211	1,248
50-54	1,022	1,025
55-59	805	779
60-64	634	710
65-69	517	614
70-74	510	618
75-79	455	581
80-84	333	507
85&up	237	527
Total	17,197	17,355
Total Male/Female	34,552	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Mahnomen County, 1999

Age Group	Mahnomen	
	Male	Female
00-04	142	138
05-09	223	203
10-14	290	269
15-17	176	168
18-19	67	60
20-24	77	87
25-29	110	105
30-34	136	132
35-39	163	159
40-44	175	168
45-49	182	188
50-54	164	161
55-59	141	125
60-64	128	118
65-69	92	117
70-74	98	91
75-79	95	93
80-84	63	77
85&up	41	69
Total	2,563	2,528
Total Male/Female	5,091	

Marshall County, 1999

Age Group	Marshall	
	Male	Female
00-04	269	275
05-09	357	341
10-14	531	462
15-17	322	295
18-19	121	101
20-24	184	153
25-29	209	190
30-34	276	264
35-39	387	369
40-44	379	347
45-49	366	344
50-54	339	331
55-59	254	288
60-64	261	241
65-69	227	220
70-74	231	224
75-79	173	194
80-84	128	172
85&up	104	165
Total	5,118	4,976
Total Male/Female	10,094	

Martin County, 1999

Age Group	Martin	
	Male	Female
00-04	671	#REF!
05-09	794	#REF!
10-14	905	#REF!
15-17	564	#REF!
18-19	255	#REF!
20-24	398	#REF!
25-29	438	#REF!
30-34	652	#REF!
35-39	884	#REF!
40-44	852	#REF!
45-49	783	#REF!
50-54	644	#REF!
55-59	543	#REF!
60-64	473	#REF!
65-69	452	#REF!
70-74	438	#REF!
75-79	417	#REF!
80-84	319	#REF!
85&up	192	#REF!
Total	10,674	#REF!
Total Male/Female	#REF!	

Meeker County, 1999

Age Group	Meeker	
	Male	Female
00-04	724	688
05-09	842	863
10-14	1,007	976
15-17	617	602
18-19	267	243
20-24	468	416
25-29	473	503
30-34	650	585
35-39	890	838
40-44	827	787
45-49	740	764
50-54	699	664
55-59	558	602
60-64	498	493
65-69	415	423
70-74	379	450
75-79	316	418
80-84	240	318
85&up	179	341
Total	10,789	10,974
Total Male/Female	21,763	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Mille Lacs County, 1999

Age Group	Mille Lac	
	Male	Female
00-04	714	659
05-09	833	803
10-14	1,037	919
15-17	565	561
18-19	278	241
20-24	476	452
25-29	483	529
30-34	568	592
35-39	807	800
40-44	821	740
45-49	703	799
50-54	679	675
55-59	534	523
60-64	493	526
65-69	399	396
70-74	392	434
75-79	354	448
80-84	234	357
85&up	173	353
Total	10,543	10,807
Total Male/Female	21,350	

Morrison County, 1999

Age Group	Morrison	
	Male	Female
00-04	1,062	994
05-09	1,359	1,210
10-14	1,540	1,481
15-17	934	824
18-19	434	356
20-24	735	659
25-29	720	718
30-34	887	895
35-39	1,211	1,107
40-44	1,103	1,026
45-49	979	1,004
50-54	840	897
55-59	793	774
60-64	652	706
65-69	550	602
70-74	533	595
75-79	429	532
80-84	304	416
85&up	242	419
Total	15,307	15,215
Total Male/Female	30,522	

Mower County, 1999

Age Group	Mower	
	Male	Female
00-04	1,061	1,013
05-09	1,323	1,164
10-14	1,509	1,396
15-17	933	864
18-19	530	464
20-24	783	795
25-29	809	847
30-34	1,038	986
35-39	1,369	1,277
40-44	1,340	1,275
45-49	1,192	1,241
50-54	1,097	1,179
55-59	1,024	1,177
60-64	982	1,038
65-69	860	959
70-74	795	996
75-79	691	922
80-84	449	719
85&up	302	753
Total	18,087	19,065
Total Male/Female	37,152	

Murray County, 1999

Age Group	Murray	
	Male	Female
00-04	266	249
05-09	319	326
10-14	434	419
15-17	273	223
18-19	109	101
20-24	181	146
25-29	173	185
30-34	227	227
35-39	367	323
40-44	366	320
45-49	325	300
50-54	273	308
55-59	294	326
60-64	253	283
65-69	216	242
70-74	256	238
75-79	199	225
80-84	109	166
85&up	84	188
Total	4,724	4,795
Total Male/Female	9,519	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Nicollet County, 1999

Age Group	Nicollet	
	Male	Female
00-04	955	921
05-09	1,056	1,006
10-14	1,235	1,211
15-17	676	676
18-19	761	815
20-24	1,456	1,463
25-29	783	765
30-34	889	943
35-39	1,304	1,202
40-44	1,304	1,139
45-49	929	1,000
50-54	834	822
55-59	671	690
60-64	494	513
65-69	307	347
70-74	306	320
75-79	253	336
80-84	173	280
85&up	128	309
Total	14,514	14,758
Total Male/Female	29,272	

Nobles County, 1999

Age Group	Nobles	
	Male	Female
00-04	561	557
05-09	676	627
10-14	807	735
15-17	475	480
18-19	308	241
20-24	506	414
25-29	455	423
30-34	573	522
35-39	717	664
40-44	660	652
45-49	643	655
50-54	596	578
55-59	504	591
60-64	444	458
65-69	376	424
70-74	374	474
75-79	353	450
80-84	215	344
85&up	173	408
Total	9,416	9,697
Total Male/Female	19,113	

Norman County, 1999

Age Group	Norman	
	Male	Female
00-04	201	193
05-09	279	241
10-14	312	362
15-17	215	199
18-19	88	60
20-24	123	98
25-29	155	145
30-34	179	205
35-39	292	242
40-44	257	242
45-49	262	238
50-54	247	251
55-59	229	249
60-64	194	193
65-69	171	151
70-74	155	172
75-79	150	171
80-84	139	159
85&up	97	201
Total	3,745	3,772
Total Male/Female	7,517	

Olmsted County, 1999

Age Group	Olmsted	
	Male	Female
00-04	4,474	4,355
05-09	4,605	4,253
10-14	4,735	4,397
15-17	2,699	2,703
18-19	1,643	1,744
20-24	3,298	3,661
25-29	3,931	4,219
30-34	4,668	4,772
35-39	5,224	5,225
40-44	4,855	5,057
45-49	4,553	4,682
50-54	3,699	3,778
55-59	2,720	2,599
60-64	1,818	1,926
65-69	1,508	1,740
70-74	1,291	1,651
75-79	1,003	1,551
80-84	657	1,364
85&up	506	1,513
Total	57,887	61,190
Total Male/Female	119,077	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Otter Tail County, 1999

Age Group	Otter Tai	
	Male	Female
00-04	1,731	1,531
05-09	1,984	1,917
10-14	2,369	2,205
15-17	1,372	1,370
18-19	741	660
20-24	1,166	1,040
25-29	1,184	1,058
30-34	1,540	1,549
35-39	2,176	2,020
40-44	2,099	2,019
45-49	1,933	1,930
50-54	1,805	1,857
55-59	1,659	1,682
60-64	1,422	1,476
65-69	1,118	1,180
70-74	1,130	1,239
75-79	982	1,185
80-84	688	938
85&up	564	1,064
Total	27,663	27,920
Total Male/Female	55,583	

Pennington County, 1999

Age Group	Penningto	
	Male	Female
00-04	415	391
05-09	445	452
10-14	623	549
15-17	390	381
18-19	317	216
20-24	478	334
25-29	323	310
30-34	370	383
35-39	526	482
40-44	535	568
45-49	510	475
50-54	392	416
55-59	318	345
60-64	253	298
65-69	192	218
70-74	204	250
75-79	200	236
80-84	136	225
85&up	133	268
Total	6,760	6,797
Total Male/Female	13,557	

Pine County, 1999

Age Group	Pine	
	Male	Female
00-04	747	686
05-09	912	914
10-14	1,212	1,053
15-17	721	664
18-19	360	262
20-24	592	439
25-29	704	521
30-34	816	719
35-39	1,058	836
40-44	986	771
45-49	894	858
50-54	830	803
55-59	703	689
60-64	632	584
65-69	471	493
70-74	427	444
75-79	353	398
80-84	247	320
85&up	175	322
Total	12,840	11,776
Total Male/Female	24,616	

Pipestone County, 1999

Age Group	Pipestone	
	Male	Female
00-04	350	293
05-09	373	379
10-14	439	412
15-17	249	296
18-19	146	126
20-24	201	197
25-29	227	223
30-34	276	263
35-39	341	337
40-44	332	344
45-49	305	276
50-54	269	324
55-59	243	288
60-64	231	266
65-69	212	245
70-74	211	236
75-79	168	229
80-84	129	191
85&up	103	263
Total	4,805	5,188
Total Male/Female	9,993	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Polk County, 1999

Age Group	Polk	
	Male	Female
00-04	1,016	948
05-09	1,238	1,166
10-14	1,408	1,254
15-17	830	734
18-19	544	512
20-24	777	758
25-29	699	725
30-34	885	846
35-39	1,195	1,145
40-44	1,203	1,072
45-49	1,024	1,006
50-54	880	999
55-59	756	785
60-64	680	666
65-69	525	583
70-74	530	613
75-79	469	597
80-84	337	505
85&up	280	597
Total	15,276	15,511
Total Male/Female	30,787	

Pope County, 1999

Age Group	Pope	
	Male	Female
00-04	344	293
05-09	408	415
10-14	465	467
15-17	292	270
18-19	96	96
20-24	191	157
25-29	196	212
30-34	283	281
35-39	418	361
40-44	403	380
45-49	391	352
50-54	312	355
55-59	291	325
60-64	275	282
65-69	256	251
70-74	260	277
75-79	217	275
80-84	154	213
85&up	138	234
Total	5,390	5,496
Total Male/Female	10,886	

Ramsey County, 1999

Age Group	Ramsey	
	Male	Female
00-04	17,831	17,200
05-09	17,108	15,928
10-14	16,969	16,227
15-17	10,380	9,765
18-19	7,307	8,108
20-24	18,038	19,883
25-29	17,026	17,465
30-34	17,492	18,174
35-39	20,500	20,719
40-44	19,233	19,810
45-49	15,783	16,773
50-54	12,513	13,593
55-59	10,016	11,053
60-64	8,069	9,275
65-69	7,209	9,352
70-74	6,411	8,818
75-79	4,977	8,082
80-84	3,181	6,487
85&up	2,310	7,189
Total	232,353	253,901
Total Male/Female	486,254	

Red Lake County, 1999

Age Group	Red Lake	
	Male	Female
00-04	132	126
05-09	174	172
10-14	180	191
15-17	142	124
18-19	59	39
20-24	82	60
25-29	93	94
30-34	123	119
35-39	166	138
40-44	165	150
45-49	149	135
50-54	142	121
55-59	110	107
60-64	95	98
65-69	76	82
70-74	80	94
75-79	75	82
80-84	52	64
85&up	42	69
Total	2,137	2,065
Total Male/Female	4,202	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Redwood County, 1999

Age Group	Redwood	
	Male	Female
00-04	525	515
05-09	640	570
10-14	705	691
15-17	455	460
18-19	168	156
20-24	347	284
25-29	357	366
30-34	477	408
35-39	585	558
40-44	582	571
45-49	571	574
50-54	508	509
55-59	426	447
60-64	383	395
65-69	322	353
70-74	362	399
75-79	297	347
80-84	193	329
85&up	183	403
Total	8,086	8,335
Total Male/Female	16,421	

Renville County, 1999

Age Group	Renville	
	Male	Female
00-04	496	536
05-09	675	593
10-14	743	715
15-17	448	396
18-19	191	165
20-24	329	269
25-29	334	348
30-34	510	473
35-39	657	558
40-44	580	541
45-49	541	541
50-54	501	489
55-59	482	539
60-64	420	412
65-69	341	379
70-74	364	425
75-79	324	370
80-84	237	318
85&up	190	378
Total	8,363	8,445
Total Male/Female	16,808	

Rice County, 1999

Age Group	Rice	
	Male	Female
00-04	1,744	1,604
05-09	1,984	1,880
10-14	2,200	2,144
15-17	1,297	1,368
18-19	1,582	1,617
20-24	2,733	2,517
25-29	1,483	1,359
30-34	1,858	1,675
35-39	2,204	2,103
40-44	2,151	2,046
45-49	1,932	1,881
50-54	1,650	1,583
55-59	1,194	1,233
60-64	900	911
65-69	621	769
70-74	676	805
75-79	554	682
80-84	354	633
85&up	327	734
Total	27,444	27,544
Total Male/Female	54,988	

Rock County, 1999

Age Group	Rock	
	Male	Female
00-04	290	259
05-09	358	358
10-14	433	419
15-17	281	247
18-19	122	102
20-24	160	173
25-29	207	190
30-34	247	257
35-39	354	334
40-44	369	343
45-49	340	305
50-54	264	294
55-59	230	271
60-64	223	253
65-69	215	253
70-74	210	243
75-79	185	212
80-84	107	201
85&up	95	215
Total	4,690	4,929
Total Male/Female	9,619	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Roseau County, 1999

Age Group	Roseau	
	Male	Female
00-04	687	650
05-09	677	644
10-14	760	726
15-17	481	417
18-19	177	170
20-24	524	444
25-29	545	502
30-34	567	499
35-39	655	595
40-44	612	537
45-49	574	545
50-54	477	454
55-59	354	327
60-64	285	302
65-69	219	209
70-74	228	217
75-79	199	226
80-84	145	181
85&up	102	172
Total	8,268	7,817
Total Male/Female	16,085	

St. Louis County, 1999

Age Group	St. Louis	
	Male	Female
00-04	5,168	4,995
05-09	6,338	5,934
10-14	7,727	7,197
15-17	4,849	4,602
18-19	3,155	2,855
20-24	5,989	5,619
25-29	4,295	4,419
30-34	5,640	5,833
35-39	8,385	8,234
40-44	8,435	7,741
45-49	6,947	6,886
50-54	5,785	6,003
55-59	4,812	5,147
60-64	4,365	4,683
65-69	3,542	4,078
70-74	3,425	4,382
75-79	3,039	4,188
80-84	1,695	3,076
85&up	1,075	2,895
Total	94,666	98,767
Total Male/Female	193,433	

Scott County, 1999

Age Group	Scott	
	Male	Female
00-04	3,573	3,284
05-09	3,567	3,428
10-14	3,751	3,580
15-17	2,377	2,089
18-19	1,205	1,066
20-24	2,472	2,268
25-29	2,774	2,936
30-34	3,605	3,389
35-39	4,032	3,791
40-44	3,834	3,733
45-49	3,421	3,182
50-54	2,559	2,357
55-59	1,700	1,546
60-64	1,072	1,074
65-69	739	715
70-74	578	701
75-79	456	614
80-84	311	475
85&up	204	536
Total	42,230	40,764
Total Male/Female	82,994	

Sherburne County, 1999

Age Group	Sherburne	
	Male	Female
00-04	2,463	2,369
05-09	2,835	2,620
10-14	3,187	2,956
15-17	1,896	1,829
18-19	1,107	990
20-24	2,660	2,177
25-29	2,035	1,981
30-34	2,249	2,312
35-39	2,990	2,791
40-44	2,988	2,820
45-49	2,494	2,319
50-54	1,847	1,599
55-59	1,211	1,045
60-64	806	826
65-69	533	541
70-74	449	527
75-79	331	456
80-84	218	340
85&up	156	403
Total	32,455	30,901
Total Male/Female	63,356	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Sibley County, 1999

Age Group	Sibley	
	Male	Female
00-04	486	468
05-09	531	514
10-14	692	671
15-17	435	353
18-19	194	165
20-24	308	294
25-29	358	344
30-34	419	399
35-39	588	496
40-44	539	502
45-49	497	500
50-54	482	503
55-59	423	455
60-64	372	356
65-69	234	251
70-74	283	342
75-79	253	277
80-84	179	219
85&up	126	266
Total	7,399	7,375
Total Male/Female	14,774	

Stearns County, 1999

Age Group	Stearns	
	Male	Female
00-04	4,360	4,115
05-09	5,047	4,694
10-14	5,657	5,274
15-17	3,538	3,199
18-19	3,383	3,730
20-24	7,400	6,562
25-29	3,782	3,640
30-34	3,905	3,892
35-39	4,887	4,772
40-44	4,737	4,452
45-49	3,801	3,896
50-54	3,246	3,328
55-59	2,786	2,715
60-64	2,140	2,254
65-69	1,894	2,055
70-74	1,707	1,958
75-79	1,449	1,738
80-84	905	1,295
85&up	633	1,255
Total	65,257	64,824
Total Male/Female	130,081	

Steele County, 1999

Age Group	Steele	
	Male	Female
00-04	1,095	1,108
05-09	1,210	1,226
10-14	1,382	1,424
15-17	909	778
18-19	440	401
20-24	856	820
25-29	914	882
30-34	1,010	1,002
35-39	1,403	1,308
40-44	1,267	1,228
45-49	1,093	1,105
50-54	974	1,030
55-59	731	746
60-64	621	709
65-69	495	558
70-74	484	573
75-79	427	527
80-84	258	416
85&up	200	451
Total	15,769	16,292
Total Male/Female	32,061	

Stevens County, 1999

Age Group	Stevens	
	Male	Female
00-04	255	255
05-09	321	297
10-14	374	372
15-17	242	191
18-19	353	435
20-24	598	608
25-29	182	159
30-34	232	241
35-39	334	356
40-44	314	283
45-49	277	259
50-54	238	237
55-59	222	268
60-64	200	228
65-69	169	191
70-74	168	224
75-79	164	182
80-84	102	148
85&up	96	198
Total	4,841	5,132
Total Male/Female	9,973	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov
2000 Minnesota County Health Tables

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Swift County, 1999

Age Group	Swift	
	Male	Female
00-04	280	263
05-09	381	319
10-14	476	460
15-17	335	252
18-19	161	81
20-24	355	168
25-29	374	214
30-34	459	290
35-39	544	318
40-44	517	382
45-49	426	336
50-54	375	318
55-59	294	293
60-64	248	278
65-69	230	269
70-74	234	258
75-79	212	238
80-84	155	213
85&up	116	222
Total	6,172	5,172
Total Male/Female	11,344	

Todd County, 1999

Age Group	Todd	
	Male	Female
00-04	674	757
05-09	981	1,008
10-14	1,241	1,194
15-17	772	711
18-19	392	272
20-24	545	421
25-29	493	484
30-34	658	660
35-39	983	881
40-44	894	825
45-49	883	851
50-54	742	772
55-59	656	667
60-64	588	529
65-69	406	485
70-74	427	443
75-79	376	413
80-84	251	360
85&up	209	336
Total	12,171	12,069
Total Male/Female	24,240	

Traverse County, 1999

Age Group	Traverse	
	Male	Female
00-04	131	95
05-09	137	154
10-14	163	173
15-17	103	93
18-19	30	30
20-24	50	51
25-29	80	80
30-34	109	86
35-39	138	118
40-44	119	132
45-49	125	135
50-54	116	141
55-59	133	160
60-64	116	113
65-69	108	112
70-74	101	125
75-79	112	116
80-84	83	122
85&up	61	117
Total	2,015	2,153
Total Male/Female	4,168	

Wabasha County, 1999

Age Group	Wabasha	
	Male	Female
00-04	694	711
05-09	831	812
10-14	983	884
15-17	525	543
18-19	277	254
20-24	528	446
25-29	521	516
30-34	614	660
35-39	897	776
40-44	871	869
45-49	733	758
50-54	732	676
55-59	516	490
60-64	448	465
65-69	369	366
70-74	381	391
75-79	268	355
80-84	214	304
85&up	160	302
Total	10,562	10,578
Total Male/Female	21,140	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Wadena County, 1999

Age Group	Wadena	
	Male	Female
00-04	419	385
05-09	477	482
10-14	562	593
15-17	360	343
18-19	181	170
20-24	306	253
25-29	260	277
30-34	353	347
35-39	454	460
40-44	460	406
45-49	469	489
50-54	441	413
55-59	322	361
60-64	321	323
65-69	250	315
70-74	272	310
75-79	249	300
80-84	185	250
85&up	149	271
Total	6,490	6,748
Total Male/Female	13,238	

Waseca County, 1999

Age Group	Waseca	
	Male	Female
00-04	633	548
05-09	691	694
10-14	852	841
15-17	540	451
18-19	259	221
20-24	528	440
25-29	518	428
30-34	608	573
35-39	836	740
40-44	843	733
45-49	635	589
50-54	507	495
55-59	394	434
60-64	356	424
65-69	327	350
70-74	307	329
75-79	254	309
80-84	166	279
85&up	130	298
Total	9,384	9,176
Total Male/Female	18,560	

Washington County, 1999

Age Group	Washingto	
	Male	Female
00-04	7,265	7,111
05-09	8,365	8,038
10-14	9,299	8,800
15-17	5,838	5,505
18-19	2,832	2,546
20-24	5,027	5,024
25-29	5,803	5,933
30-34	7,392	7,622
35-39	9,816	9,781
40-44	10,858	10,664
45-49	9,336	8,947
50-54	6,756	6,313
55-59	4,543	4,250
60-64	2,959	2,710
65-69	2,000	2,187
70-74	1,480	1,753
75-79	1,054	1,498
80-84	661	1,108
85&up	443	1,089
Total	101,727	100,879
Total Male/Female	202,606	

Watonwan County, 1999

Age Group	Watonwan	
	Male	Female
00-04	376	359
05-09	436	441
10-14	496	485
15-17	300	248
18-19	129	128
20-24	256	240
25-29	269	246
30-34	349	327
35-39	466	353
40-44	378	367
45-49	399	368
50-54	331	365
55-59	323	330
60-64	253	296
65-69	241	272
70-74	217	275
75-79	205	272
80-84	150	247
85&up	111	244
Total	5,685	5,863
Total Male/Female	11,548	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

Demographics Table 1: Minnesota Population Estimates by Age and Sex, 1999

Wilkin County, 1999

Age Group	Wilkin	
	Male	Female
00-04	240	237
05-09	276	268
10-14	330	309
15-17	204	168
18-19	91	82
20-24	208	136
25-29	169	179
30-34	242	212
35-39	313	254
40-44	250	258
45-49	211	254
50-54	210	225
55-59	210	220
60-64	192	164
65-69	123	131
70-74	107	157
75-79	113	135
80-84	74	148
85&up	62	125
Total	3,625	3,662
Total Male/Female	7,287	

Winona County, 1999

Age Group	Winona	
	Male	Female
00-04	1,375	1,352
05-09	1,618	1,514
10-14	1,794	1,739
15-17	1,127	1,046
18-19	1,385	1,802
20-24	2,637	2,576
25-29	1,226	1,159
30-34	1,309	1,345
35-39	1,846	1,756
40-44	1,810	1,705
45-49	1,499	1,473
50-54	1,317	1,274
55-59	1,039	1,027
60-64	806	937
65-69	682	741
70-74	626	757
75-79	623	770
80-84	419	662
85&up	311	701
Total	23,449	24,336
Total Male/Female	47,785	

Wright County, 1999

Age Group	Wright	
	Male	Female
00-04	3,505	3,388
05-09	3,969	3,807
10-14	4,406	4,213
15-17	2,664	2,430
18-19	1,317	1,197
20-24	2,459	2,342
25-29	2,669	2,681
30-34	3,137	2,961
35-39	3,833	3,697
40-44	3,876	3,690
45-49	3,419	3,268
50-54	2,636	2,428
55-59	1,873	1,730
60-64	1,297	1,239
65-69	941	1,024
70-74	897	956
75-79	743	922
80-84	513	732
85&up	366	639
Total	44,520	43,344
Total Male/Female	87,864	

Yellow Medicine County, 1999

Age Group	Yellow Me	
	Male	Female
00-04	350	301
05-09	423	406
10-14	499	461
15-17	314	254
18-19	168	122
20-24	223	189
25-29	224	235
30-34	303	317
35-39	445	339
40-44	348	367
45-49	391	379
50-54	354	396
55-59	304	329
60-64	288	315
65-69	225	228
70-74	232	294
75-79	223	253
80-84	158	228
85&up	157	268
Total	5,629	5,681
Total Male/Female	11,310	

Source: U.S. Census Bureau: 1997 Census Estimates, www.census.gov

**Demographics Table 2: Minnesota Population Estimates by Race and Hispanicity
By State and County, 1999**

	Race					Ethnicity
	Total	White	Black/ African American	Amer. Indian/ Alaskan Native	Asian/ Pacific Islander	Hispanic/ Latino (any race)
State of Minnesota	4,775,508	4,437,800	148,596	58,575	130,537	92,589
Aitkin	14,293	13,968	26	237	62	74
Anoka	298,948	288,062	2,422	2,558	5,906	4,533
Becker	29,757	27,401	29	2,145	182	206
Beltrami	39,210	31,718	168	7,008	316	260
Benton	34,832	34,301	117	161	253	280
Big Stone	5,571	5,522	5	23	21	29
Blue Earth	53,874	52,136	370	137	1,231	774
Brown	26,903	26,688	23	19	173	251
Carlton	31,492	29,597	188	1,577	130	183
Carver	67,023	65,592	240	182	1,009	576
Cass	27,042	23,695	76	3,163	108	190
Chippewa	13,028	12,910	14	30	74	157
Chisago	42,302	41,769	146	178	209	304
Clay	51,717	50,163	264	645	645	1,919
Clearwater	8,146	7,454	7	670	15	22
Cook	4,772	4,350	12	369	41	22
Cottonwood	11,908	11,755	17	10	126	92
Crow Wing	52,608	51,728	191	404	285	342
Dakota	349,131	331,372	6,796	1,257	9,706	8,448
Dodge	17,396	17,223	22	44	107	310
Douglas	31,274	30,974	26	96	178	148
Faribault	16,247	16,104	18	32	93	485
Fillmore	20,688	20,547	14	47	80	114
Freeborn	31,503	31,218	20	66	199	1,645
Goodhue	43,367	42,623	118	322	304	309
Grant	6,077	6,036	6	16	19	12
Hennepin	1,064,419	906,926	92,839	16,329	48,325	22,822
Houston	19,489	19,296	45	55	93	73
Hubbard	17,031	16,667	6	329	29	71
Isanti	30,887	30,355	124	192	216	229
Itasca	44,154	42,354	89	1,559	152	257
Jackson	11,378	11,100	2	14	262	172
Kanabec	14,427	14,227	38	74	88	116
Kandiyohi	40,826	40,272	153	198	203	2,334
Kittson	5,175	5,151	0	8	16	61
Koochiching	14,895	14,340	49	437	69	234
Lac Qui Parle	7,813	7,747	17	13	36	30
Lake	10,765	10,664	9	62	30	62
Lake of the Woods	4,621	4,572	2	25	22	54
Le Sueur	25,464	25,266	26	58	114	236
Lincoln	6,424	6,401	2	10	11	31
Lyon	24,256	23,903	101	76	176	357
McLeod	34,552	34,178	61	62	251	502
Mahnomen	5,091	3,780	1	1,303	7	45
Marshall	10,094	10,024	3	47	20	161
Martin	21,792	21,611	13	36	132	207
Meeker	21,763	21,525	50	33	155	406
Mille Lacs	21,350	20,458	52	769	71	163
Morrison	30,522	30,298	57	91	76	170
Mower	37,152	36,523	104	53	472	399
Murray	9,519	9,487	0	4	28	35

**Demographics Table 2: Minnesota Population Estimates by Race and Hispanicity
By State and County, 1999**

	Race					Ethnicity
	Total	White	Black/ African American	Amer. Indian/ Alaskan Native	Asian/ Pacific Islander	Hispanic/ Latino (any race)
State of Minnesota	4,775,508	4,437,800	148,596	58,575	130,537	92,589
Nicollet	29,272	28,765	112	61	334	352
Nobles	19,113	18,365	59	81	608	387
Norman	7,517	7,409	4	78	26	103
Olmsted	119,077	111,596	1,257	350	5,874	1,747
Otter Tail	55,583	54,903	57	289	334	401
Pennington	13,557	13,351	18	108	80	180
Pine	24,616	23,634	366	460	156	515
Pipestone	9,993	9,709	7	150	127	67
Polk	30,787	30,092	128	425	142	1,737
Pope	10,886	10,830	9	25	22	14
Ramsey	486,254	409,970	33,649	4,955	37,680	21,747
Red Lake	4,202	4,183	3	12	4	67
Redwood	16,421	16,048	31	295	47	137
Renville	16,808	16,658	10	63	77	334
Rice	54,988	53,405	409	188	986	976
Rock	9,619	9,538	18	34	29	50
Roseau	16,085	15,723	4	175	183	49
St. Louis	193,433	186,234	1,546	3,963	1,690	1,488
Scott	82,994	80,556	565	597	1,276	968
Sherburne	63,356	62,153	378	301	524	629
Sibley	14,774	14,691	7	17	59	223
Stearns	130,081	127,557	686	386	1,452	927
Steele	32,061	31,650	75	59	277	947
Stevens	9,973	9,677	76	49	171	79
Swift	11,344	10,786	352	136	70	290
Todd	24,240	24,075	15	64	86	107
Traverse	4,168	4,021	0	124	23	9
Wabasha	21,140	20,916	19	51	154	149
Wadena	13,238	13,085	12	84	57	86
Waseca	18,560	18,186	148	94	132	274
Washington	202,606	194,890	2,933	1,007	3,776	4,329
Watonwan	11,548	11,416	14	37	81	925
Wilkin	7,287	7,198	4	43	42	73
Winona	47,785	46,571	282	118	814	550
Wright	87,864	86,777	160	344	583	620
Yellow Medicine	11,310	11,151	5	119	35	141

Source: US Census

**Demographics Table 3: Selected Minnesota Population Statistics
By State and County, 1999**

	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	585,394	12.3	18.6	51.7	1,417,777	33.1	1,054,543
Aitkin	3,150	22.0	37.2	68.6	3,627	31.4	2,192
Anoka	25,816	8.6	12.8	47.7	95,725	34.9	69,221
Becker	4,574	15.4	24.9	62.1	9,288	37.2	5,530
Beltrami	4,449	11.3	17.7	55.9	13,435	38.2	8,776
Benton	3,621	10.4	16.1	54.9	11,521	38.8	7,973
Big Stone	1,305	23.4	41.5	77.0	1,502	35.6	877
Blue Earth	7,155	13.3	19.5	46.8	15,734	27.3	13,105
Brown	4,790	17.8	29.3	64.5	7,961	35.2	5,276
Carlton	4,647	14.8	23.2	57.1	9,348	33.9	5,914
Carver	5,241	7.8	11.6	48.7	21,846	37.1	15,326
Cass	4,582	16.9	27.8	64.0	7,895	36.2	4,587
Chippewa	2,559	19.6	33.5	70.6	3,769	37.1	2,290
Chisago	4,340	10.3	15.9	54.8	14,197	38.9	8,775
Clay	6,400	12.4	18.4	48.7	16,273	30.3	12,714
Clearwater	1,371	16.8	28.0	66.4	2,590	38.4	1,406
Cook	808	16.9	26.3	55.1	1,193	28.9	921
Cottonwood	2,652	22.3	38.6	73.4	3,280	34.8	1,970
Crow Wing	8,759	16.6	26.9	61.4	15,343	34.5	9,981
Dakota	24,577	7.0	10.3	45.7	111,242	35.4	85,559
Dodge	2,056	11.8	18.9	60.2	5,925	41.3	3,593
Douglas	5,654	18.1	29.9	65.6	9,285	35.6	5,715
Faribault	3,566	21.9	38.2	74.1	4,488	35.9	2,620
Fillmore	4,056	19.6	33.4	70.6	6,162	37.1	3,583
Freeborn	6,107	19.4	32.0	64.9	8,567	32.9	5,568
Goodhue	6,634	15.3	24.5	60.4	13,055	35.9	8,467
Grant	1,348	22.2	38.8	74.7	1,651	36.0	944
Hennepin	118,930	11.2	16.1	44.1	278,079	28.0	257,580
Houston	3,017	15.5	25.1	62.2	5,942	37.1	3,791
Hubbard	2,925	17.2	27.9	62.4	4,894	34.5	2,948
Isanti	3,151	10.2	15.7	54.2	10,498	38.5	6,530
Itasca	7,316	16.6	26.7	61.1	13,189	34.4	8,413
Jackson	2,189	19.2	32.5	68.9	3,306	36.4	1,972
Kanabec	1,984	13.8	22.1	60.6	4,681	38.5	2,763
Kandiyohi	5,943	14.6	23.4	60.8	13,166	37.4	8,251
Kittson	1,131	21.9	37.9	73.4	1,411	35.5	858
Koochiching	2,490	16.7	26.2	56.6	4,139	30.4	2,737
Lac Qui Parle	1,791	22.9	40.6	77.1	2,141	36.5	1,208
Lake	2,176	20.2	32.5	61.0	2,652	28.4	1,778
Lake of the Woods	713	15.4	24.7	60.0	1,340	35.3	826
Le Sueur	3,790	14.9	24.1	62.0	7,987	37.9	4,758
Lincoln	1,531	23.8	42.5	78.4	1,779	35.9	957
Lyon	3,812	15.7	25.3	60.7	7,583	35.5	5,039
McLeod	4,899	14.2	22.7	59.9	10,824	37.2	6,818
Mahnomen	836	16.4	28.0	70.3	1,736	42.3	879
Marshall	1,838	18.2	30.5	67.6	3,074	37.1	1,719
Martin	4,351	20.0	33.8	69.1	6,127	35.3	3,819
Meeker	3,479	16.0	26.4	65.1	6,829	38.7	3,974
Mille Lacs	3,540	16.6	27.6	66.2	6,610	38.7	3,915
Morrison	4,622	15.1	25.3	67.2	10,194	41.9	5,585
Mower	7,446	20.0	33.5	67.1	10,257	33.6	6,508
Murray	1,923	20.2	34.4	70.5	2,719	36.1	1,525
Nicollet	2,759	9.4	13.7	45.4	9,312	31.7	7,003

**Demographics Table 3: Selected Minnesota Population Statistics
By State and County, 1999**

	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	585,394	12.3	18.6	51.7	1,417,777	33.1	1,054,543
Nobles	3,591	18.8	31.1	65.4	5,467	34.3	3,396
Norman	1,566	20.8	35.9	72.3	2,150	36.4	1,191
Olmsted	12,784	10.7	16.1	49.8	35,608	33.7	27,381
Otter Tail	10,088	18.1	29.9	64.7	15,880	34.8	9,716
Pennington	2,062	15.2	23.9	57.3	4,179	33.4	2,674
Pine	3,650	14.8	23.6	59.4	7,531	35.8	4,212
Pipestone	1,987	19.9	34.5	73.5	3,063	39.0	1,786
Polk	5,036	16.4	26.9	64.5	9,650	37.6	5,792
Pope	2,275	20.9	36.6	75.0	3,146	38.5	1,757
Ramsey	64,016	13.2	19.9	51.5	136,823	31.5	113,924
Red Lake	716	17.0	28.5	67.3	1,339	38.8	724
Redwood	3,188	19.4	33.3	71.3	4,885	38.0	2,803
Renville	3,326	19.8	34.2	72.9	4,958	38.6	2,750
Rice	6,155	11.2	16.5	47.5	17,420	31.0	12,685
Rock	1,936	20.1	34.8	72.8	2,869	38.0	1,646
Roseau	1,898	11.8	18.9	60.2	5,389	41.3	3,164
St. Louis	31,395	16.2	25.2	55.1	52,820	30.0	39,303
Scott	5,329	6.4	9.4	46.9	27,920	37.5	19,272
Sherburne	3,954	6.2	9.2	47.4	22,252	38.2	14,900
Sibley	2,430	16.4	27.1	64.5	4,509	37.4	2,553
Stearns	14,889	11.4	17.3	51.2	42,997	33.9	30,247
Steele	4,389	13.7	21.7	58.5	9,973	36.8	6,419
Stevens	1,642	16.5	25.4	54.5	3,095	29.0	2,273
Swift	2,147	18.9	30.6	61.6	3,008	31.0	1,705
Todd	3,706	15.3	25.2	65.1	8,002	39.9	4,254
Traverse	1,057	25.4	46.8	84.6	1,109	37.8	590
Wabasha	3,110	14.7	23.7	61.2	6,514	37.5	4,064
Wadena	2,551	19.3	32.8	70.4	3,972	37.6	2,256
Waseca	2,749	14.8	23.8	60.7	5,730	36.9	3,586
Washington	13,273	6.6	9.5	44.2	65,599	34.8	47,075
Watonwan	2,234	19.3	33.2	71.8	3,398	38.6	1,909
Wilkin	1,175	16.1	26.4	63.7	2,205	37.3	1,289
Winona	6,292	13.2	19.6	48.9	14,752	29.3	11,389
Wright	7,733	8.8	13.6	54.6	30,896	41.0	18,998
Yellow Medicine	2,266	20.0	34.3	71.3	3,298	36.9	1,823

Source: U.S. Census Bureau: Census Estimates, 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, 1999**

	Population	Land Area in Square Miles	Population per Square Mile	Number of Households	Percent Change in Number of Households 1996-1997
State of Minnesota	4,775,508	79,617	60.0	1,859,277	1.5
Aitkin	14,293	1,819	7.9	6,061	1.8
Anoka	298,948	424	705.1	103,423	2.6
Becker	29,757	1,311	22.7	11,501	1.1
Beltrami	39,210	2,505	15.7	13,817	2.0
Benton	34,832	408	85.4	13,074	2.0
Big Stone	5,571	497	11.2	2,330	-0.9
Blue Earth	53,874	752	71.6	20,589	0.6
Brown	26,903	611	44.0	10,839	0.4
Carlton	31,492	860	36.6	11,783	0.6
Carver	67,023	357	187.7	23,524	4.6
Cass	27,042	2,018	13.4	10,112	2.8
Chippewa	13,028	583	22.3	5,380	2.0
Chisago	42,302	418	101.2	14,744	4.6
Clay	51,717	1,045	49.5	19,284	0.8
Clearwater	8,146	995	8.2	3,206	-0.1
Cook	4,772	1,451	3.3	1,990	2.3
Cottonwood	11,908	640	18.6	5,121	-0.4
Crow Wing	52,608	997	52.8	20,935	2.6
Dakota	349,131	570	612.5	126,748	2.5
Dodge	17,396	440	39.5	6,299	1.6
Douglas	31,274	634	49.3	12,577	1.6
Faribault	16,247	714	22.8	6,740	0.1
Fillmore	20,688	861	24.0	8,110	0.2
Freeborn	31,503	708	44.5	13,068	0.0
Goodhue	43,367	759	57.1	16,754	0.9
Grant	6,077	547	11.1	2,496	-0.3
Hennepin	1,064,419	557	1,911.0	449,330	0.9
Houston	19,489	558	34.9	7,443	1.2
Hubbard	17,031	923	18.5	6,907	2.5
Isanti	30,887	439	70.4	10,894	3.2
Itasca	44,154	2,665	16.6	16,940	0.7
Jackson	11,378	702	16.2	4,649	-0.3
Kanabec	14,427	525	27.5	5,488	1.7
Kandiyohi	40,826	796	51.3	16,056	0.8
Kittson	5,175	1,097	4.7	2,210	-0.5
Koochiching	14,895	3,102	4.8	6,115	-0.3
Lac Qui Parle	7,813	765	10.2	3,404	-0.9
Lake	10,765	2,099	5.1	4,451	0.4
Lake of the Woods	4,621	1,297	3.6	1,812	1.5
Le Sueur	25,464	449	56.7	9,466	1.5
Lincoln	6,424	537	12.0	2,657	-0.6
Lyon	24,256	714	34.0	9,738	0.4
McLeod	34,552	492	70.2	13,438	2.0
Mahnomen	5,091	556	9.2	1,937	-0.1
Marshall	10,094	1,772	5.7	4,115	-0.1
Martin	21,792	709	30.7	9,276	0.1
Meeker	21,763	609	35.7	8,283	0.6
Mille Lacs	21,350	575	37.1	8,064	1.6
Morrison	30,522	1,125	27.1	11,577	1.5
Mower	37,152	712	52.2	15,491	0.4
Murray	9,519	705	13.5	3,825	0.2
Nicollet	29,272	452	64.8	10,667	1.1

**Demographics Table 4: Selected Minnesota Demographics
By State and County, 1999**

	Population	Land Area in Square Miles	Population per Square Mile	Number of Households	Percent Change in Number of Households 1996-1997
State of Minnesota	4,775,508	79,617	60.0	1,859,277	1.5
Nobles	19,113	716	26.7	7,894	-1.5
Norman	7,517	876	8.6	3,076	-0.1
Olmsted	119,077	653	182.4	47,247	2.4
Otter Tail	55,583	1,980	28.1	21,843	1.7
Pennington	13,557	617	22.0	5,471	0.3
Pine	24,616	1,411	17.4	9,083	2.6
Pipestone	9,993	466	21.4	4,122	-0.3
Polk	30,787	1,971	15.6	12,119	0.9
Pope	10,886	670	16.2	4,368	0.4
Ramsey	486,254	156	3,117.0	200,184	0.4
Red Lake	4,202	432	9.7	1,742	0.0
Redwood	16,421	880	18.7	6,735	0.1
Renville	16,808	983	17.1	6,858	0.2
Rice	54,988	498	110.4	18,818	1.9
Rock	9,619	483	19.9	3,851	0.1
Roseau	16,085	1,663	9.7	6,095	0.8
St. Louis	193,433	6,226	31.1	81,435	0.3
Scott	82,994	357	232.5	28,287	5.5
Sherburne	63,356	437	145.0	20,853	5.3
Sibley	14,774	589	25.1	5,664	0.8
Stearns	130,081	1,345	96.7	46,439	1.9
Steele	32,061	430	74.6	12,632	1.6
Stevens	9,973	562	17.7	3,936	-0.2
Swift	11,344	744	15.2	4,310	-0.4
Todd	24,240	942	25.7	9,185	1.5
Traverse	4,168	574	7.3	1,746	-0.4
Wabasha	21,140	525	40.3	8,030	1.6
Wadena	13,238	536	24.7	5,210	0.0
Waseca	18,560	423	43.9	7,065	0.6
Washington	202,606	392	516.9	69,630	3.2
Watsonwan	11,548	435	26.5	4,614	-0.1
Wilkin	7,287	752	9.7	2,832	0.8
Winona	47,785	626	76.3	18,340	0.7
Wright	87,864	661	132.9	30,150	3.6
Yellow Medicine	11,310	758	14.9	4,675	-0.1

Sources: Population - U.S. Census Bureau: 2007 Census Estimates, www.census.gov; Number of Households - Minnesota State Demographer

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 5: Selected Minnesota Socioeconomic Statistics by State and County

	Total Income per Capita, 1999	Unemployed Annual Average, 1999		Food Stamp Utilization - Avg Monthly 1999	WIC Participants - Unduplicated 1999	Percent - All Ages in Poverty 1999
		Number	Percent			
State of Minnesota	\$30,106	75,453	2.8	93,554	177,350	7.5
Aitkin	\$20,311	449	7.5	423	704	11.7
Anoka	\$28,706	3,968	2.2	3,590	8,370	4.7
Becker	\$22,260	772	5.5	895	1,774	12.1
Beltrami	\$20,211	1,010	5.2	2,015	3,384	16.9
Benton	\$23,688	636	3.1	518	1,301	7.2
Big Stone	\$21,717	102	3.8	124	315	11.2
Blue Earth	\$25,469	778	2.3	840	1,983	9.0
Brown	\$24,237	529	3.6	354	936	6.6
Carlton	\$22,700	674	4.2	715	1,914	8.5
Carver	\$36,063	848	2.2	302	1,113	3.3
Cass	\$22,475	734	6.0	712	1,652	13.4
Chippewa	\$24,565	337	5.0	180	790	8.7
Chisago	\$26,912	692	3.3	425	1,300	5.6
Clay	\$21,905	734	2.5	1,406	2,342	10.6
Clearwater	\$18,410	468	11.2	312	417	14.1
Cook	\$26,196	111	3.8	47	197	6.9
Cottonwood	\$22,270	247	4.5	203	528	9.8
Crow Wing	\$22,377	1,224	4.4	1,109	2,665	9.2
Dakota	\$34,567	3,945	1.9	2,757	7,310	4.0
Dodge	\$25,435	290	3.2	171	556	5.7
Douglas	\$23,407	562	3.4	494	1,429	8.4
Faribault	\$22,273	304	3.9	272	514	9.2
Fillmore	\$22,815	326	3.3	283	630	8.7
Freeborn	\$22,694	442	2.6	606	1,134	8.5
Goodhue	\$26,618	679	2.9	353	1,090	5.2
Grant	\$23,074	151	5.4	114	256	9.3
Hennepin	\$40,078	14,168	2.2	29,141	35,470	8.0
Houston	\$24,911	389	3.6	234	583	6.7
Hubbard	\$20,859	405	4.9	425	931	11.0
Isanti	\$24,373	558	3.5	422	1,281	6.4
Itasca	\$21,165	1,424	7.2	849	1,945	10.2
Jackson	\$21,779	195	3.2	142	358	8.2
Kanabec	\$20,539	448	6.6	255	652	9.7
Kandiyohi	\$25,681	743	3.5	911	2,431	9.4
Kittson	\$24,426	132	5.8	85	350	9.9
Koochiching	\$23,254	430	6.8	390	565	11.2
Lac Qui Parle	\$22,889	126	3.4	95	328	8.2
Lake	\$22,554	207	3.8	112	297	7.4
Lake of the Woods	\$18,284	117	4.8	58	188	9.0
Le Sueur	\$25,998	491	3.3	288	696	6.4
Lincoln	\$20,986	113	3.7	92	226	9.7
Lyon	\$25,441	396	2.6	372	1,331	8.4
McLeod	\$26,535	664	3.3	331	1,276	5.6
Mahnomen	\$18,551	163	7.5	233	461	17.1
Marshall	\$20,760	434	9.8	164	470	9.9
Martin	\$24,121	377	3.5	461	840	9.7
Meeker	\$22,688	502	5.4	293	1,121	7.3
Mille Lacs	\$21,338	581	6.2	456	1,266	9.2
Morrison	\$20,172	905	6.1	532	1,547	9.9
Mower	\$24,575	403	2.1	789	1,618	8.5
Murray	\$23,198	177	4.2	98	274	7.7
Nicollet	\$24,833	350	1.9	346	808	6.8

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

	Total Income per Capita, 1999	Unemployed Annual Average, 1999		Food Stamp Utilization - Avg Monthly 1999	WIC Participants - Unduplicated 1999	Percent - All Ages in Poverty 1999
		Number	Percent			
State of Minnesota	\$30,106	75,453	2.8	93,554	177,350	7.5
Nobles	\$22,109	301	3.2	412	1,276	10.0
Norman	\$23,510	165	5.1	162	262	10.8
Olmsted	\$31,102	1,457	2.0	1,731	3,859	6.1
Otter Tail	\$22,081	1,156	4.3	925	2,225	9.5
Pennington	\$24,411	461	5.8	291	875	9.8
Pine	\$19,951	704	6.2	561	1,095	10.4
Pipestone	\$20,763	140	2.9	168	402	8.6
Polk	\$22,031	619	3.8	929	1,706	11.2
Pope	\$22,580	167	3.1	163	447	8.9
Ramsey	\$31,275	6,447	2.3	15,648	27,245	9.6
Red Lake	\$19,166	172	9.4	91	263	8.9
Redwood	\$23,172	251	2.9	205	759	8.1
Renville	\$23,149	379	4.7	266	973	8.9
Rice	\$22,978	819	2.9	583	2,030	6.3
Rock	\$23,266	132	2.9	96	275	7.1
Roseau	\$22,304	356	4.1	134	968	6.8
St. Louis	\$24,863	4,116	4.0	6,126	7,355	9.7
Scott	\$30,894	1,092	2.3	476	1,409	3.5
Sherburne	\$24,507	893	2.7	446	1,832	4.4
Sibley	\$20,986	262	4.0	160	862	7.5
Stearns	\$23,924	2,262	3.0	1,571	3,973	6.9
Steele	\$26,190	488	2.5	412	1,330	6.1
Stevens	\$23,651	158	2.9	179	339	8.6
Swift	\$19,800	214	3.9	217	727	9.4
Todd	\$18,382	479	5.2	551	1,263	11.6
Traverse	\$21,684	96	5.8	98	227	11.3
Wabasha	\$25,447	304	2.4	214	622	6.2
Wadena	\$19,132	380	5.4	420	949	12.4
Waseca	\$22,432	303	3.2	289	724	7.4
Washington	\$34,073	2,126	1.9	1,251	3,200	3.4
Watonwan	\$21,729	218	3.8	192	1,021	8.9
Wilkin	\$22,713	88	2.3	132	322	9.0
Winona	\$23,400	734	2.7	670	1,566	8.8
Wright	\$25,957	1,381	2.9	746	2,394	4.9
Yellow Medicine	\$21,716	226	4.3	138	545	8.2

Sources: Total Per Capita Income - MN State Demographer; Unemployment Annual Average - Minnesota Department of Economic Security; Food Stamps - Minnesota Department of Human Services; WIC - Minnesota Department of Health All Ages in Poverty - US Census, Small Area Income and Poverty Estimates (SAIPE)

Total Per Capital Income: These data were from the Minnesota State Demographer

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.

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 6: Minnesota Family Investment Program -Medical Assistance (AFDC-MA) and General Assistance Medical Care (GAMC) Average Monthly Enrollment By State and County, 1999

	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	8,042	35,761	54,434	17,191	9,948	36,131	7,145
Aitkin	17	98	156	58	30	112	43
Anoka	336	1,562	1,972	618	362	1,688	244
Becker	80	289	457	165	99	311	87
Beltrami	194	929	1,497	506	284	954	185
Benton	29	177	163	67	38	169	48
Big Stone	4	21	32	14	9	26	12
Blue Earth	70	291	350	126	73	297	95
Brown	19	97	120	50	32	87	22
Carlton	62	201	346	125	69	254	57
Carver	25	106	170	50	29	115	28
Cass	77	288	537	176	109	315	64
Chippewa	15	45	56	20	14	47	19
Chisago	39	165	273	78	47	182	50
Clay	123	487	739	196	110	506	95
Clearwater	22	68	164	57	32	95	18
Cook	1	9	17	6	2	12	10
Cottonwood	10	62	88	25	10	54	26
Crow Wing	84	336	487	142	90	360	93
Dakota	289	1,212	1,589	486	297	1,298	168
Dodge	9	45	60	25	15	44	12
Douglas	31	130	157	62	41	148	35
Faribault	15	77	107	38	21	73	22
Fillmore	9	47	70	29	17	56	36
Freeborn	61	219	288	86	54	235	38
Goodhue	29	104	158	48	32	117	41
Grant	3	23	33	17	9	27	11
Hennepin	2,608	11,546	18,156	5,637	3,264	11,309	2,044
Houston	10	64	81	17	8	62	25
Hubbard	36	119	191	74	39	147	34
Isanti	49	178	221	66	40	193	45
Itasca	61	239	452	149	81	273	121
Jackson	13	46	71	31	21	48	14
Kanabec	15	78	130	33	17	87	25
Kandiyohi	79	330	430	151	95	318	77
Kittson	4	19	25	10	7	26	8
Koochiching	23	85	154	51	27	110	41
Lac Qui Parle	6	20	26	8	4	22	16
Lake	5	31	49	12	8	39	23
Lake of the Woods	1	5	12	2	2	10	6
Le Sueur	21	95	136	40	24	100	21
Lincoln	3	13	23	6	5	14	5
Lyon	34	122	155	56	39	119	41
McLeod	45	153	146	48	35	132	32
Mahnomen	34	113	183	60	34	101	16
Marshall	10	32	64	14	9	47	15
Martin	43	116	164	66	37	138	40
Meeker	14	80	105	39	21	81	19
Mille Lacs	44	195	334	103	63	223	40
Morrison	41	149	255	75	42	181	49
Mower	56	216	294	86	56	239	75

Demographics Table 6: Minnesota Family Investment Program -Medical Assistance (AFDC-MA) and General Assistance Medical Care (GAMC) Average Monthly Enrollment By State and County, 1999

	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	8,042	35,761	54,434	17,191	9,948	36,131	7,145
Murray	2	13	25	4	2	18	10
Nicollet	36	138	136	68	42	142	37
Nobles	48	182	188	71	42	139	38
Norman	10	37	71	19	11	44	11
Olmsted	180	729	1,096	403	225	751	174
Otter Tail	54	255	381	121	71	280	74
Pennington	17	76	111	40	25	94	29
Pine	49	182	322	85	52	212	43
Pipestone	9	35	48	19	11	41	11
Polk	64	334	487	158	91	356	77
Pope	6	30	41	19	15	33	22
Ramsey	1,493	7,517	12,524	3,844	2,145	6,828	801
Red Lake	4	10	22	8	6	17	14
Redwood	14	66	90	31	19	56	14
Renville	28	90	126	42	24	86	23
Rice	69	236	302	90	51	234	39
Rock	11	27	50	13	6	30	7
Roseau	8	44	41	17	10	36	14
St. Louis	391	1,663	2,364	775	441	1,949	605
Scott	52	206	290	86	56	229	41
Sherburne	53	210	276	77	51	251	46
Sibley	20	60	88	30	15	55	11
Stearns	117	547	708	204	123	584	174
Steele	32	196	249	81	44	173	38
Stevens	1	19	33	16	11	35	17
Swift	13	51	70	21	12	49	13
Todd	30	146	264	100	57	181	48
Traverse	4	24	45	8	6	30	6
Wabasha	15	60	76	30	19	70	14
Wadena	29	104	176	51	26	122	36
Waseca	31	109	133	49	29	118	17
Washington	104	553	735	215	129	605	77
Watonwan	16	72	104	36	23	58	16
Wilkin	12	46	71	21	13	51	10
Winona	37	231	300	91	51	205	62
Wright	69	307	398	117	76	335	71
Yellow Medicine	10	29	48	26	18	36	15

Source: Minnesota Department of Human Services

MFIP-MA: Medical Assistance eligibility 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 7:
Minnesota Medical Assistance and MinnesotaCare Programs, Average Monthly Enrollment
By State and County, 1999**

	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	11,152	25,371	29,494	13,440	33,855	1,563	10,187	27,573	14,933	26,687
Aitkin	46	152	210	83	176	15	80	219	148	233
Anoka	697	1,453	1,498	626	1,713	69	529	1,320	615	1,243
Becker	108	285	372	148	282	18	117	390	243	351
Beltrami	151	380	477	231	453	26	140	412	239	455
Benton	103	231	218	97	273	13	85	196	96	193
Big Stone	24	53	58	24	64	1	31	129	77	85
Blue Earth	139	286	315	171	429	13	97	258	130	266
Brown	60	155	161	59	170	6	35	146	90	111
Carlton	74	220	297	97	279	10	75	216	119	245
Carver	87	170	187	83	179	15	101	231	86	215
Cass	79	191	323	132	239	23	119	410	245	408
Chippewa	54	126	120	63	100	6	51	106	69	104
Chisago	85	207	272	90	241	17	120	339	182	300
Clay	130	320	453	206	489	19	100	262	138	263
Clearwater	21	74	121	38	87	5	44	138	92	128
Cook	6	26	15	4	26	1	16	45	15	50
Cottonwood	44	110	126	59	103	3	39	119	44	90
Crow Wing	190	405	481	175	482	37	227	653	336	632
Dakota	489	988	1,061	484	1,306	60	481	1,130	508	1,165
Dodge	64	114	110	36	91	1	35	93	51	76
Douglas	101	234	265	125	247	25	121	344	210	334
Faribault	50	137	139	68	136	4	35	118	76	115
Fillmore	85	164	175	72	147	8	56	189	99	152
Freeborn	78	201	233	107	262	9	55	180	115	193
Goodhue	81	162	180	86	214	8	71	150	98	171
Grant	19	59	75	25	50	2	19	76	73	80
Hennepin	2,256	4,572	5,428	2,930	7,746	267	1,522	3,641	1,805	3,872
Houston	43	103	146	70	132	1	32	109	71	100
Hubbard	47	169	191	85	163	18	111	313	185	296
Isanti	75	181	229	106	198	14	97	251	142	227
Itasca	124	423	545	216	481	29	214	518	308	685
Jackson	25	58	67	42	74	5	31	95	47	85
Kanabec	42	124	174	70	162	11	65	159	91	145
Kandiyohi	177	428	436	172	385	20	153	412	246	343
Kittson	13	47	33	14	38	2	22	66	25	45
Koochiching	37	93	132	70	147	8	58	156	93	197
Lac Qui Parle	27	66	78	35	60	2	43	97	61	74
Lake	23	55	89	43	85	7	33	69	52	102
Lake of the Woods	10	36	42	21	30	4	24	77	44	78
Le Sueur	59	161	195	68	146	4	32	129	58	98
Lincoln	17	49	57	21	50	5	33	94	52	71
Lyon	107	225	175	95	230	6	64	153	101	158
McLeod	88	187	182	67	191	10	64	160	74	165
Mahnomen	30	80	79	37	56	0	14	47	33	44
Marshall	31	78	91	41	69	4	40	134	82	101
Martin	58	167	231	109	193	7	45	156	82	134
Meeker	66	171	145	63	151	18	81	227	104	164
Mille Lacs	63	155	163	86	178	15	73	245	145	226
Morrison	96	244	283	132	263	27	160	509	310	415
Mower	156	356	418	155	394	8	64	201	118	223

**Demographics Table 7:
Minnesota Medical Assistance and MinnesotaCare Programs, Average Monthly Enrollment
By State and County, 1999**

	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	11,152	25,371	29,494	13,440	33,855	1,563	10,187	27,573	14,933	26,687
Murray	29	80	72	25	48	4	25	76	55	74
Nicollet	50	138	131	77	150	4	33	104	48	100
Nobles	96	238	181	64	175	6	39	134	75	114
Norman	20	43	75	29	56	3	39	106	82	92
Olmsted	287	535	487	263	737	16	160	436	222	445
Otter Tail	207	469	435	183	444	30	217	697	464	582
Pennington	36	112	103	59	122	11	33	104	95	124
Pine	72	170	240	102	237	17	114	278	166	263
Pipestone	19	65	73	41	80	4	33	91	64	73
Polk	75	227	286	147	301	17	110	317	200	293
Pope	27	73	140	43	93	4	47	181	122	132
Ramsey	1,158	2,571	3,257	1,508	4,486	202	1,068	2,612	1,187	2,338
Red Lake	17	43	58	19	36	2	13	88	51	70
Redwood	49	119	150	46	124	7	44	159	94	126
Renville	68	167	176	63	118	6	48	182	92	123
Rice	140	288	310	134	317	12	68	209	134	221
Rock	23	41	65	21	55	2	23	73	52	64
Roseau	39	102	111	49	73	3	44	115	82	95
St. Louis	454	1,142	1,541	744	2,235	63	443	1,238	751	1,605
Scott	113	258	259	106	234	21	118	291	108	255
Sherburne	116	250	262	97	277	30	174	368	151	329
Sibley	52	103	103	43	99	4	28	117	64	90
Stearns	272	662	701	284	871	39	277	617	360	664
Steele	87	226	206	115	190	5	38	125	67	129
Stevens	30	56	48	24	70	3	20	63	49	61
Swift	53	116	134	58	94	4	45	167	91	126
Todd	81	191	274	110	215	23	132	364	259	298
Traverse	12	41	73	22	37	1	21	53	46	45
Wabasha	46	97	86	55	122	3	37	145	77	116
Wadena	45	159	193	71	178	17	89	228	136	211
Waseca	53	124	152	69	110	4	30	74	53	97
Washington	172	422	573	241	613	41	232	660	297	640
Watonwan	78	166	138	45	109	5	23	88	54	68
Wilkin	18	39	47	22	47	3	16	59	38	58
Winona	105	268	293	113	358	13	93	254	152	239
Wright	177	363	420	176	399	31	218	624	297	486
Yellow Medicine	38	72	98	43	84	3	35	149	67	97

Source: Minnesota Department of Human Services

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

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

**Demographics Table 8: Selected Education Statistics by State and County
1999-2000 School Year, October 1, 1999**

	School Enrollment	Students who Receive Special Education	
		Number	Percent
State of Minnesota	942,451	110,793	11.8
Aitkin	2,430	339	14.0
Anoka	69,087	7,775	11.3
Becker	5,192	791	15.2
Beltrami	8,709	1,142	13.1
Benton	5,743	759	13.2
Big Stone	1,211	161	13.3
Blue Earth	11,214	1,443	12.9
Brown	6,287	489	7.8
Carlton	6,713	751	11.2
Carver	14,270	1,494	10.5
Cass	5,384	830	15.4
Chippewa	2,526	368	14.6
Chisago	8,425	851	10.1
Clay	9,697	1,512	15.6
Clearwater	1,716	244	14.2
Cook	730	104	14.2
Cottonwood	2,089	326	15.6
Crow Wing	10,388	1,276	12.3
Dakota	78,358	9,782	12.5
Dodge	4,113	429	10.4
Douglas	6,151	756	12.3
Faribault	3,116	449	14.4
Fillmore	3,497	483	13.8
Freeborn	5,120	716	14.0
Goodhue	7,994	965	12.1
Grant	1,503	178	11.8
Hennepin	179,476	19,269	10.7
Houston	4,111	437	10.6
Hubbard	2,675	426	15.9
Isanti	5,906	480	8.1
Itasca	8,304	1,178	14.2
Jackson	1,963	236	12.0
Kanabec	2,815	250	8.9
Kandiyohi	6,842	816	11.9
Kittson	1,101	128	11.6
Koochiching	2,511	328	13.1
Lac Qui Parle	2,144	318	14.8
Lake	2,205	302	13.7
Lake of the Woods	856	84	9.8
Le Sueur	5,588	844	15.1
Lincoln	1,052	143	13.6
Lyon	5,422	620	11.4
McLeod	6,871	612	8.9
Mahnomen	1,739	299	17.2
Marshall	1,758	235	13.4
Martin	4,442	585	13.2
Meeker	6,541	806	12.3
Mille Lacs	6,866	744	10.8
Morrison	6,475	853	13.2

**Demographics Table 8: Selected Education Statistics by State and County
1999-2000 School Year, October 1, 1999**

	School Enrollment	Students who Receive Special Education	
		Number	Percent
State of Minnesota	942,451	110,793	11.8
Mower	6,638	948	14.3
Murray	1,577	171	10.8
Nicollet	2,636	387	14.7
Nobles	3,946	450	11.4
Norman	1,401	174	12.4
Olmsted	24,481	2,426	9.9
Otter Tail	10,004	1,293	12.9
Pennington	2,609	431	16.5
Pine	4,591	473	10.3
Pipestone	2,422	271	11.2
Polk	6,348	758	11.9
Pope	1,939	265	13.7
Ramsey	104,390	11,385	10.9
Red Lake	872	102	11.7
Redwood	3,925	525	13.4
Renville	2,849	359	12.6
Rice	9,661	1,423	14.7
Rock	1,758	208	11.8
Roseau	3,719	548	14.7
St. Louis	33,157	4,288	12.9
Scott	15,414	1,640	10.6
Sherburne	14,632	1,676	11.5
Sibley	2,743	269	9.8
Stearns	29,226	3,635	12.4
Steele	7,188	847	11.8
Stevens	1,608	238	14.8
Swift	1,870	288	15.4
Todd	5,319	692	13.0
Traverse	587	104	17.7
Wabasha	5,789	737	12.7
Wadena	3,403	457	13.4
Waseca	4,321	693	16.0
Washington	37,887	4,134	10.9
Watsonwan	2,387	274	11.5
Wilkin	1,518	212	14.0
Winona	8,172	999	12.2
Wright	19,838	2,259	11.4
Yellow Medicine	2,300	348	15.1

Source: Minnesota Department of Children, Families and Learning

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

Section B: Natality

Tables

Table 1: Selected Natality and Mortality

Table 2: Prematurity and Low Birth Weight, Singletons

Table 3: Infant Mortality

Table 4: Prenatal Care

Table 5: Cesarean Births

Table 6: Fertility and Family Planning

Table 7: Teen Birth and Pregnancy Rates

Table 8: Socio-Demographic Factors

Tables 9: Race and Ethnicity of Mother

**Nativity Table 1: Selected Minnesota Natality Statistics
By State and County, 1999**

	Number of Births	Fertility Rate	Birth Rate	Number of Deaths	Death Rate	Natural Rate of Increase
State of Minnesota	65,953	62.5	13.8	38,473	8.1	5.8
Aitkin	130	59.3	9.1	171	12.0	-2.9
Anoka	4,223	61.0	14.1	1,335	4.5	9.7
Becker	360	65.1	12.1	306	10.3	1.8
Beltrami	563	64.2	14.4	335	8.5	5.8
Benton	488	61.2	14.0	312	9.0	5.1
Big Stone	55	62.7	9.9	97	17.4	-7.5
Blue Earth	674	51.4	12.5	440	8.2	4.3
Brown	296	56.1	11.0	320	11.9	-0.9
Carlton	344	58.2	10.9	292	9.3	1.7
Carver	1,086	70.9	16.2	319	4.8	11.4
Cass	293	63.9	10.8	310	11.5	-0.6
Chippewa	146	63.8	11.2	146	11.2	0.0
Chisago	597	68.0	14.1	300	7.1	7.0
Clay	647	50.9	12.5	411	7.9	4.6
Clearwater	94	66.9	11.5	114	14.0	-2.5
Cook	43	46.7	9.0	50	10.5	-1.5
Cottonwood	122	61.9	10.2	177	14.9	-4.6
Crow Wing	692	69.3	13.2	518	9.8	3.3
Dakota	5,394	63.0	15.4	1,565	4.5	11.0
Dodge	253	70.4	14.5	135	7.8	6.8
Douglas	354	61.9	11.3	315	10.1	1.2
Faribault	149	56.9	9.2	215	13.2	-4.1
Fillmore	230	64.2	11.1	260	12.6	-1.5
Freeborn	386	69.3	12.3	401	12.7	-0.5
Goodhue	500	59.1	11.5	486	11.2	0.3
Grant	54	57.2	8.9	95	15.6	-6.7
Hennepin	15,968	62.0	15.0	8,148	7.7	7.3
Houston	204	53.8	10.5	203	10.4	0.1
Hubbard	176	59.7	10.3	198	11.6	-1.3
Isanti	361	55.3	11.7	219	7.1	4.6
Itasca	438	52.1	9.9	442	10.0	-0.1
Jackson	116	58.8	10.2	127	11.2	-1.0
Kanabec	161	58.3	11.2	146	10.1	1.0
Kandiyohi	499	60.5	12.2	379	9.3	2.9
Kittson	45	52.4	8.7	76	14.7	-6.0
Koochiching	158	57.7	10.6	186	12.5	-1.9
Lac Qui Parle	71	58.8	9.1	143	18.3	-9.2
Lake	104	58.5	9.7	124	11.5	-1.9
Lake of the Woods	43	52.1	9.3	43	9.3	0.0
Le Sueur	298	62.6	11.7	228	9.0	2.7
Lincoln	66	69.0	10.3	96	14.9	-4.7
Lyon	323	64.1	13.3	231	9.5	3.8
McLeod	461	67.6	13.3	337	9.8	3.6
Mahnomen	63	71.7	12.4	64	12.6	-0.2

**Nativity Table 1: Selected Minnesota Natality Statistics
By State and County, 1999**

	Number of Births	Fertility Rate	Birth Rate	Number of Deaths	Death Rate	Natural Rate of Increase
State of Minnesota	65,953	62.5	13.8	38,473	8.1	5.8
Marshall	107	62.2	10.6	97	9.6	1.0
Martin	236	61.8	10.8	254	11.7	-0.8
Meeker	299	75.2	13.7	235	10.8	2.9
Mille Lacs	244	62.3	11.4	252	11.8	-0.4
Morrison	390	69.8	12.8	278	9.1	3.7
Mower	475	73.0	12.8	482	13.0	-0.2
Murray	73	47.9	7.7	119	12.5	-4.8
Nicollet	330	47.1	11.3	168	5.7	5.5
Nobles	291	85.7	15.2	246	12.9	2.4
Norman	89	74.7	11.8	94	12.5	-0.7
Olmsted	1,788	65.3	15.0	824	6.9	8.1
Otter Tail	581	59.8	10.5	661	11.9	-1.4
Pennington	169	63.2	12.5	158	11.7	0.8
Pine	322	76.4	13.1	242	9.8	3.2
Pipestone	95	53.2	9.5	129	12.9	-3.4
Polk	331	57.1	10.8	384	12.5	-1.7
Pope	103	58.6	9.5	152	14.0	-4.5
Ramsey	7,574	66.5	15.6	4,168	8.6	7.0
Red Lake	45	62.2	10.7	49	11.7	-1.0
Redwood	199	71.0	12.1	222	13.5	-1.4
Renville	205	74.5	12.2	214	12.7	-0.5
Rice	670	52.8	12.2	406	7.4	4.8
Rock	110	66.8	11.4	117	12.2	-0.7
Roseau	207	65.4	12.9	134	8.3	4.5
St. Louis	2,008	51.1	10.4	2,271	11.7	-1.4
Scott	1,540	79.9	18.6	386	4.7	13.9
Sherburne	1,033	69.3	16.3	360	5.7	10.6
Sibley	200	78.3	13.5	152	10.3	3.2
Stearns	1,779	58.8	13.7	768	5.9	7.8
Steele	434	67.6	13.5	273	8.5	5.0
Stevens	117	51.5	11.7	90	9.0	2.7
Swift	123	72.1	10.8	131	11.5	-0.7
Todd	268	63.0	11.1	221	9.1	1.9
Traverse	33	55.9	7.9	69	16.6	-8.6
Wabasha	211	51.9	10.0	190	9.0	1.0
Wadena	172	76.2	13.0	203	15.3	-2.3
Waseca	255	71.1	13.7	180	9.7	4.0
Washington	2,783	59.1	13.7	956	4.7	9.0
Watonwan	159	83.3	13.8	132	11.4	2.3
Wilkin	94	72.9	12.9	81	11.1	1.8
Winona	543	47.7	11.4	427	8.9	2.4
Wright	1,406	74.0	16.0	543	6.2	9.8
Yellow Medicine	127	69.7	11.2	138	12.2	-1.0

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

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

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

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

Natural Rate of Increase: The 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, 1999**

	Preterm Births		Low Birth Weight		Percent Very Low Birth Weight 1997-1999	Percent Small for Gestational Age
	Number	Percent	Number	Percent		
State of Minnesota	4,192	7.5	2,911	4.6	0.8	3.0
Aitkin	8	6.6	5	3.9	0.7	2.5
Anoka	262	7.2	192	4.7	0.7	3.2
Becker	22	7.5	11	3.2	0.7	2.4
Beltrami	43	9.9	33	5.9	1.1	4.4
Benton	24	5.2	19	4.0	0.4	2.4
Big Stone	3	5.8	1	1.9	0.0	1.9
Blue Earth	48	7.8	29	4.5	0.6	3.9
Brown	10	3.5	8	2.8	0.5	1.8
Carlton	23	7.1	20	5.9	1.1	2.8
Carver	77	8.2	29	2.8	0.7	2.3
Cass	18	7.8	11	3.9	1.2	1.7
Chippewa	10	7.0	3	2.1	0.5	0.7
Chisago	39	7.8	26	4.4	0.8	1.6
Clay	62	10.3	21	3.4	0.7	1.5
Clearwater	4	5.9	6	6.8	1.6	4.4
Cook	4	10.0	3	7.3	0.0	0.0
Cottonwood	6	5.1	7	5.9	0.5	6.0
Crow Wing	46	6.9	26	3.9	0.8	2.6
Dakota	303	6.7	192	3.7	0.7	2.4
Dodge	17	8.2	11	4.5	0.4	1.9
Douglas	23	6.9	10	3.0	0.7	1.8
Faribault	9	6.8	7	4.8	0.5	5.3
Fillmore	14	8.4	10	4.5	0.3	1.8
Freeborn	26	7.9	19	5.2	1.2	4.3
Goodhue	21	5.1	15	3.1	0.9	2.4
Grant	7	13.5	2	3.8	0.0	0.0
Hennepin	957	7.3	766	5.0	1.0	3.4
Houston	18	9.4	11	5.7	1.2	3.2
Hubbard	13	8.7	15	8.6	0.9	3.3
Isanti	27	8.2	17	4.8	0.8	2.4
Itasca	19	4.9	21	4.9	0.6	4.9
Jackson	12	10.5	6	5.2	0.3	2.6
Kanabec	8	5.3	6	3.8	1.1	3.3
Kandiyohi	26	5.7	14	2.9	0.5	2.6
Kittson	1	2.6	1	2.3	1.3	0.0
Koochiching	7	5.2	8	5.1	0.9	5.2
Lac Qui Parle	4	5.8	1	1.4	0.0	1.4
Lake	8	8.3	4	3.9	0.9	2.1
Lake of the Woods	0	0.0	0	0.0	0.0	2.4
Le Sueur	19	7.1	11	3.8	0.6	1.5
Lincoln	7	11.7	5	7.8	1.1	6.7
Lyon	34	11.9	15	4.7	0.5	4.2
McLeod	32	7.5	18	4.1	0.6	2.8
Mahnomen	5	9.4	1	1.6	0.0	1.9
Marshall	9	9.1	3	2.9	0.6	4.0
Martin	17	7.8	12	5.2	0.4	4.1
Meeker	13	4.7	19	6.5	0.5	6.5
Mille Lacs	15	6.6	5	2.1	0.6	2.7
Morrison	24	6.5	15	4.0	0.8	2.4
Mower	41	9.7	32	6.9	0.8	4.0
Murray	5	7.2	1	1.4	0.4	1.4

**Nativity Table 2: Prematurity and Low Birth Weight of Singleton Births in Minnesota
By State and County, 1999**

	Preterm Births		Low Birth Weight		Percent Very Low Birth Weight 1997-1999	Percent Small for Gestational Age
	Number	Percent	Number	Percent		
State of Minnesota	4,192	7.5	2,911	4.6	0.8	3.0
Nicollet	18	5.7	7	2.2	0.3	2.2
Nobles	30	11.8	9	3.3	0.5	2.8
Norman	8	9.9	4	4.7	0.4	1.2
Olmsted	134	9.6	85	5.0	0.7	2.4
Otter Tail	42	7.6	17	3.0	0.6	1.1
Pennington	16	10.0	8	4.8	0.6	4.4
Pine	16	5.6	9	2.9	0.4	2.8
Pipestone	12	13.0	3	3.2	0.6	1.1
Polk	25	7.8	12	3.7	0.4	5.0
Pope	7	7.0	4	4.0	0.3	2.0
Ramsey	464	8.0	437	6.0	1.0	4.2
Red Lake	2	4.7	3	7.0	1.6	4.7
Redwood	14	8.0	4	2.1	0.5	3.4
Renville	15	8.1	7	3.5	0.5	3.3
Rice	51	8.3	31	4.8	1.1	3.6
Rock	13	15.3	8	7.7	0.0	1.2
Roseau	13	6.4	10	4.8	0.9	2.0
St. Louis	166	9.1	110	5.7	0.8	3.4
Scott	87	6.6	50	3.4	0.5	3.0
Sherburne	77	8.4	40	4.0	0.8	1.2
Sibley	11	6.0	7	3.6	0.9	4.9
Stearns	142	8.3	73	4.2	0.8	2.3
Steele	27	6.9	15	3.7	0.7	2.8
Stevens	9	8.1	3	2.7	0.0	2.7
Swift	8	6.8	7	5.7	1.5	3.4
Todd	23	9.3	11	4.2	0.8	1.6
Traverse	1	3.7	2	6.9	0.0	3.7
Wabasha	7	4.0	9	4.5	0.6	4.0
Wadena	5	3.3	5	3.0	0.6	3.3
Waseca	22	9.1	10	4.1	0.5	0.4
Washington	120	5.4	90	3.4	0.5	2.3
Watsonwan	7	4.7	5	3.2	0.2	4.7
Wilkin	8	9.6	4	4.8	0.7	2.4
Winona	40	8.4	21	4.1	0.7	2.9
Wright	90	7.6	65	4.8	0.8	3.2
Yellow Medicine	12	10.3	2	1.6	0.3	2.6

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 State and County,
By State and County, 1995-1999**

	Number of Infant Deaths 1999	Infant Mortality Rate 1995-1999	Neonatal Mortality 1995-1999	Post-neonatal Mortality Rate 1995-1999	Fetal Death Rate 1995-1999	Perinatal Death Rate 1995-1999
State of Minnesota	409	6.1	3.9	2.2	3.7	6.9
Aitkin	2	*	*	*	*	*
Anoka	21	5.9	3.4	2.5	3.9	6.6
Becker	5	*	*	*	*	*
Beltrami	4	10.7	*	*	*	11.8
Benton	1	*	*	*	*	*
Big Stone	0	*	*	*	*	*
Blue Earth	4	7.3	*	*	*	9.8
Brown	1	*	*	*	*	*
Carlton	3	*	*	*	*	*
Carver	10	4.4	*	*	*	4.4
Cass	2	*	*	*	*	*
Chippewa	1	*	*	*	*	*
Chisago	2	*	*	*	*	*
Clay	7	7.7	*	*	*	*
Clearwater	0	*	*	*	*	*
Cook	1	*	*	*	*	*
Cottonwood	1	*	*	*	*	*
Crow Wing	1	*	*	*	*	6.8
Dakota	22	4.5	3.4	1.1	4.0	6.7
Dodge	0	*	*	*	*	*
Douglas	0	*	*	*	*	*
Faribault	1	*	*	*	*	*
Fillmore	1	*	*	*	*	*
Freeborn	2	*	*	*	*	*
Goodhue	4	8.4	*	*	*	8.0
Grant	0	*	*	*	*	*
Hennepin	97	7.2	4.6	2.6	4.0	7.7
Houston	1	*	*	*	*	*
Hubbard	1	*	*	*	*	*
Isanti	2	*	*	*	*	*
Itasca	4	*	*	*	*	9.3
Jackson	0	*	*	*	*	*
Kanabec	0	*	*	*	*	*
Kandiyohi	3	*	*	*	*	8.4
Kittson	0	*	*	*	*	*
Koochiching	2	*	*	*	*	*
Lac Qui Parle	0	*	*	*	*	*
Lake	0	*	*	*	*	*
Lake of the Woods	0	*	*	*	*	*
Le Sueur	1	*	*	*	*	*
Lincoln	0	*	*	*	*	*
Lyon	1	*	*	*	*	*
McLeod	6	*	*	*	*	*
Mahnomen	0	*	*	*	*	*
Marshall	2	*	*	*	*	*
Martin	2	*	*	*	*	*
Meeker	0	*	*	*	*	*
Mille Lacs	2	*	*	*	*	*
Morrison	1	*	*	*	*	*

**Nativity Table 3: Minnesota Infant Mortality by State and County,
By State and County, 1995-1999**

	Number of Infant Deaths 1999	Infant Mortality Rate 1995-1999	Neonatal Mortality 1995-1999	Post-neonatal Mortality Rate 1995-1999	Fetal Death Rate 1995-1999	Perinatal Death Rate 1995-1999
State of Minnesota	409	6.1	3.9	2.2	3.7	6.9
Mower	6	*	*	*	*	*
Murray	1	*	*	*	*	*
Nicollet	1	*	*	*	*	*
Nobles	0	*	*	*	*	*
Norman	1	*	*	*	*	*
Olmsted	13	4.6	2.6	*	3.9	5.6
Otter Tail	3	*	*	*	*	7.3
Pennington	1	*	*	*	*	*
Pine	1	*	*	*	*	*
Pipestone	3	*	*	*	*	*
Polk	3	*	*	*	*	*
Pope	0	*	*	*	*	*
Ramsey	81	8.4	5.5	2.9	3.0	7.5
Red Lake	0	*	*	*	*	*
Redwood	1	*	*	*	*	*
Renville	0	*	*	*	*	*
Rice	1	*	*	*	*	*
Rock	2	*	*	*	*	*
Roseau	1	*	*	*	*	*
St. Louis	16	6.8	4.1	2.7	4.8	8.2
Scott	3	*	*	*	3.4	5.0
Sherburne	7	4.7	*	*	*	5.2
Sibley	1	*	*	*	*	*
Stearns	12	5.4	4.0	*	3.1	6.4
Steele	0	*	*	*	*	*
Stevens	1	*	*	*	*	*
Swift	1	*	*	*	*	*
Todd	2	*	*	*	*	*
Traverse	0	*	*	*	*	*
Wabasha	1	*	*	*	*	*
Wadena	0	*	*	*	*	*
Waseca	1	*	*	*	*	*
Washington	14	4.5	3.1	*	2.5	5.1
Watsonwan	1	*	*	*	*	*
Wilkin	0	*	*	*	*	*
Winona	4	*	*	*	*	*
Wright	5	4.6	3.1	*	4.0	6.5
Yellow Medicine	0	*	*	*	*	*

Source: Minnesota Department of Health, Center for Health Statistics

*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 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, 1999**

	Percent of Prenatal Care Received in 1st Trimester	Percent Adequacy of Prenatal Care, GINDEX		
		Adequate or Better	Intermediate	Inadequate or None
State of Minnesota	84.6	77.0	18.8	4.2
Aitkin	92.2	81.0	18.2	0.8
Anoka	85.1	76.9	19.1	4.0
Becker	81.8	73.4	21.8	4.8
Beltrami	75.2	60.6	30.2	9.2
Benton	87.9	86.0	11.0	3.0
Big Stone	74.5	65.4	26.9	7.7
Blue Earth	86.7	82.9	14.1	3.1
Brown	87.5	82.2	16.7	1.1
Carlton	88.3	77.4	19.2	3.4
Carver	91.3	82.5	14.8	2.7
Cass	75.4	65.7	29.6	4.8
Chippewa	83.4	76.1	21.1	2.8
Chisago	90.9	82.6	15.8	1.7
Clay	80.3	73.0	24.7	2.3
Clearwater	73.1	65.2	30.4	4.3
Cook	69.8	50.0	40.0	10.0
Cottonwood	89.7	85.7	14.3	0.0
Crow Wing	88.0	79.8	17.2	3.0
Dakota	87.0	73.9	21.5	4.6
Dodge	88.9	79.7	18.3	2.0
Douglas	89.5	85.3	14.1	0.6
Faribault	79.3	77.5	17.1	5.4
Fillmore	82.2	77.3	16.7	6.0
Freeborn	83.4	78.7	17.3	4.0
Goodhue	85.9	85.6	11.4	3.0
Grant	83.3	76.9	19.2	3.8
Hennepin	82.8	76.5	18.2	5.3
Houston	86.2	83.6	12.7	3.7
Hubbard	82.7	56.6	36.6	6.9
Isanti	82.7	73.6	21.8	4.6
Itasca	91.3	88.0	10.9	1.0
Jackson	86.1	82.3	12.4	5.3
Kanabec	82.9	72.1	21.4	6.4
Kandiyohi	79.0	75.2	20.0	4.8
Kittson	85.7	81.6	15.8	2.6
Koochiching	87.0	75.2	22.6	2.3
Lac Qui Parle	90.1	82.6	14.5	2.9
Lake	87.9	81.3	11.5	7.3
Lake of the Woods	85.7	70.7	22.0	7.3
Le Sueur	84.0	78.1	15.2	6.6
Lincoln	85.7	67.8	30.5	1.7
Lyon	81.0	53.9	41.5	4.6
McLeod	87.7	82.7	14.7	2.6
Mahnomen	78.3	74.0	20.0	6.0
Marshall	81.9	73.7	18.2	8.1
Martin	79.3	77.6	19.2	3.3
Meeker	83.7	75.7	21.7	2.5
Mille Lacs	82.3	72.9	19.6	7.6
Morrison	90.5	86.2	11.9	1.9
Mower	70.7	63.8	30.9	5.3
Murray	90.1	77.6	20.9	1.5
Nicollet	87.1	84.8	12.6	2.6

**Nativity Table 4: Prenatal Care in Minnesota
By State and County, 1999**

	Percent of Prenatal Care Received in 1st Trimester	Percent Adequacy of Prenatal Care, GINDEX		
		Adequate or Better	Intermediate	Inadequate or None
State of Minnesota	84.6	77.0	18.8	4.2
Nobles	81.6	83.1	13.6	3.3
Norman	83.1	71.6	25.9	2.5
Olmsted	89.0	81.0	16.3	2.7
Otter Tail	82.2	79.1	16.0	4.9
Pennington	80.4	64.0	32.3	3.7
Pine	76.7	68.5	23.4	8.1
Pipestone	65.3	75.0	14.1	10.9
Polk	82.8	69.4	26.5	4.1
Pope	87.3	72.7	27.3	0.0
Ramsey	78.9	70.5	23.8	5.7
Red Lake	71.1	46.5	46.5	7.0
Redwood	86.4	76.7	19.5	3.8
Renville	80.2	72.1	22.4	5.5
Rice	84.5	79.7	16.1	4.1
Rock	86.4	85.9	11.8	2.4
Roseau	85.4	70.1	27.5	2.5
St. Louis	87.4	78.6	17.9	3.5
Scott	87.5	73.7	21.4	4.9
Sherburne	91.1	83.4	15.3	1.3
Sibley	82.8	78.2	19.0	2.8
Stearns	90.5	87.4	9.9	2.7
Steele	85.3	80.1	18.4	1.6
Stevens	81.2	76.6	18.0	5.4
Swift	82.6	77.8	18.8	3.4
Todd	78.6	72.2	22.6	5.2
Traverse	84.8	88.9	11.1	0.0
Wabasha	89.7	83.4	13.1	3.4
Wadena	77.3	69.3	24.8	5.9
Waseca	89.5	85.6	12.7	1.7
Washington	90.9	85.1	13.2	1.7
Watonwan	66.7	59.0	30.6	10.4
Wilkin	91.5	81.9	13.3	4.8
Winona	89.3	84.4	13.0	2.6
Wright	90.8	84.1	13.7	2.2
Yellow Medicine	80.8	68.1	29.3	2.6

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.

**Natality Table 5: Cesarean Births in Minnesota
By State and County, 1999**

	Cesarean Births - Percent	First Time Cesarean Births - Percent	Repeat Cesarean - Percent
State of Minnesota	18.4	11.9	74.4
Aitkin	20.8	13.1	83.3
Anoka	18.7	12.3	76.1
Becker	18.6	11.7	89.3
Beltrami	20.8	13.0	74.6
Benton	20.3	12.7	78.7
Big Stone	34.5	5.5	84.2
Blue Earth	25.5	16.3	83.8
Brown	20.9	9.1	81.4
Carlton	19.5	9.9	76.7
Carver	17.3	10.0	77.5
Cass	24.9	16.0	81.3
Chippewa	25.3	14.4	94.1
Chisago	18.6	11.2	72.1
Clay	20.1	14.4	57.8
Clearwater	24.5	12.8	84.6
Cook	2.3	2.3	0.0
Cottonwood	24.6	14.8	85.7
Crow Wing	21.1	14.3	73.4
Dakota	18.3	11.6	74.8
Dodge	16.6	11.1	73.7
Douglas	18.6	11.6	67.6
Faribault	17.4	8.1	87.5
Fillmore	17.0	10.4	83.3
Freeborn	15.8	9.6	63.2
Goodhue	17.2	11.6	82.4
Grant	25.9	16.7	100.0
Hennepin	16.6	11.4	74.8
Houston	13.7	7.8	66.7
Hubbard	22.7	16.5	57.9
Isanti	16.9	10.5	71.9
Itasca	18.9	11.4	68.8
Jackson	27.6	17.2	100.0
Kanabec	21.7	13.7	76.5
Kandiyohi	19.8	11.8	87.0
Kittson	26.7	8.9	88.9
Koochiching	27.8	18.4	71.4
Lac Qui Parle	23.9	15.5	75.0
Lake	23.1	12.5	91.7
Lake of the Woods	27.9	14.0	100.0
Le Sueur	19.5	9.1	81.6
Lincoln	27.3	15.2	80.0
Lyon	23.8	14.2	72.1
McLeod	19.7	11.5	77.6
Mahnomen	30.2	19.0	70.0
Marshall	26.2	7.5	95.2
Martin	27.5	17.4	85.7
Meeker	18.4	11.4	72.4
Mille Lacs	20.1	12.3	67.9
Morrison	20.8	13.8	69.2
Mower	20.6	15.6	60.0
Murray	32.9	19.2	90.9

**Natality Table 5: Cesarean Births in Minnesota
By State and County, 1999**

	Cesarean Births - Percent	First Time Cesarean Births - Percent	Repeat Cesarean - Percent
State of Minnesota	18.4	11.9	74.4
Nicollet	20.9	11.5	81.6
Nobles	22.3	13.7	83.3
Norman	18.0	11.2	75.0
Olmsted	19.4	13.1	77.2
Otter Tail	19.8	11.2	71.4
Pennington	24.3	11.2	78.6
Pine	20.5	12.1	73.0
Pipestone	27.4	12.6	82.4
Polk	28.4	15.4	74.1
Pope	29.1	18.4	61.1
Ramsey	14.6	10.5	62.9
Red Lake	33.3	22.2	71.4
Redwood	23.1	12.6	75.0
Renville	15.1	9.3	57.1
Rice	27.2	16.4	86.7
Rock	16.4	7.3	76.9
Roseau	24.2	15.0	82.6
St. Louis	21.9	13.7	78.8
Scott	16.9	10.1	83.3
Sherburne	19.9	12.5	79.4
Sibley	22.0	13.0	75.0
Stearns	20.7	13.0	72.0
Steele	19.8	13.8	70.3
Stevens	23.1	12.0	76.5
Swift	30.1	19.5	86.7
Todd	18.7	9.3	71.4
Traverse	15.2	12.1	100.0
Wabasha	17.5	7.6	72.4
Wadena	23.3	14.0	66.7
Waseca	23.5	13.7	73.5
Washington	15.3	10.1	66.2
Watsonwan	21.4	11.9	78.9
Wilkin	33.0	23.4	69.2
Winona	14.5	9.4	66.7
Wright	21.0	13.9	76.2
Yellow Medicine	25.2	12.6	94.1

Source: Minnesota Department of Health, Center for Health Statistics

**Nativity Table 6: Fertility and Family Planning in Minnesota
By State and County, 1999**

	Pregnancies		Abortions		Percent of Women with 4 or More Births	Percent of Women with Live Births w/in 1 Year
	Number	Rate	Number	Rate		
State of Minnesota	79,374	75.0	13,037	12.4	4.5	3.8
Aitkin	150	68.0	20	9.1	3.9	1.2
Anoka	5,070	73.0	814	11.8	3.4	2.9
Becker	374	68.0	12	*	5.4	3.9
Beltrami	601	68.0	34	3.9	7.7	1.3
Benton	528	66.0	38	4.8	4.1	2.9
Big Stone	56	64.0	**	*	9.1	7.7
Blue Earth	807	61.0	128	9.8	3.9	6.0
Brown	328	62.0	29	5.5	4.4	2.7
Carlton	401	68.0	55	9.3	3.5	3.9
Carver	1,195	78.0	106	6.9	2.5	5.0
Cass	322	70.0	25	5.5	4.1	4.3
Chippewa	165	72.0	17	*	4.1	2.1
Chisago	691	78.0	91	10.4	2.9	1.8
Clay	655	51.0	7	*	4.3	5.6
Clearwater	96	68.0	**	*	4.3	6.3
Cook	53	58.0	10	*	0.0	4.0
Cottonwood	135	69.0	11	*	7.4	4.0
Crow Wing	790	79.0	92	9.2	3.8	3.4
Dakota	6,405	75.0	975	11.4	2.4	3.9
Dodge	277	77.0	24	6.7	6.0	2.8
Douglas	373	65.0	18	*	3.4	3.8
Faribault	157	60.0	7	*	6.1	2.9
Fillmore	247	68.0	15	*	7.2	3.8
Freeborn	432	77.0	43	7.7	3.1	5.3
Goodhue	553	65.0	51	6.0	3.4	4.6
Grant	59	63.0	**	*	3.8	2.9
Hennepin	21,303	82.0	5,235	20.3	4.7	4.1
Houston	212	56.0	8	*	5.4	5.0
Hubbard	184	62.0	7	*	1.2	0.9
Isanti	412	63.0	51	7.8	4.2	2.7
Itasca	474	56.0	35	4.2	6.8	3.7
Jackson	120	61.0	**	*	3.4	0.0
Kanabec	176	63.0	14	*	3.1	1.1
Kandiyohi	553	67.0	51	6.2	6.0	3.2
Kittson	45	52.0	**	*	0.0	6.7
Koochiching	171	62.0	11	*	3.2	2.9
Lac Qui Parle	73	60.0	**	*	2.8	0.0
Lake	116	65.0	11	*	2.9	1.7
Lake of the Woods	44	53.0	**	*	7.0	0.0
Le Sueur	326	69.0	28	5.9	5.4	4.9
Lincoln	66	69.0	**	*	6.1	2.6
Lyon	345	68.0	17	*	3.4	2.0
McLeod	507	74.0	43	6.3	3.8	4.8
Mahnomen	63	72.0	**	*	6.3	2.6
Marshall	107	62.0	**	*	7.5	1.4
Martin	248	65.0	10	*	3.4	4.8
Meeker	328	82.0	27	6.8	8.1	5.3
Mille Lacs	271	69.0	26	6.6	5.4	1.9
Morrison	425	76.0	34	6.1	7.5	3.0
Mower	526	81.0	50	7.7	5.5	3.0
Murray	77	51.0	**	*	6.8	0.0

**Nativity Table 6: Fertility and Family Planning in Minnesota
By State and County, 1999**

	Pregnancies		Abortions		Percent of Women with 4 or More Births	Percent of Women with Live Births w/in 1 Year
	Number	Rate	Number	Rate		
State of Minnesota	79,374	75.0	13,037	12.4	4.5	3.8
Nicollet	367	52.0	36	5.1	2.4	3.2
Nobles	301	88.0	10	*	4.8	6.3
Norman	90	76.0	**	*	12.4	5.0
Olmsted	2,057	75.0	255	9.3	4.7	5.0
Otter Tail	594	61.0	11	*	6.8	2.2
Pennington	169	63.0	**	*	0.6	0.9
Pine	353	84.0	28	6.6	8.1	3.4
Pipestone	97	54.0	**	*	2.1	1.7
Polk	333	57.0	**	*	5.2	1.9
Pope	109	61.0	**	*	5.0	1.6
Ramsey	10,136	88.0	2,522	22.1	7.2	3.9
Red Lake	45	62.0	**	*	4.5	3.2
Redwood	211	75.0	11	*	7.6	5.7
Renville	219	80.0	13	*	4.9	4.1
Rice	779	61.0	105	8.3	4.3	4.6
Rock	110	67.0	**	*	6.4	6.0
Roseau	212	67.0	**	*	3.4	0.8
St. Louis	2,440	62.0	421	10.7	3.8	3.6
Scott	1,736	90.0	185	9.6	2.6	3.1
Sherburne	1,146	77.0	108	7.2	3.7	4.3
Sibley	222	87.0	22	8.6	4.1	4.3
Stearns	2,012	67.0	227	7.5	3.4	3.0
Steele	487	76.0	47	7.3	3.0	4.7
Stevens	127	56.0	9	*	1.7	2.8
Swift	131	77.0	6	*	4.1	0.0
Todd	278	65.0	9	*	9.8	1.7
Traverse	33	56.0	**	*	6.1	9.1
Wabasha	236	57.0	23	5.7	3.8	4.7
Wadena	177	79.0	**	*	4.7	2.6
Waseca	285	80.0	30	8.4	3.1	4.9
Washington	3,213	68.0	423	9.0	2.5	3.8
Watsonwan	171	90.0	10	*	5.1	1.9
Wilkin	94	72.0	**	*	8.5	9.2
Winona	610	53.0	63	5.5	4.1	4.9
Wright	1,548	81.0	131	6.9	5.7	3.1
Yellow Medicine	131	72.0	**	*	7.1	3.8

Source: Minnesota Department of Health, Center for Health Statistics

*Rate not calculated for less than 20 events

**Number 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.

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, 1997-1999**

	Teen Birth Rates			Teen Pregnancy Rates		
	15-17 Years	18-19 Years	15-19 Years	15-17 Years	18-19 Years	15-19 Years
State of Minnesota	16.8	53.0	30.8	24.5	74.4	43.9
Aitkin	21.9	73.0	37.4	28.5	93.2	48.1
Anoka	11.9	45.7	23.8	21.9	71.9	39.5
Becker	21.4	102.4	45.0	23.5	103.4	46.8
Beltrami	29.6	65.7	45.5	33.0	73.2	50.7
Benton	10.8	73.6	34.9	14.0	92.4	44.1
Big Stone	*	*	35.7	*	*	39.0
Blue Earth	14.5	20.4	18.3	22.2	34.2	29.9
Brown	11.1	38.5	22.9	18.5	44.1	29.5
Carlton	16.0	84.8	35.1	21.7	103.9	44.6
Carver	8.8	34.2	17.5	15.4	49.4	27.0
Cass	26.3	124.5	54.6	29.9	146.6	63.6
Chippewa	*	99.5	36.6	*	128.3	48.4
Chisago	10.9	65.1	28.5	18.9	88.3	41.5
Clay	22.3	21.2	21.6	22.6	22.8	22.7
Clearwater	*	85.3	32.5	*	96.9	36.9
Cook	*	*	*	*	*	*
Cottonwood	*	71.6	26.7	*	77.1	29.6
Crow Wing	16.4	72.6	36.3	22.0	89.5	45.9
Dakota	9.2	49.3	22.5	16.9	76.1	36.6
Dodge	15.6	55.8	28.3	18.3	69.0	34.3
Douglas	13.8	66.9	34.0	15.2	72.9	37.2
Faribault	*	83.9	33.5	*	88.4	37.3
Fillmore	13.3	43.7	22.5	16.4	51.0	26.9
Freeborn	16.3	93.4	40.8	23.8	117.5	53.5
Goodhue	11.4	64.9	28.7	14.3	83.4	36.6
Grant	*	*	*	*	*	*
Hennepin	23.3	55.4	36.5	36.9	93.0	60.0
Houston	*	39.3	15.1	*	48.3	18.3
Hubbard	20.3	97.6	42.4	23.3	103.2	46.1
Isanti	11.9	46.6	22.8	16.6	65.6	32.0
Itasca	11.0	69.5	28.4	13.8	86.1	35.4
Jackson	*	72.5	32.2	*	78.5	36.3
Kanabec	*	114.6	39.6	18.3	120.8	45.7
Kandiyohi	20.4	62.0	37.0	25.9	72.7	44.6
Kittson	*	*	*	*	*	*
Koochiching	*	71.7	34.7	19.5	84.4	42.7
Lac Qui Parle	*	*	26.6	*	*	27.9
Lake	*	71.7	27.9	*	93.5	41.4
Lake of the Woods	*	*	*	*	*	*
Le Sueur	11.7	73.3	30.2	17.8	99.3	42.3
Lincoln	*	*	*	*	*	*
Lyon	12.2	51.7	30.7	14.0	58.3	34.7
McLeod	15.5	67.0	32.5	20.9	76.5	39.2
Mahnomen	*	161.8	66.0	*	161.8	67.4
Marshall	*	*	20.8	*	*	20.8
Martin	12.3	89.6	34.0	14.7	99.1	38.4
Meeker	14.0	85.5	34.1	20.1	102.6	43.3
Mille Lacs	21.7	101.2	45.1	26.0	115.6	52.4
Morrison	16.6	90.9	38.5	19.8	103.5	44.5
Mower	20.1	76.5	39.4	22.8	83.9	43.7
Murray	*	*	*	*	*	21.8
Nicollet	*	16.6	13.3	13.8	22.4	18.4

**Natality Table 7: Minnesota Teen Birth and Pregnancy Rates
By State and County, 1997-1999**

	Teen Birth Rates			Teen Pregnancy Rates		
	15-17 Years	18-19 Years	15-19 Years	15-17 Years	18-19 Years	15-19 Years
State of Minnesota	16.8	53.0	30.8	24.5	74.4	43.9
Nobles	20.5	104.0	48.1	23.9	105.4	50.8
Norman	*	*	*	*	*	*
Olmsted	14.2	48.2	27.3	20.5	63.2	37.0
Otter Tail	10.9	69.1	29.4	12.2	71.3	31.0
Pennington	*	75.4	35.9	*	75.4	36.5
Pine	17.6	96.3	39.5	21.7	113.6	47.3
Pipestone	*	*	16.0	*	*	18.4
Polk	16.6	57.4	32.9	17.9	58.8	34.2
Pope	*	*	*	*	*	20.4
Ramsey	34.5	68.5	49.7	48.4	102.2	72.5
Red Lake	*	*	*	*	*	*
Redwood	*	88.3	30.0	*	92.7	32.7
Renville	21.8	96.9	43.6	26.0	105.2	48.9
Rice	15.1	27.3	21.7	19.3	36.1	28.4
Rock	*	92.7	43.6	*	92.7	43.6
Roseau	*	115.4	40.3	*	117.4	42.6
St. Louis	16.7	50.7	29.4	23.8	71.4	41.6
Scott	11.2	43.4	21.9	16.3	64.5	32.2
Sherburne	8.8	52.9	24.0	15.0	67.5	33.1
Sibley	*	95.1	40.2	*	107.8	45.5
Stearns	11.3	23.1	17.4	14.5	31.7	23.5
Steele	18.7	56.0	31.3	23.9	67.9	38.8
Stevens	*	*	11.0	*	18.0	17.3
Swift	*	94.0	31.4	*	111.1	36.4
Todd	10.4	77.5	28.7	15.2	78.8	32.4
Traverse	*	*	*	*	*	*
Wabasha	*	51.0	18.9	*	62.1	25.7
Wadena	*	114.3	45.2	*	118.4	46.5
Waseca	16.4	61.6	30.9	21.6	82.1	41.0
Washington	7.8	37.9	17.1	15.6	59.7	29.3
Watonwan	42.5	153.4	79.6	47.8	164.0	86.6
Wilkin	*	*	*	*	*	*
Winona	12.7	18.7	16.4	18.4	25.4	22.8
Wright	9.8	55.1	24.5	15.1	70.8	33.1
Yellow Medicine	*	64.8	32.3	*	67.6	33.2

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

*Rate not calculated for less than 20 events

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

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

**Nativity Table 8: Socio-Demographic Factors Related to Birth Outcomes in Minnesota
By State and County, 1999**

	Percent - Births to Unmarried Mothers	Percent - No Father on Birth Certificate	Percent - Mothers Smoked during Pregnancy	Percent - Maternal Education Status		
				Low	Medium	High
State of Minnesota	25.7	7.7	11.8	9.4	31.7	58.9
Aitkin	30.8	3.1	22.7	7.0	48.1	45.0
Anoka	23.3	5.3	11.5	6.6	35.3	58.1
Becker	31.7	9.3	26.2	14.9	40.4	44.7
Beltrami	48.8	11.7	18.8	17.4	34.7	47.9
Benton	29.3	5.5	17.5	7.0	41.4	51.6
Big Stone	18.2	2.8	12.7	21.8	34.5	43.6
Blue Earth	27.2	3.9	11.6	7.5	20.6	71.9
Brown	22.3	4.7	13.7	5.8	40.6	53.6
Carlton	32.0	8.8	22.4	7.9	33.8	58.3
Carver	10.1	2.2	4.1	2.4	29.7	67.9
Cass	50.9	15.2	36.3	13.6	45.1	41.3
Chippewa	31.5	4.8	13.0	9.6	45.2	45.2
Chisago	20.3	4.2	14.9	5.4	38.9	55.7
Clay	29.5	10.0	20.2	12.5	21.8	65.7
Clearwater	37.2	7.4	14.3	9.7	40.9	49.5
Cook	34.9	8.9	14.0	16.3	32.6	51.2
Cottonwood	22.1	6.3	19.2	8.2	41.8	50.0
Crow Wing	30.6	5.6	23.6	6.7	41.0	52.3
Dakota	18.0	5.0	7.3	4.3	25.7	70.0
Dodge	20.2	4.5	13.2	7.0	29.9	63.1
Douglas	22.6	4.5	17.6	6.2	38.4	55.4
Faribault	22.8	2.0	13.6	6.8	35.8	57.4
Fillmore	23.9	8.7	14.9	14.1	26.7	59.2
Freeborn	39.6	9.6	14.5	15.1	42.3	42.6
Goodhue	23.8	4.1	15.7	7.0	43.0	50.0
Grant	14.8	0.0	17.0	3.7	18.5	77.8
Hennepin	27.5	11.1	8.1	12.2	26.5	61.3
Houston	16.7	8.3	12.7	3.4	27.0	69.6
Hubbard	30.7	13.6	18.9	11.2	34.7	54.1
Isanti	30.5	4.5	22.7	8.6	38.4	52.9
Itasca	34.7	5.4	23.5	9.0	38.2	52.9
Jackson	25.9	10.0	8.7	13.8	27.6	58.6
Kanabec	39.8	6.5	26.9	16.9	41.9	41.3
Kandiyohi	31.1	9.1	9.1	14.1	33.9	51.9
Kittson	17.8	4.1	11.1	4.4	33.3	62.2
Koochiching	35.4	11.5	14.8	8.3	38.9	52.9
Lac Qui Parle	16.9	2.7	12.7	4.2	47.9	47.9
Lake	24.0	3.7	22.5	6.9	31.4	61.8
Lake of the Woods	27.9	4.1	2.4	7.1	64.3	28.6
Le Sueur	24.8	5.8	16.5	13.5	41.2	45.3
Lincoln	10.6	3.8	12.1	1.5	39.4	59.1
Lyon	24.1	3.7	11.8	12.4	30.7	56.8
McLeod	24.5	6.2	12.1	8.6	46.6	44.8
Mahnomen	60.3	21.4	41.0	11.3	56.5	32.3
Marshall	24.3	0.8	16.0	12.3	28.3	59.4
Martin	25.8	3.3	18.5	8.1	44.1	47.9
Meeker	24.1	5.0	15.2	9.8	38.7	51.5
Mille Lacs	33.6	3.3	22.5	13.2	50.4	36.4
Morrison	26.9	5.1	22.3	7.4	56.4	36.2

**Nativity Table 8: Socio-Demographic Factors Related to Birth Outcomes in Minnesota
By State and County, 1999**

	Percent - Births to Unmarried Mothers	Percent - No Father on Birth Certificate	Percent - Mothers Smoked during Pregnancy	Percent - Maternal Education Status		
				Low	Medium	High
State of Minnesota	25.7	7.7	11.8	9.4	31.7	58.9
Mower	32.6	6.9	19.3	13.7	45.4	40.9
Murray	15.1	4.1	8.5	8.2	28.8	63.0
Nicollet	19.1	4.2	12.8	5.3	25.7	69.0
Nobles	32.3	9.5	5.2	29.7	31.0	39.3
Norman	18.0	5.7	21.3	3.4	34.8	61.8
Olmsted	18.6	4.3	7.7	8.1	19.0	73.0
Otter Tail	28.2	2.7	18.2	8.8	32.3	58.9
Pennington	32.0	7.1	16.8	10.1	36.7	53.3
Pine	39.1	6.7	24.2	15.6	44.2	40.2
Pipestone	20.0	6.1	13.7	7.4	27.4	65.3
Polk	28.7	7.4	13.1	9.8	31.7	58.5
Pope	18.4	2.9	14.6	2.9	35.0	62.1
Ramsey	33.5	13.7	10.5	13.9	32.5	53.7
Red Lake	17.8	2.3	13.3	6.7	42.2	51.1
Redwood	25.6	6.5	14.7	8.1	38.9	53.0
Renville	27.3	4.9	15.9	17.1	42.4	40.5
Rice	28.1	6.5	14.1	15.8	39.4	44.8
Rock	25.5	2.7	11.4	10.0	41.8	48.2
Roseau	28.5	4.3	16.4	11.1	50.7	38.2
St. Louis	35.0	8.9	22.5	9.2	30.4	60.5
Scott	13.8	3.3	6.3	4.8	28.8	66.3
Sherburne	16.7	4.7	9.9	4.7	34.2	61.1
Sibley	21.5	4.1	8.3	13.8	40.8	45.4
Stearns	22.7	4.4	12.8	5.1	43.6	51.4
Steele	24.2	5.3	18.5	9.9	42.5	47.6
Stevens	23.9	3.3	11.1	3.4	24.8	71.8
Swift	26.0	0.8	13.8	11.4	32.5	56.1
Todd	27.2	5.2	24.6	12.2	48.3	39.5
Traverse	15.2	9.7	21.2	12.1	21.2	66.7
Wabasha	20.9	5.6	12.7	7.2	35.3	57.5
Wadena	31.4	5.2	24.7	9.0	53.6	37.3
Waseca	27.1	5.6	13.3	7.9	38.7	53.4
Washington	15.6	3.7	7.9	2.8	24.9	72.3
Watonwan	35.8	5.0	12.3	25.2	37.4	37.4
Wilkin	20.2	3.9	11.8	6.4	27.7	66.0
Winona	23.4	7.2	10.9	3.6	33.3	63.0
Wright	16.0	3.4	12.3	5.5	36.2	58.4
Yellow Medicine	23.6	6.3	15.2	7.9	42.1	50.0

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 State and County, 1999**

	Race of Mother - Percent					Ethnicity of Mother - Percent	
	White	African American	American Indian	Asian	Unknown / Other	Hispanic (any race)	Not Hispanic
State of Minnesota	86.6	6.0	1.8	4.9	0.7	5.3	94.7
Aitkin	95.4	0.0	3.1	0.0	1.5	0.8	99.2
Anoka	94.6	2.0	0.5	2.3	0.5	1.6	98.4
Becker	85.0	0.0	13.9	0.3	0.8	0.3	99.7
Beltrami	61.5	0.2	35.9	0.5	2.0	0.7	99.3
Benton	96.5	1.2	0.8	1.4	0.0	1.0	99.0
Big Stone	100.0	0.0	0.0	0.0	0.0	0.0	100.0
Blue Earth	92.6	3.4	0.3	3.4	0.3	1.9	98.1
Brown	99.0	0.0	0.7	0.0	0.3	5.1	94.9
Carlton	93.6	0.3	5.8	0.3	0.0	0.0	100.0
Carver	97.2	0.4	0.2	1.7	0.6	6.9	93.1
Cass	67.9	0.7	31.1	0.0	0.3	0.0	100.0
Chippewa	96.6	0.0	2.1	1.4	0.0	4.1	95.9
Chisago	98.3	0.2	0.3	0.8	0.3	1.2	98.8
Clay	95.1	0.5	2.6	1.9	0.0	8.5	91.5
Clearwater	85.1	0.0	9.6	1.1	4.3	1.1	98.9
Cook	86.0	0.0	11.6	2.3	0.0	0.0	100.0
Cottonwood	96.7	0.0	0.0	3.3	0.0	7.4	92.6
Crow Wing	98.1	0.3	0.7	0.7	0.1	1.2	98.8
Dakota	92.0	2.8	0.4	3.7	1.1	4.1	95.9
Dodge	99.2	0.0	0.0	0.4	0.4	6.3	93.7
Douglas	97.7	0.8	0.3	1.1	0.0	1.1	98.9
Faribault	97.3	0.0	0.7	0.7	1.3	6.8	93.2
Fillmore	97.0	0.4	0.0	0.0	2.6	0.5	99.5
Freeborn	97.9	0.8	0.0	0.3	1.0	15.3	84.7
Goodhue	96.6	1.0	1.6	0.6	0.2	1.6	98.4
Grant	98.1	0.0	0.0	0.0	1.9	3.7	96.3
Hennepin	74.4	15.4	2.0	7.2	1.1	7.9	92.1
Houston	98.0	0.5	0.5	1.0	0.0	0.5	99.5
Hubbard	94.9	0.0	4.0	0.6	0.6	0.0	100.0
Isanti	98.6	0.6	0.6	0.3	0.0	0.6	99.4
Itasca	94.5	0.0	5.3	0.0	0.2	0.5	99.5
Jackson	97.4	0.0	0.0	2.6	0.0	5.2	94.8
Kanabec	100.0	0.0	0.0	0.0	0.0	0.6	99.4
Kandiyohi	96.6	1.8	1.0	0.4	0.2	19.8	80.2
Kittson	100.0	0.0	0.0	0.0	0.0	2.2	97.8
Koochiching	98.1	0.6	1.3	0.0	0.0	0.6	99.4
Lac Qui Parle	100.0	0.0	0.0	0.0	0.0	0.0	100.0
Lake	96.2	0.0	0.0	1.9	1.9	2.0	98.0
Lake of the Woods	90.7	0.0	7.0	2.3	0.0	0.0	100.0
Le Sueur	97.0	1.0	0.0	0.3	1.7	10.9	89.1
Lincoln	100.0	0.0	0.0	0.0	0.0	0.0	100.0
Lyon	95.4	2.5	0.0	1.9	0.3	10.8	89.2
McLeod	98.3	0.0	0.0	0.9	0.9	8.8	91.2
Mahnomen	44.4	0.0	55.6	0.0	0.0	0.0	100.0
Marshall	95.3	0.9	0.9	0.9	1.9	9.5	90.5
Martin	99.6	0.0	0.0	0.4	0.0	4.2	95.8
Meeker	99.0	0.0	0.7	0.0	0.3	4.4	95.6
Mille Lacs	91.4	0.4	7.4	0.0	0.8	0.4	99.6
Morrison	98.7	0.3	0.3	0.8	0.0	0.0	100.0
Mower	96.6	0.4	0.0	2.7	0.2	6.9	93.1
Murray	98.6	0.0	1.4	0.0	0.0	2.7	97.3

**Nativity Table 9: Race and Ethnicity of Mother in Minnesota
By State and County, 1999**

	Race of Mother - Percent					Ethnicity of Mother - Percent	
	White	African American	American Indian	Asian	Unknown / Other	Hispanic (any race)	Not Hispanic
State of Minnesota	86.6	6.0	1.8	4.9	0.7	5.3	94.7
Nicollet	96.4	2.4	0.0	0.9	0.3	2.1	97.9
Nobles	86.3	4.1	2.7	5.8	1.0	25.1	74.9
Norman	97.8	0.0	2.2	0.0	0.0	8.2	91.8
Olmsted	86.2	5.5	0.3	7.1	0.9	2.9	97.1
Otter Tail	97.6	0.5	0.9	0.9	0.2	2.3	97.7
Pennington	97.0	0.0	2.4	0.6	0.0	2.4	97.6
Pine	95.0	0.0	4.0	0.9	0.0	0.3	99.7
Pipestone	96.8	0.0	1.1	2.1	0.0	1.1	98.9
Polk	96.7	0.0	2.1	0.9	0.3	11.3	88.7
Pope	100.0	0.0	0.0	0.0	0.0	0.0	100.0
Ramsey	69.4	12.4	1.4	15.9	1.0	8.7	91.3
Red Lake	100.0	0.0	0.0	0.0	0.0	0.0	100.0
Redwood	94.5	0.0	4.5	1.0	0.0	3.0	97.0
Renville	97.6	0.0	1.5	0.5	0.5	20.1	79.9
Rice	95.2	2.2	0.4	1.8	0.3	13.1	86.9
Rock	98.2	0.0	0.9	0.9	0.0	4.5	95.5
Roseau	94.7	0.0	1.4	3.9	0.0	0.0	100.0
St. Louis	94.2	1.3	3.5	0.8	0.2	1.0	99.0
Scott	94.7	0.6	0.7	3.1	0.8	5.3	94.7
Sherburne	98.0	0.5	0.3	0.9	0.4	0.7	99.3
Sibley	98.0	0.0	0.0	1.5	0.5	13.3	86.7
Stearns	97.1	1.0	0.4	1.3	0.2	2.0	98.0
Steele	96.5	2.5	0.0	0.5	0.5	7.2	92.8
Stevens	94.0	2.6	1.7	1.7	0.0	1.7	98.3
Swift	99.2	0.0	0.8	0.0	0.0	7.3	92.7
Todd	95.9	0.0	1.1	1.1	1.9	5.3	94.7
Traverse	90.9	0.0	9.1	0.0	0.0	0.0	100.0
Wabasha	98.1	0.0	0.9	0.5	0.5	1.9	98.1
Wadena	98.8	0.0	0.0	0.6	0.6	1.8	98.2
Waseca	97.6	1.6	0.0	0.0	0.8	5.1	94.9
Washington	93.9	1.6	0.2	3.7	0.6	2.7	97.3
Watonwan	95.0	0.0	0.0	1.9	3.1	35.4	64.6
Wilkin	97.9	0.0	2.1	0.0	0.0	4.3	95.7
Winona	94.8	0.7	0.0	2.8	1.7	2.4	97.6
Wright	98.9	0.3	0.4	0.4	0.1	1.0	99.0
Yellow Medicine	97.6	0.0	1.6	0.0	0.8	2.4	97.6

Source: Minnesota Department of Health, Center for Health Statistics

Section C: Mortality

Tables

Table 1: Leading Causes of Death

Table 2: Years of Potential Life Lost

Table 3a: Unintentional Injuries, Suicides and Homicides

Table 3b: Fall and Motor Vehicle Deaths

Table 4: Number of Cases of Cancer Deaths by Major Site & Sex

**Mortality Table 1: Minnesota Leading Causes of Death*
in Minnesota by State and County, 1999**

	Heart Disease	Cancer	Stroke	CLRD	Unintent. Injury	Diabetes	Alz. Disease	Pneum./Influenza	Nephritis
State of Minnesota	9,529	8,876	2,983	1,990	1,763	1,248	1,083	1,066	601
Aitkin	53	39	13	13	4	4	4	3	2
Anoka	314	351	94	81	65	39	22	28	15
Becker	69	79	20	14	27	9	9	3	4
Beltrami	70	65	26	26	21	14	7	10	4
Benton	101	58	41	15	13	6	10	8	5
Big Stone	35	21	13	3	3	5	1	3	2
Blue Earth	116	90	42	23	9	22	24	13	2
Brown	97	76	27	12	6	16	7	11	8
Carlton	79	56	35	15	8	12	5	5	1
Carver	85	75	21	10	14	18	3	11	4
Cass	79	66	19	18	8	19	10	10	6
Chippewa	38	28	12	11	4	4	6	6	1
Chisago	66	70	22	17	17	10	6	8	4
Clay	107	99	34	15	22	16	10	11	4
Clearwater	34	22	10	5	7	2	2	2	3
Cook	9	9	3	2	4	3	1	3	1
Cottonwood	60	42	12	5	13	1	1	6	0
Crow Wing	154	114	41	26	25	20	13	9	5
Dakota	356	418	114	81	78	59	50	32	23
Dodge	39	24	15	6	7	4	3	2	2
Douglas	97	72	23	15	19	4	10	10	6
Faribault	74	38	17	18	10	9	8	9	6
Fillmore	86	50	13	16	14	7	5	10	3
Freeborn	125	75	38	16	13	8	21	5	3
Goodhue	129	90	35	21	32	11	8	16	12
Grant	23	20	8	2	8	1	1	6	1
Hennepin	1,667	1,935	561	468	383	257	226	209	147
Houston	49	41	20	14	12	3	7	6	6
Hubbard	57	36	20	14	8	6	5	7	2
Isanti	51	56	20	11	14	6	9	4	4
Itasca	113	122	27	23	20	12	14	10	10
Jackson	31	18	14	7	7	3	7	10	4
Kanabec	31	35	11	7	15	4	6	6	3
Kandiyohi	94	89	33	12	21	5	14	20	5
Kittson	29	14	5	3	2	2	2	1	1
Koochiching	61	36	15	8	5	10	4	5	3
Lac Qui Parle	38	38	9	3	7	7	4	4	0
Lake	32	30	8	6	2	6	10	3	1
Lake of the Woods	12	10	5	2	1	1	0	0	1
Le Sueur	54	50	17	7	13	12	3	11	3
Lincoln	27	14	17	4	6	1	7	7	4
Lyon	80	47	33	11	10	7	6	2	4
McLeod	87	73	35	14	18	15	7	7	9
Mahnomen	19	16	2	10	2	0	0	0	0
Marshall	33	17	10	1	6	3	4	4	0
Martin	80	46	12	11	13	16	9	5	3
Meeker	66	57	24	20	7	8	2	8	2

**Mortality Table 1: Minnesota Leading Causes of Death*
in Minnesota by State and County, 1999**

	Heart Disease	Cancer	Stroke	CLRD	Unintent. Injury	Diabetes	Alz. Disease	Pneum./Influenza	Nephritis
State of Minnesota	9,529	8,876	2,983	1,990	1,763	1,248	1,083	1,066	601
Mille Lacs	62	68	23	10	15	4	4	7	7
Morrison	81	63	26	12	9	17	5	6	4
Mower	135	127	27	29	20	19	18	11	5
Murray	38	29	8	6	6	6	4	4	3
Nicollet	40	47	10	5	6	4	11	3	2
Nobles	85	53	22	13	9	4	7	7	4
Norman	26	18	10	5	2	3	1	6	2
Olmsted	205	208	53	31	54	10	22	22	13
Otter Tail	177	153	48	40	28	15	22	29	5
Pennington	44	27	22	10	8	3	5	2	2
Pine	73	63	12	11	11	8	2	6	3
Pipestone	26	28	12	5	9	4	6	2	2
Polk	83	86	29	19	12	18	16	12	6
Pope	45	30	18	8	4	3	6	6	4
Ramsey	897	981	334	215	145	123	110	113	68
Red Lake	11	12	3	1	5	0	0	3	1
Redwood	78	49	14	11	9	10	7	5	2
Renville	57	39	23	10	6	12	10	11	3
Rice	105	89	32	18	22	11	19	12	5
Rock	33	18	16	7	5	2	6	5	2
Roseau	44	32	15	3	5	5	3	5	1
St. Louis	612	493	165	115	97	80	72	78	34
Scott	94	100	36	13	17	16	12	11	0
Sherburne	80	76	25	17	17	10	14	8	8
Sibley	41	41	13	5	10	5	1	4	5
Stearns	228	185	54	34	40	20	11	25	15
Steele	77	68	20	13	12	13	9	2	3
Stevens	17	18	9	4	3	2	4	5	1
Swift	47	24	13	10	4	3	3	0	3
Todd	44	41	10	7	12	12	2	6	4
Traverse	27	16	7	1	2	3	3	1	0
Wabasha	43	52	12	11	17	1	2	6	1
Wadena	65	44	17	9	5	10	7	9	1
Waseca	59	35	18	8	13	4	2	2	2
Washington	219	243	72	59	35	44	25	27	13
Watonwan	47	27	10	7	6	3	2	5	2
Wilkin	18	20	5	5	3	2	1	2	4
Winona	107	100	33	23	26	5	18	13	5
Wright	116	117	49	33	25	25	9	10	12
Yellow Medicine	37	29	12	5	6	2	9	6	5

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

ICD-10 Definitions on Page C-9

*Order of deaths is by the leading causes for the State of Minnesota

CLRD - Chronic Lower Respiratory Disease

Alz. Disease - Alzheimer's Disease

**Mortality Table 1: Minnesota Leading Causes of Death*
in Minnesota by State and County, 1999**

	Suicide	Cirr- hosis	Septi- cemia	Athero- sclerosis	Cong. Anom.	Peri. Cond.	Homicide	AIDS/H IV	SIDS
State of Minnesota	438	312	225	208	196	163	137	72	39
Aitkin	3	0	0	2	1	1	0	0	0
Anoka	24	16	8	8	7	8	4	2	5
Becker	3	2	2	0	2	3	1	0	1
Beltrami	6	2	2	1	1	0	5	0	0
Benton	2	1	1	5	0	0	1	0	0
Big Stone	0	0	0	0	0	0	0	0	0
Blue Earth	3	2	3	0	2	1	1	0	1
Brown	3	2	0	0	0	0	0	0	0
Carlton	4	3	3	12	1	2	1	0	0
Carver	2	1	2	1	5	4	2	0	0
Cass	1	3	0	1	0	1	1	1	0
Chippewa	2	1	1	3	0	0	2	0	0
Chisago	8	1	6	2	1	1	1	0	0
Clay	7	5	2	2	3	0	0	1	3
Clearwater	1	3	0	1	1	0	1	0	0
Cook	1	0	2	0	0	0	0	0	0
Cottonwood	2	1	0	1	2	0	0	0	0
Crow Wing	2	5	2	0	0	0	0	0	1
Dakota	20	10	11	8	9	11	3	2	3
Dodge	4	0	1	0	0	0	0	0	0
Douglas	4	1	3	3	0	0	0	0	0
Faribault	0	0	0	1	0	0	0	0	0
Fillmore	3	1	1	5	0	0	0	1	0
Freeborn	4	2	1	15	4	1	0	0	0
Goodhue	5	4	1	2	1	2	2	1	0
Grant	0	0	1	0	0	0	0	0	0
Hennepin	104	70	61	18	40	41	51	39	6
Houston	0	3	0	1	0	1	1	0	0
Hubbard	4	1	4	0	2	0	0	0	0
Isanti	8	1	2	0	0	1	2	0	0
Itasca	1	2	4	9	1	4	0	0	0
Jackson	2	1	1	1	1	0	0	0	0
Kanabec	2	0	0	1	0	0	0	0	0
Kandiyohi	6	3	2	2	3	0	0	0	0
Kittson	1	0	1	0	0	0	1	0	0
Koochiching	1	1	1	0	1	1	0	0	0
Lac Qui Parle	0	1	1	0	0	0	0	0	0
Lake	3	0	1	0	0	0	0	0	0
Lake of the Woods	2	0	0	0	0	0	0	0	0
Le Sueur	4	3	0	1	0	0	2	0	0
Lincoln	1	0	0	0	0	0	0	0	0
Lyon	4	0	0	0	0	1	1	0	0
McLeod	1	1	0	5	0	4	1	0	2
Mahnomen	1	2	1	0	0	0	0	0	0
Marshall	0	0	0	0	0	1	0	0	0
Martin	2	3	1	2	2	0	0	0	0
Meeker	2	1	0	1	1	0	0	0	0

**Mortality Table 1: Minnesota Leading Causes of Death*
in Minnesota by State and County, 1999**

	Suicide	Cirr- hosis	Septi- cemia	Athero- sclerosis	Cong. Anom.	Peri. Cond.	Homicide	AIDS/H IV	SIDS
State of Minnesota	438	312	225	208	196	163	137	72	39
Mille Lacs	0	6	2	1	0	0	1	0	1
Morrison	8	0	2	1	1	0	0	0	0
Mower	3	3	3	3	3	4	1	1	0
Murray	0	0	1	0	2	0	0	0	0
Nicollet	3	1	1	0	1	0	0	0	1
Nobles	3	1	4	0	0	0	1	0	0
Norman	1	0	0	1	0	1	0	0	0
Olmsted	14	10	2	1	9	2	1	5	2
Otter Tail	8	3	5	9	0	1	3	0	0
Pennington	2	0	1	0	0	0	0	0	1
Pine	2	3	3	1	0	0	0	0	0
Pipestone	0	1	1	0	1	1	0	0	1
Polk	4	3	0	4	2	2	3	0	0
Pope	3	2	1	0	1	0	2	0	0
Ramsey	35	53	28	16	40	29	18	13	6
Red Lake	1	0	1	0	0	0	0	0	0
Redwood	3	3	0	1	1	0	0	0	0
Renville	0	2	0	3	2	0	0	0	0
Rice	9	2	1	8	2	0	5	1	0
Rock	0	2	0	0	0	1	0	0	1
Roseau	3	1	1	1	0	1	0	0	0
St. Louis	25	25	15	12	14	6	7	2	2
Scott	5	1	2	5	2	1	0	0	0
Sherburne	6	4	0	1	6	2	1	0	0
Sibley	0	0	1	0	0	1	0	0	0
Stearns	5	2	1	4	7	7	3	1	0
Steele	2	2	1	1	0	0	0	0	0
Stevens	1	0	0	2	0	1	0	0	0
Swift	0	2	4	2	0	0	0	0	1
Todd	1	0	0	0	2	0	1	0	0
Traverse	0	0	0	0	0	0	0	0	0
Wabasha	1	2	2	0	0	1	0	0	0
Wadena	1	0	0	4	0	0	0	0	0
Waseca	1	0	0	0	0	1	1	0	0
Washington	12	9	4	6	4	9	1	2	1
Watonwan	0	0	0	1	1	0	1	0	0
Wilkin	2	0	0	1	1	0	0	0	0
Winona	1	4	1	0	0	2	0	0	0
Wright	8	5	3	4	3	1	2	0	0
Yellow Medicine	2	1	1	1	0	0	1	0	0

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

ICD-10 Definitons on Page C-9

*Order of deaths is by the leading causes for the State of Minnesota

Cong. Anom. - Congenital Anomalies

Peri. Cond. - Perinata Conditions

**Mortality Table 2: Minnesota YPLL to Age 75
in Minnesota by State and County, 1999**

	Cancer	Heart Disease	Unintent. Injury	Suicide	Peri. Cond.	Cong. Anom.	Stroke	Diabetes
State of Minnesota	65,027.5	37,387.5	36,570.0	14,070.0	11,810.0	10,825.0	7,092.5	6,020.0
Aitkin	252.5	180.0	55.0	145.0	72.5	72.5	10.0	20.0
Anoka	3,655.0	2,145.0	1,762.5	710.0	580.0	410.0	440.0	285.0
Becker	420.0	290.0	722.5	125.0	217.5	137.5	60.0	0.0
Beltrami	350.0	372.5	562.5	200.0	0.0	72.5	105.0	135.0
Benton	375.0	255.0	330.0	80.0	0.0	0.0	155.0	55.0
Big Stone	130.0	75.0	60.0	0.0	0.0	0.0	5.0	55.0
Blue Earth	560.0	385.0	200.0	125.0	72.5	40.0	25.0	110.0
Brown	370.0	220.0	220.0	70.0	0.0	0.0	10.0	45.0
Carlton	350.0	290.0	185.0	140.0	145.0	72.5	115.0	40.0
Carver	870.0	250.0	415.0	110.0	290.0	315.0	80.0	70.0
Cass	545.0	467.5	357.5	15.0	72.5	0.0	25.0	90.0
Chippewa	145.0	55.0	95.0	45.0	0.0	0.0	30.0	15.0
Chisago	630.0	180.0	440.0	335.0	72.5	5.0	50.0	110.0
Clay	890.0	552.5	530.0	150.0	0.0	217.5	140.0	80.0
Clearwater	60.0	60.0	115.0	45.0	0.0	25.0	5.0	40.0
Cook	105.0	35.0	65.0	55.0	0.0	0.0	5.0	5.0
Cottonwood	135.0	115.0	330.0	80.0	0.0	87.5	0.0	0.0
Crow Wing	635.0	570.0	540.0	50.0	0.0	0.0	45.0	100.0
Dakota	4,402.5	2,280.0	1,775.0	710.0	797.5	505.0	320.0	305.0
Dodge	230.0	155.0	130.0	140.0	0.0	0.0	40.0	5.0
Douglas	465.0	115.0	482.5	130.0	0.0	0.0	105.0	5.0
Faribault	312.5	202.5	55.0	0.0	0.0	0.0	15.0	60.0
Fillmore	295.0	235.0	400.0	35.0	0.0	0.0	0.0	25.0
Freeborn	595.0	360.0	305.0	25.0	72.5	117.5	150.0	30.0
Goodhue	440.0	365.0	842.5	180.0	145.0	72.5	70.0	60.0
Grant	100.0	110.0	230.0	0.0	0.0	0.0	20.0	25.0
Hennepin	14,457.5	7,377.5	6,155.0	3,120.0	2,965.0	2,332.5	1,395.0	1,420.0
Houston	170.0	110.0	140.0	0.0	72.5	0.0	25.0	0.0
Hubbard	255.0	195.0	212.5	110.0	0.0	80.0	100.0	25.0
Isanti	415.0	230.0	362.5	320.0	72.5	0.0	140.0	5.0
Itasca	695.0	345.0	435.0	35.0	290.0	15.0	25.0	20.0
Jackson	130.0	90.0	180.0	50.0	0.0	35.0	55.0	0.0
Kanabec	185.0	195.0	265.0	60.0	0.0	0.0	30.0	15.0
Kandiyohi	525.0	355.0	515.0	230.0	0.0	217.5	55.0	35.0
Kittson	80.0	45.0	15.0	15.0	0.0	0.0	15.0	0.0
Koochiching	235.0	190.0	35.0	15.0	72.5	72.5	60.0	25.0
Lac Qui Parle	295.0	65.0	205.0	0.0	0.0	0.0	30.0	5.0
Lake	180.0	100.0	35.0	85.0	0.0	0.0	5.0	35.0
Lake of the Woods	85.0	15.0	55.0	60.0	0.0	0.0	0.0	5.0
Le Sueur	400.0	135.0	217.5	150.0	0.0	0.0	10.0	70.0
Lincoln	90.0	65.0	60.0	5.0	0.0	0.0	10.0	0.0
Lyon	250.0	250.0	285.0	105.0	72.5	0.0	10.0	95.0
McLeod	750.0	285.0	460.0	0.0	290.0	0.0	80.0	105.0
Mahnomen	125.0	105.0	100.0	55.0	0.0	0.0	5.0	0.0
Marshall	60.0	105.0	177.5	0.0	72.5	0.0	0.0	0.0
Martin	120.0	252.5	412.5	90.0	0.0	145.0	5.0	30.0
Meeker	440.0	220.0	175.0	80.0	0.0	25.0	75.0	5.0
Mille Lacs	350.0	250.0	310.0	0.0	0.0	0.0	105.0	15.0
Morrison	405.0	300.0	280.0	270.0	0.0	72.5	40.0	15.0
Mower	715.0	265.0	310.0	105.0	290.0	107.5	25.0	85.0
Murray	85.0	145.0	100.0	0.0	0.0	97.5	0.0	5.0
Nicollet	350.0	135.0	70.0	115.0	0.0	25.0	20.0	25.0
Nobles	340.0	220.0	335.0	115.0	0.0	0.0	30.0	10.0
Norman	85.0	60.0	0.0	55.0	72.5	0.0	15.0	5.0
Olmsted	1,775.0	915.0	730.0	510.0	145.0	567.5	135.0	110.0

**Mortality Table 2: Minnesota YPLL to Age 75
in Minnesota by State and County, 1999**

	Cancer	Heart Disease	Unintent. Injury	Suicide	Peri. Cond.	Cong. Anom.	Stroke	Diabetes
State of Minnesota	65,027.5	37,387.5	36,570.0	14,070.0	11,810.0	10,825.0	7,092.5	6,020.0
Otter Tail	940.0	602.5	680.0	265.0	72.5	0.0	90.0	80.0
Pennington	210.0	90.0	165.0	35.0	0.0	0.0	30.0	0.0
Pine	580.0	410.0	325.0	55.0	0.0	0.0	80.0	5.0
Pipestone	70.0	115.0	165.0	0.0	72.5	72.5	20.0	0.0
Polk	480.0	200.0	237.5	170.0	145.0	30.0	85.0	60.0
Pope	95.0	90.0	40.0	25.0	0.0	0.0	5.0	15.0
Ramsey	7,910.0	3,895.0	2,902.5	1,030.0	2,102.5	2,412.5	590.0	630.0
Red Lake	60.0	30.0	185.0	35.0	0.0	0.0	0.0	0.0
Redwood	305.0	385.0	220.0	80.0	0.0	72.5	25.0	35.0
Renville	175.0	90.0	60.0	0.0	0.0	45.0	50.0	105.0
Rice	670.0	270.0	150.0	325.0	0.0	130.0	95.0	10.0
Rock	115.0	85.0	85.0	0.0	72.5	0.0	70.0	5.0
Roseau	105.0	325.0	115.0	105.0	72.5	0.0	15.0	20.0
St. Louis	2,645.0	2,015.0	1,955.0	750.0	435.0	532.5	370.0	310.0
Scott	1,050.0	500.0	335.0	215.0	72.5	107.5	100.0	105.0
Sherburne	760.0	350.0	427.5	240.0	145.0	420.0	25.0	40.0
Sibley	340.0	180.0	85.0	0.0	72.5	0.0	15.0	25.0
Stearns	1,222.5	860.0	965.0	245.0	507.5	347.5	257.5	100.0
Steele	480.0	100.0	135.0	80.0	0.0	0.0	35.0	45.0
Stevens	110.0	5.0	175.0	55.0	72.5	0.0	0.0	0.0
Swift	165.0	165.0	50.0	0.0	0.0	0.0	10.0	25.0
Todd	190.0	195.0	110.0	35.0	0.0	145.0	50.0	45.0
Traverse	25.0	50.0	40.0	0.0	0.0	0.0	5.0	0.0
Wabasha	240.0	165.0	387.5	15.0	72.5	0.0	0.0	0.0
Wadena	140.0	350.0	125.0	55.0	0.0	0.0	25.0	20.0
Waseca	275.0	80.0	360.0	35.0	72.5	0.0	5.0	5.0
Washington	2,090.0	1,200.0	667.5	375.0	652.5	262.5	245.0	260.0
Watsonwan	120.0	130.0	165.0	0.0	0.0	72.5	25.0	35.0
Wilkin	200.0	45.0	35.0	80.0	0.0	15.0	0.0	0.0
Winona	795.0	415.0	762.5	35.0	145.0	0.0	110.0	50.0
Wright	980.0	580.0	477.5	230.0	72.5	217.5	135.0	50.0
Yellow Medicine	120.0	75.0	145.0	45.0	0.0	0.0	0.0	5.0

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

ICD-10 Definitions on Page C-9

*Order of deaths is by the leading causes of YPLL for the State of Minnesota

Cong. Anom. - Congenital Anomalies

Peri. Cond. - Perinatal Conditions

**Mortality Table 2: Minnesota YPLL to Age 75
in Minnesota by State and County, 1999**

	COPD	Homicide	Cirrhosis	SIDS	Pneum./ Influenza	AIDS/HIV	Septicemia
State of Minnesota	5,920.0	5,765.0	4,182.5	2,827.5	2,580.0	2,380.0	1,787.5
Aitkin	25.0	0.0	0.0	0.0	5.0	0.0	0.0
Anoka	335.0	140.0	295.0	362.5	155.0	80.0	110.0
Becker	65.0	45.0	15.0	72.5	0.0	0.0	0.0
Beltrami	60.0	155.0	15.0	0.0	5.0	0.0	0.0
Benton	10.0	45.0	5.0	0.0	72.5	0.0	0.0
Big Stone	5.0	0.0	0.0	0.0	0.0	0.0	0.0
Blue Earth	50.0	35.0	5.0	72.5	85.0	0.0	25.0
Brown	30.0	0.0	30.0	0.0	15.0	0.0	0.0
Carlton	50.0	55.0	75.0	0.0	10.0	0.0	5.0
Carver	10.0	30.0	5.0	0.0	65.0	0.0	90.0
Cass	60.0	0.0	35.0	0.0	45.0	45.0	0.0
Chippewa	25.0	107.5	25.0	0.0	5.0	0.0	35.0
Chisago	25.0	25.0	15.0	0.0	0.0	0.0	25.0
Clay	40.0	0.0	30.0	217.5	65.0	45.0	0.0
Clearwater	35.0	35.0	15.0	0.0	0.0	0.0	0.0
Cook	0.0	0.0	0.0	0.0	5.0	0.0	72.5
Cottonwood	70.0	0.0	0.0	0.0	15.0	0.0	0.0
Crow Wing	70.0	0.0	65.0	72.5	90.0	0.0	10.0
Dakota	345.0	125.0	130.0	217.5	65.0	60.0	120.0
Dodge	50.0	0.0	0.0	0.0	0.0	0.0	0.0
Douglas	5.0	0.0	0.0	0.0	5.0	0.0	0.0
Faribault	5.0	0.0	0.0	0.0	50.0	0.0	0.0
Fillmore	65.0	0.0	35.0	0.0	0.0	25.0	0.0
Freeborn	50.0	0.0	15.0	0.0	0.0	0.0	0.0
Goodhue	70.0	110.0	70.0	0.0	5.0	25.0	15.0
Grant	0.0	0.0	0.0	0.0	5.0	0.0	0.0
Hennepin	1,450.0	2,200.0	970.0	435.0	462.5	1,305.0	500.0
Houston	55.0	72.5	55.0	0.0	0.0	0.0	0.0
Hubbard	35.0	0.0	0.0	0.0	0.0	0.0	5.0
Isanti	20.0	80.0	35.0	0.0	0.0	0.0	20.0
Itasca	75.0	0.0	5.0	0.0	0.0	0.0	10.0
Jackson	5.0	0.0	5.0	0.0	5.0	0.0	0.0
Kanabec	55.0	0.0	0.0	0.0	0.0	0.0	0.0
Kandiyohi	10.0	0.0	0.0	0.0	10.0	0.0	0.0
Kittson	30.0	55.0	0.0	0.0	0.0	0.0	0.0
Koochiching	10.0	0.0	5.0	0.0	5.0	0.0	15.0
Lac Qui Parle	0.0	0.0	5.0	0.0	25.0	0.0	0.0
Lake	20.0	0.0	0.0	0.0	5.0	0.0	25.0
Lake of the Woods	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Le Sueur	10.0	127.5	65.0	0.0	0.0	0.0	0.0
Lincoln	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lyon	10.0	35.0	0.0	0.0	0.0	0.0	0.0
McLeod	35.0	45.0	0.0	145.0	45.0	0.0	0.0
Mahnomen	30.0	0.0	60.0	0.0	0.0	0.0	0.0
Marshall	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Martin	10.0	0.0	40.0	0.0	55.0	0.0	0.0
Meeker	40.0	0.0	5.0	0.0	40.0	0.0	0.0
Mille Lacs	30.0	45.0	50.0	72.5	0.0	0.0	0.0
Morrison	60.0	0.0	0.0	0.0	0.0	0.0	15.0
Mower	55.0	45.0	35.0	0.0	97.5	25.0	5.0
Murray	5.0	0.0	0.0	0.0	0.0	0.0	25.0
Nicollet	5.0	0.0	25.0	72.5	0.0	0.0	0.0
Nobles	0.0	45.0	0.0	0.0	132.5	0.0	5.0
Norman	15.0	0.0	0.0	0.0	5.0	0.0	0.0
Olmsted	75.0	45.0	205.0	145.0	60.0	205.0	72.5

**Mortality Table 2: Minnesota YPLL to Age 75
in Minnesota by State and County, 1999**

	COPD	Homicide	Cirrhosis	SIDS	Pneum./ Influenza	AIDS/HIV	Septicemia
State of Minnesota	5,920.0	5,765.0	4,182.5	2,827.5	2,580.0	2,380.0	1,787.5
Otter Tail	95.0	182.5	35.0	0.0	55.0	0.0	35.0
Pennington	55.0	0.0	0.0	72.5	0.0	0.0	15.0
Pine	20.0	0.0	30.0	0.0	20.0	0.0	15.0
Pipestone	5.0	0.0	45.0	72.5	0.0	0.0	0.0
Polk	60.0	35.0	20.0	0.0	5.0	0.0	0.0
Pope	5.0	90.0	10.0	0.0	10.0	0.0	0.0
Ramsey	640.0	847.5	722.5	435.0	240.0	385.0	247.5
Red Lake	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Redwood	20.0	0.0	40.0	0.0	0.0	0.0	0.0
Renville	30.0	0.0	40.0	0.0	25.0	0.0	0.0
Rice	30.0	282.5	40.0	0.0	95.0	45.0	0.0
Rock	20.0	0.0	0.0	72.5	0.0	0.0	0.0
Roseau	20.0	0.0	0.0	0.0	5.0	0.0	5.0
St. Louis	440.0	270.0	340.0	145.0	135.0	40.0	160.0
Scott	70.0	0.0	0.0	0.0	40.0	0.0	20.0
Sherburne	35.0	5.0	70.0	0.0	0.0	0.0	0.0
Sibley	30.0	0.0	0.0	0.0	25.0	0.0	0.0
Stearns	65.0	135.0	40.0	0.0	5.0	45.0	5.0
Steele	85.0	0.0	15.0	0.0	0.0	0.0	0.0
Stevens	30.0	0.0	0.0	0.0	0.0	0.0	0.0
Swift	0.0	0.0	15.0	72.5	0.0	0.0	0.0
Todd	10.0	65.0	0.0	0.0	5.0	0.0	0.0
Traverse	0.0	0.0	0.0	0.0	5.0	0.0	0.0
Wabasha	35.0	0.0	25.0	0.0	0.0	0.0	25.0
Wadena	20.0	0.0	0.0	0.0	15.0	0.0	0.0
Waseca	20.0	65.0	0.0	0.0	0.0	0.0	0.0
Washington	245.0	5.0	150.0	72.5	50.0	50.0	40.0
Watonwan	5.0	25.0	0.0	0.0	20.0	0.0	0.0
Wilkin	20.0	0.0	0.0	0.0	0.0	0.0	0.0
Winona	75.0	0.0	15.0	0.0	20.0	0.0	0.0
Wright	35.0	0.0	85.0	0.0	80.0	0.0	0.0
Yellow Medicine	0.0	55.0	0.0	0.0	10.0	0.0	15.0

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

ICD-10 Definitions on Page C-9

*Order of deaths is by the leading causes of YPLL for the State of Minnesota

CLRD - Chronic Lower Respiratory Disease

Leading Causes of Death and YPLL

Major Causes of Death Categories used for Leading Causes of Death and YPLL tables

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, 1999

	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	203	1,560	1,763	38	99	137	39	399	438
Aitkin	1	3	4	0	0	0	2	1	3
Anoka	8	57	65	1	3	4	4	20	24
Becker	5	22	27	0	1	1	0	3	3
Beltrami	1	20	21	0	5	5	1	5	6
Benton	0	13	13	0	1	1	0	2	2
Big Stone	0	3	3	0	0	0	0	0	0
Blue Earth	2	7	9	0	1	1	1	2	3
Brown	2	4	6	0	0	0	0	3	3
Carlton	1	7	8	1	0	1	0	4	4
Carver	3	11	14	0	2	2	0	2	2
Cass	4	4	8	0	1	1	0	1	1
Chippewa	1	3	4	1	1	2	0	2	2
Chisago	3	14	17	0	1	1	3	5	8
Clay	2	20	22	0	0	0	0	7	7
Clearwater	0	7	7	0	1	1	0	1	1
Cook	0	4	4	0	0	0	0	1	1
Cottonwood	2	11	13	0	0	0	0	2	2
Crow Wing	4	21	25	0	0	0	0	2	2
Dakota	11	67	78	1	2	3	1	19	20
Dodge	0	7	7	0	0	0	0	4	4
Douglas	4	15	19	0	0	0	1	3	4
Faribault	0	10	10	0	0	0	0	0	0
Fillmore	2	12	14	0	0	0	0	3	3
Freeborn	2	11	13	0	0	0	0	4	4
Goodhue	5	27	32	1	1	2	1	4	5
Grant	3	5	8	0	0	0	0	0	0
Hennepin	25	358	383	15	36	51	3	101	104
Houston	1	11	12	1	0	1	0	0	0
Hubbard	1	7	8	0	0	0	0	4	4
Isanti	2	12	14	0	2	2	1	7	8
Itasca	4	16	20	0	0	0	0	1	1
Jackson	2	5	7	0	0	0	0	2	2
Kanabec	3	12	15	0	0	0	0	2	2
Kandiyohi	5	16	21	0	0	0	1	5	6
Kittson	0	2	2	0	1	1	0	1	1
Koochiching	0	5	5	0	0	0	0	1	1
Lac Qui Parle	1	6	7	0	0	0	0	0	0
Lake	0	2	2	0	0	0	1	2	3
Lake of the Woods	1	0	1	0	0	0	1	1	2
Le Sueur	1	12	13	1	1	2	1	3	4
Lincoln	0	6	6	0	0	0	0	1	1
Lyon	2	8	10	0	1	1	0	4	4
McLeod	1	17	18	0	1	1	0	1	1
Mahnomen	1	1	2	0	0	0	0	1	1
Marshall	1	5	6	0	0	0	0	0	0
Martin	3	10	13	0	0	0	0	2	2
Meeker	1	6	7	0	0	0	0	2	2
Mille Lacs	0	15	15	0	1	1	0	0	0
Morrison	1	8	9	0	0	0	1	7	8

Mortality Table 3a: Number of Fatal Unintentional Injuries, Homicides and Suicides in Minnesota by State and County, 1999

	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	203	1,560	1,763	38	99	137	39	399	438
Mower	2	18	20	0	1	1	0	3	3
Murray	1	5	6	0	0	0	0	0	0
Nicollet	0	6	6	0	0	0	1	2	3
Nobles	3	6	9	0	1	1	0	3	3
Norman	0	2	2	0	0	0	0	1	1
Olmsted	3	51	54	0	1	1	1	13	14
Otter Tail	4	24	28	2	1	3	0	8	8
Pennington	0	8	8	0	0	0	0	2	2
Pine	2	9	11	0	0	0	0	2	2
Pipestone	1	8	9	0	0	0	0	0	0
Polk	2	10	12	0	3	3	1	3	4
Pope	0	4	4	1	1	2	0	3	3
Ramsey	15	130	145	5	13	18	3	32	35
Red Lake	0	5	5	0	0	0	0	1	1
Redwood	1	8	9	0	0	0	1	2	3
Renville	0	6	6	0	0	0	0	0	0
Rice	0	22	22	4	1	5	1	8	9
Rock	0	5	5	0	0	0	0	0	0
Roseau	2	3	5	0	0	0	0	3	3
St. Louis	9	88	97	2	5	7	2	23	25
Scott	2	15	17	0	0	0	0	5	5
Sherburne	3	14	17	0	1	1	0	6	6
Sibley	0	10	10	0	0	0	0	0	0
Stearns	6	34	40	0	3	3	2	3	5
Steele	0	12	12	0	0	0	1	1	2
Stevens	3	0	3	0	0	0	0	1	1
Swift	0	4	4	0	0	0	0	0	0
Todd	1	11	12	1	0	1	0	1	1
Traverse	0	2	2	0	0	0	0	0	0
Wabasha	2	15	17	0	0	0	0	1	1
Wadena	1	4	5	0	0	0	1	0	1
Waseca	4	9	13	1	0	1	0	1	1
Washington	2	33	35	0	1	1	1	11	12
Watowan	0	6	6	0	1	1	0	0	0
Wilkin	0	3	3	0	0	0	1	1	2
Winona	7	19	26	0	0	0	0	1	1
Wright	3	22	25	0	2	2	0	8	8
Yellow Medicine	2	4	6	0	1	1	0	2	2

Source: Minnesota Department of Health, Center for

ICD-9 Codes:

Fatal Unintentional Injury: 800-949

Homicide: 960-978

Suicide: 950-959

Mortality Table 3b: Number of Fatal Falls and Fatal Motor Vehicle Injuries in Minnesota by State and County, 1999

	Falls			Motor Vehicle		
	Under 20 Years	20 Years and Older	All Ages	Under 20 Years	20 Years and Older	All Ages
State of Minnesota	4	398	402	121	512	633
Aitkin	0	1	1	1	1	2
Anoka	0	11	11	5	26	31
Becker	0	0	0	3	11	14
Beltrami	0	2	2	1	8	9
Benton	0	1	1	0	5	5
Big Stone	0	0	0	0	3	3
Blue Earth	0	1	1	1	2	3
Brown	0	0	0	1	4	5
Carlton	0	0	0	1	3	4
Carver	0	4	4	3	4	7
Cass	0	0	0	2	0	2
Chippewa	0	0	0	1	3	4
Chisago	0	4	4	3	5	8
Clay	0	8	8	2	6	8
Clearwater	0	0	0	0	4	4
Cook	0	0	0	0	2	2
Cottonwood	0	0	0	2	7	9
Crow Wing	0	3	3	2	6	8
Dakota	0	26	26	5	21	26
Dodge	0	2	2	0	3	3
Douglas	0	2	2	4	4	8
Faribault	0	1	1	0	3	3
Fillmore	0	1	1	2	6	8
Freeborn	0	1	1	2	4	6
Goodhue	0	8	8	4	16	20
Grant	0	0	0	1	2	3
Hennepin	1	178	179	8	72	80
Houston	0	5	5	0	3	3
Hubbard	0	0	0	0	2	2
Isanti	0	1	1	1	4	5
Itasca	0	2	2	3	5	8
Jackson	0	0	0	1	4	5
Kanabec	0	3	3	1	4	5
Kandiyohi	0	1	1	4	7	11
Kittson	0	0	0	0	0	0
Koochiching	0	0	0	0	1	1
Lac Qui Parle	0	1	1	1	4	5
Lake	0	0	0	0	1	1
Lake of the Woods	0	0	0	0	0	0
Le Sueur	0	3	3	1	3	4
Lincoln	0	0	0	0	3	3
Lyon	0	2	2	2	4	6
McLeod	0	3	3	1	10	11
Mahnomen	0	0	0	1	1	2
Marshall	0	1	1	0	2	2
Martin	0	0	0	0	4	4
Meeker	0	0	0	1	3	4
Mille Lacs	0	1	1	0	7	7
Morrison	0	2	2	0	5	5

Mortality Table 3b: Number of Fatal Falls and Fatal Motor Vehicle Injuries in Minnesota by State and County, 1999

	Falls			Motor Vehicle		
	Under 20 Years	20 Years and Older	All Ages	Under 20 Years	20 Years and Older	All Ages
State of Minnesota	4	398	402	121	512	633
Mower	0	3	3	2	5	7
Murray	0	1	1	1	3	4
Nicollet	0	1	1	0	1	1
Nobles	0	0	0	3	3	6
Norman	0	0	0	0	0	0
Olmsted	0	20	20	1	14	15
Otter Tail	0	4	4	2	9	11
Pennington	0	1	1	0	4	4
Pine	0	1	1	2	3	5
Pipestone	0	2	2	1	4	5
Polk	0	5	5	1	1	2
Pope	0	0	0	0	2	2
Ramsey	0	26	26	5	27	32
Red Lake	0	0	0	0	3	3
Redwood	0	0	0	1	4	5
Renville	0	1	1	0	2	2
Rice	0	9	9	0	3	3
Rock	0	0	0	0	4	4
Roseau	0	1	1	0	2	2
St. Louis	1	11	12	6	24	30
Scott	0	7	7	1	5	6
Sherburne	0	2	2	2	3	5
Sibley	0	0	0	0	2	2
Stearns	0	5	5	3	14	17
Steele	0	0	0	0	9	9
Stevens	0	0	0	3	0	3
Swift	0	1	1	0	1	1
Todd	0	0	0	1	3	4
Traverse	0	1	1	0	0	0
Wabasha	0	2	2	1	7	8
Wadena	0	0	0	1	2	3
Waseca	0	2	2	4	3	7
Washington	1	3	4	1	13	14
Watonwan	0	1	1	0	2	2
Wilkin	0	1	1	0	0	0
Winona	1	2	3	3	11	14
Wright	0	6	6	3	9	12
Yellow Medicine	0	0	0	2	2	4

Source: Minnesota Department of Health Center for Health Statistics

ICD-9 Codes:

Motor Vehicle Injury (non-pedestrian): 810-819 (.0-.6, .8-9), 810-819(.9,

Falls: 880-881, 882, 883-884, 885, 885,888

Mortality Table 4a: Number and Percent of Cancer Deaths by Type of Cancer Site and Sex in Minnesota by State and County, 1995-1997**

	Breast				Colon and Rectum			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	22	0.2	2,176	17.1	1,390	10.3	1,439	11.3
Aitkin	0	0.0	6	10.5	8	9.0	6	10.5
Anoka	1	0.2	87	19.6	40	7.4	24	5.4
Becker	1	0.9	16	18.0	13	11.8	12	13.5
Beltrami	0	0.0	12	12.2	8	9.2	17	17.3
Benton	0	0.0	9	9.4	7	8.9	8	8.3
Big Stone	0	0.0	5	17.9	6	14.0	6	21.4
Blue Earth	0	0.0	25	16.9	16	11.0	16	10.8
Brown	0	0.0	12	12.0	7	6.9	13	13.0
Carlton	0	0.0	8	10.8	8	7.9	13	17.6
Carver	0	0.0	19	17.9	15	10.6	12	11.3
Cass	0	0.0	15	15.5	3	2.9	12	12.4
Chippewa	0	0.0	5	11.6	6	10.2	7	16.3
Chisago	0	0.0	11	12.6	9	8.2	9	10.3
Clay	0	0.0	24	21.4	22	16.5	12	10.7
Clearwater	0	0.0	5	33.3	6	12.5	1	6.7
Cook	0	0.0	3	21.4	1	7.7	1	7.1
Cottonwood	0	0.0	8	16.3	7	11.7	4	8.2
Crow Wing	0	0.0	38	22.9	19	9.5	9	5.4
Dakota	1	0.2	116	19.2	64	10.5	59	9.8
Dodge	0	0.0	7	20.0	0	0.0	4	11.4
Douglas	1	0.8	19	18.8	17	14.2	6	5.9
Faribault	0	0.0	17	22.7	8	11.1	10	13.3
Fillmore	0	0.0	12	17.6	5	5.4	11	16.2
Freeborn	1	0.8	18	15.7	11	8.7	14	12.2
Goodhue	0	0.0	33	24.3	14	11.0	22	16.2
Grant	0	0.0	7	29.2	6	16.7	4	16.7
Hennepin	5	0.2	516	17.2	282	10.3	289	9.6
Houston	0	0.0	12	18.2	5	7.0	9	13.6
Hubbard	0	0.0	10	16.4	10	11.2	7	11.5
Isanti	1	1.4	13	24.5	4	5.4	7	13.2
Itasca	1	0.6	30	20.4	24	13.6	22	15.0
Jackson	0	0.0	10	23.3	5	11.4	4	9.3
Kanabec	0	0.0	5	13.9	5	10.6	9	25.0
Kandiyohi	0	0.0	26	21.1	11	8.0	13	10.6
Kittson	0	0.0	5	22.7	5	15.6	1	4.5
Koochiching	0	0.0	8	15.7	4	7.8	4	7.8
Lac Qui Parle	0	0.0	6	17.6	5	9.8	7	20.6
Lake	1	1.7	4	7.8	2	3.4	8	15.7
Lake of the Woods	0	0.0	3	16.7	1	8.3	0	0.0
Le Sueur	0	0.0	14	19.7	9	12.3	10	14.1
Lincoln	1	2.1	8	18.2	7	14.6	9	20.5
Lyon	0	0.0	12	20.7	8	8.8	8	13.8
McLeod	0	0.0	16	16.7	12	12.6	15	15.6
Mahnomen	0	0.0	4	26.7	4	16.0	3	20.0
Marshall	0	0.0	3	8.6	4	7.1	9	25.7
Martin	0	0.0	13	14.0	12	12.4	14	15.1
Meeker	0	0.0	16	21.6	7	8.5	13	17.6
Mille Lacs	0	0.0	16	20.0	10	11.4	11	13.8
Morrison	0	0.0	12	11.9	11	10.0	9	8.9

Mortality Table 4a: Number and Percent of Cancer Deaths by Type of Cancer Site and Sex in Minnesota by State and County, 1995-1997**

	Breast				Colon and Rectum			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
Mower	0	0.0	25	18.1	37	19.9	24	17.4
Murray	0	0.0	7	17.9	2	6.3	4	10.3
Nicollet	0	0.0	11	21.6	8	12.5	4	7.8
Nobles	0	0.0	10	15.4	7	9.1	7	10.8
Norman	0	0.0	4	16.0	6	14.6	3	12.0
Olmsted	0	0.0	50	18.1	31	10.2	24	8.7
Otter Tail	0	0.0	25	14.0	30	12.7	22	12.4
Pennington	0	0.0	6	14.6	2	5.0	8	19.5
Pine	0	0.0	10	13.3	10	9.0	12	16.0
Pipestone	0	0.0	8	25.8	9	15.8	3	9.7
Polk	0	0.0	16	15.5	14	8.6	12	11.7
Pope	0	0.0	5	10.6	5	9.3	7	14.9
Ramsey	1	0.1	245	15.9	147	10.7	175	11.3
Red Lake	0	0.0	2	18.2	2	10.5	2	18.2
Redwood	0	0.0	10	16.7	13	14.4	7	11.7
Renville	0	0.0	8	15.4	6	7.2	7	13.5
Rice	0	0.0	21	18.1	19	11.8	14	12.1
Rock	0	0.0	9	19.6	4	10.8	2	4.3
Roseau	0	0.0	6	15.0	6	11.1	5	12.5
St. Louis	3	0.4	99	14.0	68	9.2	78	11.0
Scott	0	0.0	26	23.0	15	12.3	14	12.4
Sherburne	0	0.0	17	15.7	16	15.7	15	13.9
Sibley	0	0.0	11	19.3	5	9.3	9	15.8
Stearns	2	0.7	44	17.4	34	11.3	27	10.7
Steele	0	0.0	13	14.6	11	10.7	12	13.5
Stevens	0	0.0	4	14.8	5	14.7	8	29.6
Swift	1	1.7	5	10.2	4	6.8	12	24.5
Todd	0	0.0	10	14.1	10	11.1	6	8.5
Traverse	0	0.0	6	30.0	3	10.0	3	15.0
Wabasha	0	0.0	8	11.0	5	6.7	8	11.0
Wadena	0	0.0	8	17.4	10	16.1	8	17.4
Waseca	0	0.0	14	23.3	6	9.1	6	10.0
Washington	1	0.3	59	18.6	28	8.2	35	11.0
Watonwan	0	0.0	10	23.3	1	2.1	8	18.6
Wilkin	0	0.0	3	13.0	1	4.5	7	30.4
Winona	0	0.0	23	15.5	15	9.9	20	13.5
Wright	0	0.0	29	19.6	15	8.1	18	12.2
Yellow Medicine	0	0.0	10	22.2	7	13.5	10	22.2

Source: Minnesota Department of Health, Minnesota Cancer Surveillance System

**Includes number of deaths for the years 1995, 1996 and 1997.

*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 10 Codes:

Breast C50.0 - C50.6, C50.8 - C50.9
 Colon and Rectum 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, 1995-1997**

	Lung				Prostate			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	3,725	27.5	2,582	20.3	1,930	14.2	0	0.0
Aitkin	31	34.8	13	22.8	10	11.2	0	0.0
Anoka	159	29.4	125	28.1	58	10.7	0	0.0
Becker	27	24.5	28	31.5	17	15.5	0	0.0
Beltrami	31	35.6	18	18.4	10	11.5	0	0.0
Benton	28	35.4	20	20.8	8	10.1	0	0.0
Big Stone	11	25.6	2	7.1	6	14.0	0	0.0
Blue Earth	37	25.5	14	9.5	16	11.0	0	0.0
Brown	21	20.8	15	15.0	17	16.8	0	0.0
Carlton	33	32.7	23	31.1	10	9.9	0	0.0
Carver	32	22.7	19	17.9	18	12.8	0	0.0
Cass	36	35.0	22	22.7	13	12.6	0	0.0
Chippewa	21	35.6	7	16.3	12	20.3	0	0.0
Chisago	39	35.5	23	26.4	14	12.7	0	0.0
Clay	34	25.6	16	14.3	25	18.8	0	0.0
Clearwater	19	39.6	2	13.3	5	10.4	0	0.0
Cook	1	7.7	2	14.3	4	30.8	0	0.0
Cottonwood	16	26.7	6	12.2	10	16.7	0	0.0
Crow Wing	57	28.6	30	18.1	30	15.1	0	0.0
Dakota	150	24.7	127	21.1	69	11.4	0	0.0
Dodge	16	34.0	4	11.4	10	21.3	0	0.0
Douglas	28	23.3	21	20.8	16	13.3	0	0.0
Faribault	21	29.2	6	8.0	10	13.9	0	0.0
Fillmore	29	31.5	11	16.2	25	27.2	0	0.0
Freeborn	35	27.6	23	20.0	26	20.5	0	0.0
Goodhue	35	27.6	18	13.2	25	19.7	0	0.0
Grant	7	19.4	3	12.5	6	16.7	0	0.0
Hennepin	719	26.2	695	23.1	399	14.6	0	0.0
Houston	23	32.4	12	18.2	16	22.5	0	0.0
Hubbard	26	29.2	12	19.7	12	13.5	0	0.0
Isanti	19	25.7	14	26.4	19	25.7	0	0.0
Itasca	64	36.2	29	19.7	23	13.0	0	0.0
Jackson	11	25.0	6	14.0	6	13.6	0	0.0
Kanabec	16	34.0	5	13.9	1	2.1	0	0.0
Kandiyohi	34	24.6	20	16.3	20	14.5	0	0.0
Kittson	9	28.1	4	18.2	7	21.9	0	0.0
Koochiching	16	31.4	14	27.5	8	15.7	0	0.0
Lac Qui Parle	14	27.5	4	11.8	14	27.5	0	0.0
Lake	20	34.5	14	27.5	6	10.3	0	0.0
Lake of the Woods	2	16.7	5	27.8	2	16.7	0	0.0
Le Sueur	17	23.3	13	18.3	9	12.3	0	0.0
Lincoln	8	16.7	9	20.5	11	22.9	0	0.0
Lyon	22	24.2	10	17.2	20	22.0	0	0.0
McLeod	19	20.0	12	12.5	8	8.4	0	0.0
Mahnomen	6	24.0	2	13.3	5	20.0	0	0.0
Marshall	12	21.4	4	11.4	12	21.4	0	0.0
Martin	19	19.6	16	17.2	10	10.3	0	0.0
Meeker	21	25.6	3	4.1	16	19.5	0	0.0
Mille Lacs	22	25.0	15	18.8	14	15.9	0	0.0
Morrison	24	21.8	23	22.8	19	17.3	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, 1995-1997**

	Lung				Prostate			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
Mower	39	21.0	27	19.6	31	16.7	0	0.0
Murray	6	18.8	5	12.8	8	25.0	0	0.0
Nicollet	23	35.9	7	13.7	6	9.4	0	0.0
Nobles	19	24.7	7	10.8	14	18.2	0	0.0
Norman	8	19.5	5	20.0	5	12.2	0	0.0
Olmsted	78	25.7	45	16.2	38	12.5	0	0.0
Otter Tail	51	21.6	30	16.9	44	18.6	0	0.0
Pennington	10	25.0	5	12.2	7	17.5	0	0.0
Pine	44	39.6	15	20.0	18	16.2	0	0.0
Pipestone	15	26.3	4	12.9	6	10.5	0	0.0
Polk	44	27.0	22	21.4	27	16.6	0	0.0
Pope	14	25.9	10	21.3	9	16.7	0	0.0
Ramsey	402	29.3	338	21.9	157	11.4	0	0.0
Red Lake	3	15.8	1	9.1	5	26.3	0	0.0
Redwood	25	27.8	8	13.3	14	15.6	0	0.0
Renville	26	31.3	7	13.5	15	18.1	0	0.0
Rice	49	30.4	19	16.4	27	16.8	0	0.0
Rock	13	35.1	9	19.6	5	13.5	0	0.0
Roseau	15	27.8	7	17.5	6	11.1	0	0.0
St. Louis	213	28.9	157	22.2	94	12.8	0	0.0
Scott	31	25.4	21	18.6	15	12.3	0	0.0
Sherburne	33	32.4	19	17.6	11	10.8	0	0.0
Sibley	17	31.5	7	12.3	10	18.5	0	0.0
Stearns	75	24.8	51	20.2	36	11.9	0	0.0
Steele	22	21.4	14	15.7	16	15.5	0	0.0
Stevens	8	23.5	2	7.4	2	5.9	0	0.0
Swift	18	30.5	7	14.3	10	16.9	0	0.0
Todd	31	34.4	13	18.3	10	11.1	0	0.0
Traverse	7	23.3	3	15.0	6	20.0	0	0.0
Wabasha	25	33.3	15	20.5	10	13.3	0	0.0
Wadena	18	29.0	6	13.0	13	21.0	0	0.0
Waseca	13	19.7	11	18.3	14	21.2	0	0.0
Washington	90	26.2	71	22.3	34	9.9	0	0.0
Watonwan	22	45.8	5	11.6	5	10.4	0	0.0
Wilkin	9	40.9	0	0.0	3	13.6	0	0.0
Winona	43	28.5	29	19.6	26	17.2	0	0.0
Wright	54	29.2	32	21.6	32	17.3	0	0.0
Yellow Medicine	15	28.8	9	20.0	14	26.9	0	0.0

Source: Minnesota Department of Health, Minnesota Cancer Surveillance System

**Includes number of deaths for the years 1995, 1996 and 1997.

*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)

Mortality Table 4c: Number and Percent of Cancer Deaths by Type of Cancer Site and Sex in Minnesota by State and County, 1995-1997**

	Other				Total			
	Men		Women		Men		Women	
	Number	Percent^	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	6,491	47.9	6,499	51.2	13,558	100.0	12,696	100.0
Aitkin	40	44.9	32	56.1	89	100.0	57	100.0
Anoka	283	52.3	209	47.0	541	100.0	445	100.0
Becker	52	47.3	33	37.1	110	100.0	89	100.0
Beltrami	38	43.7	51	52.0	87	100.0	98	100.0
Benton	36	45.6	59	61.5	79	100.0	96	100.0
Big Stone	20	46.5	15	53.6	43	100.0	28	100.0
Blue Earth	76	52.4	93	62.8	145	100.0	148	100.0
Brown	56	55.4	60	60.0	101	100.0	100	100.0
Carlton	50	49.5	30	40.5	101	100.0	74	100.0
Carver	76	53.9	56	52.8	141	100.0	106	100.0
Cass	51	49.5	48	49.5	103	100.0	97	100.0
Chippewa	20	33.9	24	55.8	59	100.0	43	100.0
Chisago	48	43.6	44	50.6	110	100.0	87	100.0
Clay	52	39.1	60	53.6	133	100.0	112	100.0
Clearwater	18	37.5	7	46.7	48	100.0	15	100.0
Cook	7	53.8	8	57.1	13	100.0	14	100.0
Cottonwood	27	45.0	31	63.3	60	100.0	49	100.0
Crow Wing	93	46.7	89	53.6	199	100.0	166	100.0
Dakota	323	53.2	301	49.9	607	100.0	603	100.0
Dodge	21	44.7	20	57.1	47	100.0	35	100.0
Douglas	58	48.3	55	54.5	120	100.0	101	100.0
Faribault	33	45.8	42	56.0	72	100.0	75	100.0
Fillmore	33	35.9	34	50.0	92	100.0	68	100.0
Freeborn	54	42.5	60	52.2	127	100.0	115	100.0
Goodhue	53	41.7	63	46.3	127	100.0	136	100.0
Grant	17	47.2	10	41.7	36	100.0	24	100.0
Hennepin	1335	48.7	1504	50.1	2740	100.0	3004	100.0
Houston	27	38.0	33	50.0	71	100.0	66	100.0
Hubbard	41	46.1	32	52.5	89	100.0	61	100.0
Isanti	31	41.9	19	35.8	74	100.0	53	100.0
Itasca	65	36.7	66	44.9	177	100.0	147	100.0
Jackson	22	50.0	23	53.5	44	100.0	43	100.0
Kanabec	25	53.2	17	47.2	47	100.0	36	100.0
Kandiyohi	73	52.9	64	52.0	138	100.0	123	100.0
Kittson	11	34.4	12	54.5	32	100.0	22	100.0
Koochiching	23	45.1	25	49.0	51	100.0	51	100.0
Lac Qui Parle	18	35.3	17	50.0	51	100.0	34	100.0
Lake	29	50.0	25	49.0	58	100.0	51	100.0
Lake of the Woods	7	58.3	10	55.6	12	100.0	18	100.0
Le Sueur	38	52.1	34	47.9	73	100.0	71	100.0
Lincoln	21	43.8	18	40.9	48	100.0	44	100.0
Lyon	41	45.1	28	48.3	91	100.0	58	100.0
McLeod	56	58.9	53	55.2	95	100.0	96	100.0
Mahnomen	10	40.0	6	40.0	25	100.0	15	100.0
Marshall	28	50.0	19	54.3	56	100.0	35	100.0
Martin	56	57.7	50	53.8	97	100.0	93	100.0
Meeker	38	46.3	42	56.8	82	100.0	74	100.0
Mille Lacs	42	47.7	38	47.5	88	100.0	80	100.0
Morrison	56	50.9	57	56.4	110	100.0	101	100.0

Mortality Table 4c: Number and Percent of Cancer Deaths by Type of Cancer Site and Sex in Minnesota by State and County, 1995-1997**

	Other				Total			
	Men		Women		Men		Women	
	Number	Percent [^]	Number	Percent [^]	Number	Percent [*]	Number	Percent [^]
Mower	79	42.5	62	44.9	186	100.0	138	100.0
Murray	16	50.0	23	59.0	32	100.0	39	100.0
Nicollet	27	42.2	29	56.9	64	100.0	51	100.0
Nobles	37	48.1	41	63.1	77	100.0	65	100.0
Norman	22	53.7	13	52.0	41	100.0	25	100.0
Olmsted	157	51.6	158	57.0	304	100.0	277	100.0
Otter Tail	111	47.0	101	56.7	236	100.0	178	100.0
Pennington	21	52.5	22	53.7	40	100.0	41	100.0
Pine	39	35.1	38	50.7	111	100.0	75	100.0
Pipestone	27	47.4	16	51.6	57	100.0	31	100.0
Polk	78	47.9	53	51.5	163	100.0	103	100.0
Pope	26	48.1	25	53.2	54	100.0	47	100.0
Ramsey	666	48.5	787	50.9	1373	100.0	1545	100.0
Red Lake	9	47.4	6	54.5	19	100.0	11	100.0
Redwood	38	42.2	35	58.3	90	100.0	60	100.0
Renville	36	43.4	30	57.7	83	100.0	52	100.0
Rice	66	41.0	62	53.4	161	100.0	116	100.0
Rock	15	40.5	26	56.5	37	100.0	46	100.0
Roseau	27	50.0	22	55.0	54	100.0	40	100.0
St. Louis	359	48.7	374	52.8	737	100.0	708	100.0
Scott	61	50.0	52	46.0	122	100.0	113	100.0
Sherburne	42	41.2	57	52.8	102	100.0	108	100.0
Sibley	22	40.7	30	52.6	54	100.0	57	100.0
Stearns	155	51.3	131	51.8	302	100.0	253	100.0
Steele	54	52.4	50	56.2	103	100.0	89	100.0
Stevens	19	55.9	13	48.1	34	100.0	27	100.0
Swift	26	44.1	25	51.0	59	100.0	49	100.0
Todd	39	43.3	42	59.2	90	100.0	71	100.0
Traverse	14	46.7	8	40.0	30	100.0	20	100.0
Wabasha	35	46.7	42	57.5	75	100.0	73	100.0
Wadena	21	33.9	24	52.2	62	100.0	46	100.0
Waseca	33	50.0	29	48.3	66	100.0	60	100.0
Washington	190	55.4	153	48.1	343	100.0	318	100.0
Watonwan	20	41.7	20	46.5	48	100.0	43	100.0
Wilkin	9	40.9	13	56.5	22	100.0	23	100.0
Winona	67	44.4	76	51.4	151	100.0	148	100.0
Wright	84	45.4	69	46.6	185	100.0	148	100.0
Yellow Medicine	16	30.8	16	35.6	52	100.0	45	100.0

Source: Minnesota Department of Health, Minnesota Cancer Surveillance System

**Includes number of deaths for the years 1995, 1996 and 1997.

*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)

Section D: Morbidity and Utilization

Tables

Table 1: Number of Cases of Vaccine Preventable Disease

Table 2: Number of Cases of Sexually Transmitted Diseases

Table 3: Number of Cases of Other Reportable Diseases

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Tables 11 and 12: Minnesota Behavioral Risk Factors of Adults

Morbidity Table 1: Number of Cases of Vaccine Preventable Disease Morbidity in Minnesota By State and County, 1999

	Measles	Mumps	Pertussis	Hepatitis A	Hepatitis B
State of Minnesota	1	1	281	128	80
Aitkin	0	0	0	0	0
Anoka	0	0	22	7	7
Becker	0	0	0	1	1
Beltrami	0	1	0	0	0
Benton	0	0	1	1	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	1
Carver	0	0	7	0	0
Cass	0	0	0	0	2
Chippewa	0	0	0	0	0
Chisago	0	0	0	1	2
Clay	0	0	0	0	2
Clearwater	0	0	0	0	0
Cook	0	0	0	0	0
Cottonwood	0	0	0	0	0
Crow Wing	0	0	0	0	0
Dakota	0	0	43	2	4
Dodge	0	0	1	0	0
Douglas	0	0	0	0	0
Faribault	0	0	0	0	0
Fillmore	0	0	0	0	0
Freeborn	0	0	1	0	0
Goodhue	0	0	0	0	1
Grant	0	0	0	0	0
Hennepin	1	0	69	74	27
Houston	0	0	2	0	0
Hubbard	0	0	0	0	0
Isanti	0	0	3	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	1	0	0
Lake	0	0	0	0	0
Lake of the Woods	0	0	0	0	0
Le Sueur	0	0	4	4	0
Lincoln	0	0	0	0	0
Lyon	0	0	0	1	0
McLeod	0	0	0	0	0
Mahnomen	0	0	0	0	0
Marshall	0	0	0	0	0
Martin	0	0	0	1	0
Meeker	0	0	11	0	0
Mille Lacs	0	0	0	0	0
Morrison	0	0	0	0	0
Mower	0	0	2	0	0
Murray	0	0	0	0	0
Nicollet	0	0	0	0	0

Morbidity Table 1: Number of Cases of Vaccine Preventable Disease Morbidity in Minnesota By State and County, 1999

	Measles	Mumps	Pertussis	Hepatitis A	Hepatitis B
State of Minnesota	1	1	281	128	80
Nobles	0	0	0	0	0
Norman	0	0	0	0	0
Olmsted	0	0	1	2	3
Otter Tail	0	0	0	0	2
Pennington	0	0	0	0	0
Pine	0	0	1	0	0
Pipestone	0	0	0	0	0
Polk	0	0	0	0	0
Pope	0	0	0	0	0
Ramsey	0	0	21	15	18
Red Lake	0	0	0	0	0
Redwood	0	0	0	3	0
Renville	0	0	1	0	0
Rice	0	0	0	1	0
Rock	0	0	0	1	0
Roseau	0	0	0	0	0
St. Louis	0	0	5	0	6
Scott	0	0	51	2	1
Sherburne	0	0	4	0	0
Sibley	0	0	0	0	0
Stearns	0	0	1	1	0
Steele	0	0	0	1	0
Stevens	0	0	0	0	0
Swift	0	0	0	0	0
Todd	0	0	0	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	8	5	1
Watonwan	0	0	0	0	0
Wilkin	0	0	0	1	0
Winona	0	0	1	0	1
Wright	0	0	8	0	1
Yellow Medicine	0	0	0	1	0

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

Note: There were no cases of diphtheria or polio in Minnesota in 1999. There was one case of tetanus and 5 of rubella in Minnesota in 1999.

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

Morbidity Table 2: Number of Cases of Sexually Transmitted Diseases Reported in Minnesota By State and County, 1999

	Chlamydia ¹	Gonorrhea ¹	Syphilis - All Stages ²	AIDS ³	HIV
State of Minnesota	7,450	2,830	72	179	221
Aitkin	9	0	0	0	0
Anoka	222	42	0	4	2
Becker	28	2	0	0	0
Beltrami	93	10	0	0	0
Benton	38	11	0	0	0
Big Stone	0	0	0	0	0
Blue Earth	49	7	0	0	0
Brown	10	2	0	0	0
Carlton	34	4	1	0	0
Carver	19	6	1	1	1
Cass	48	8	0	0	0
Chippewa	1	0	0	0	0
Chisago	18	4	0	0	1
Clay	40	11	0	0	0
Clearwater	6	0	0	0	0
Cook	0	0	0	0	0
Cottonwood	2	0	0	0	0
Crow Wing	53	3	0	0	0
Dakota	276	63	3	9	9
Dodge	26	2	0	0	0
Douglas	7	0	0	0	0
Faribault	10	1	0	1	0
Fillmore	13	1	0	0	1
Freeborn	30	3	0	0	0
Goodhue	31	1	0	0	1
Grant	2	0	0	0	0
Hennepin	3,374	1,822	34	111	123
Houston	16	5	0	0	0
Hubbard	7	1	0	0	0
Isanti	17	2	0	0	0
Itasca	28	2	0	1	1
Jackson	2	0	0	0	0
Kanabec	8	0	0	0	0
Kandiyohi	43	1	0	0	0
Kittson	1	0	0	0	0
Koochiching	4	0	0	0	0
Lac Qui Parle	2	0	0	0	0
Lake	2	1	0	0	0
Lake of the Woods	2	1	0	0	0
Le Sueur	6	3	0	0	0
Lincoln	0	0	0	0	1
Lyon	9	2	0	0	1
McLeod	4	2	0	0	0
Mahnomen	14	0	0	0	0
Marshall	3	0	0	0	0
Martin	7	1	0	0	0
Meeker	3	1	0	0	0
Mille Lacs	9	1	0	1	0
Morrison	17	0	0	0	0
Mower	53	2	1	0	1
Murray	3	0	0	0	0
Nicollet	4	0	0	1	1

Morbidity Table 2: Number of Cases of Sexually Transmitted Diseases Reported in Minnesota By State and County, 1999

	Chlamydia ¹	Gonorrhea ¹	Syphilis - All Stages ²	AIDS ³	HIV
State of Minnesota	7,450	2,830	72	179	221
Nobles	25	8	0	0	1
Norman	2	0	0	0	0
Olmsted	167	15	1	2	0
Otter Tail	25	1	0	0	0
Pennington	22	0	0	0	0
Pine	18	4	1	1	0
Pipestone	1	0	0	0	0
Polk	35	2	0	0	1
Pope	4	0	0	0	0
Ramsey	1,527	592	9	32	42
Red Lake	2	0	0	0	0
Redwood	3	0	0	0	0
Renville	8	0	0	0	0
Rice	39	5	3	1	1
Rock	1	0	0	0	0
Roseau	12	1	0	0	0
St. Louis	252	46	1	0	9
Scott	55	17	2	2	1
Sherburne	26	3	0	3	0
Sibley	3	0	0	0	0
Stearns	233	48	7	1	0
Steele	26	6	0	1	1
Stevens	3	3	1	0	0
Swift	7	0	1	0	0
Todd	9	1	0	0	0
Traverse	0	0	0	0	0
Wabasha	15	1	1	1	0
Wadena	1	2	0	0	0
Waseca	6	0	0	0	0
Washington	136	25	4	5	6
Watonwan	2	0	1	0	2
Wilkin	3	0	0	0	0
Winona	49	17	0	0	0
Wright	25	4	0	0	1
Yellow Medicine	5	1	0	0	0

Source: Minnesota Department of Health, Acute Disease Epidemiology

¹ Data exclude cases diagnosed in federal or private correctional facilities;

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

³ AIDS cases may include previously reported HIV(non-AIDS) cases which have progressed to AIDS as of 12/31/99

HIV Surveillance Reports, MDH www.health.state.mn.us/divs/idepc/diseases/hiv/hivstatistics.html

STD Surveillance Reports, MDH: www.health.state.mn.us/divs/idepc/dtopics/stds/stdstatistics.html

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

Morbidity Table 3: Number of Cases of Other Selected Diseases Reported in Minnesota By State and County, 1999

	Campylobacteriosis	Giardiasis	Lyme Disease ¹	Rabies in Animals	Salmonellosis	Shigellosis	Tuberculosis
State of Minnesota	787	1,551	283	120	674	254	201
Aitkin	0	3	14	0	0	0	0
Anoka	24	56	35	2	35	6	12
Becker	5	8	0	0	2	0	0
Beltrami	6	1	1	0	4	0	1
Benton	10	17	3	5	13	0	0
Big Stone	0	0	0	0	0	0	0
Blue Earth	14	5	1	0	4	0	1
Brown	3	2	0	4	2	0	0
Carlton	5	5	0	0	2	0	0
Carver	10	15	1	0	7	4	1
Cass	4	6	6	0	2	0	0
Chippewa	2	4	0	2	3	0	0
Chisago	3	5	5	0	2	1	0
Clay	5	5	0	0	4	0	1
Clearwater	1	0	0	0	3	0	0
Cook	1	1	0	0	0	0	0
Cottonwood	3	0	0	5	3	0	0
Crow Wing	6	22	29	1	7	1	0
Dakota	43	68	14	1	33	17	6
Dodge	5	7	1	0	2	0	0
Douglas	12	43	0	2	44	1	0
Faribault	3	0	0	0	0	0	1
Fillmore	7	9	0	3	1	0	0
Freeborn	8	5	0	1	5	0	1
Goodhue	7	12	1	4	3	0	1
Grant	2	2	0	5	2	0	0
Hennepin	191	452	39	4	170	161	114
Houston	5	6	4	0	3	0	1
Hubbard	0	0	0	0	0	0	0
Isanti	3	4	4	0	1	0	0
Itasca	4	0	3	0	4	0	1
Jackson	1	1	0	1	0	0	0
Kanabec	1	2	13	0	1	0	0
Kandiyohi	11	13	0	2	9	0	2
Kittson	0	1	0	0	2	0	0
Koochiching	1	3	0	0	3	1	0
Lac Qui Parle	1	1	0	6	1	0	0
Lake	0	0	0	0	1	0	0
Lake of the Woods	0	0	0	0	1	0	0
Le Sueur	4	4	0	0	2	0	0
Lincoln	1	0	0	3	0	0	0
Lyon	1	3	0	0	5	0	0
McLeod	8	0	2	1	5	0	0
Mahnomen	0	1	0	0	1	1	0
Marshall	0	2	0	1	0	0	1
Martin	1	5	0	3	3	0	0
Meeker	7	1	0	1	2	0	0
Mille Lacs	2	1	9	3	3	0	0
Morrison	9	2	3	4	4	0	0
Mower	7	5	0	2	2	1	4
Murray	4	1	0	1	2	1	0

Morbidity Table 3: Number of Cases of Other Selected Diseases Reported in Minnesota By State and County, 1999

	Campylobacteriosis	Giardiasis	Lyme Disease ¹	Rabies in Animals	Salmonellosis	Shigellosis	Tuberculosis
State of Minnesota	787	1,551	283	120	674	254	201
Nicollet	4	2	1	0	1	0	0
Nobles	2	1	0	7	6	1	0
Norman	0	0	0	1	0	0	0
Olmsted	34	35	4	2	21	2	19
Otter Tail	7	2	1	0	6	0	0
Pennington	2	2	0	0	1	0	0
Pine	3	4	8	0	1	0	1
Pipestone	0	0	0	5	0	0	0
Polk	0	3	0	0	1	0	0
Pope	6	5	0	3	3	0	0
Ramsey	83	102	35	1	64	31	25
Red Lake	0	0	0	0	0	0	0
Redwood	2	0	0	0	2	0	0
Renville	2	0	0	0	3	0	0
Rice	13	4	0	1	5	4	2
Rock	0	2	0	4	1	0	0
Roseau	1	2	0	1	0	0	0
St. Louis	22	26	5	1	20	1	1
Scott	13	10	6	0	12	11	0
Sherburne	6	7	4	0	6	0	0
Sibley	3	0	0	1	2	0	0
Stearns	21	29	2	6	22	3	0
Steele	4	0	0	1	3	0	3
Stevens	1	2	0	2	2	0	0
Swift	4	14	0	1	2	0	0
Todd	7	8	0	6	2	0	1
Traverse	0	0	0	0	1	0	0
Wabasha	5	2	0	3	6	0	0
Wadena	0	0	0	0	2	0	0
Waseca	1	0	0	0	4	0	0
Washington	34	19	21	1	25	5	0
Watonwan	4	1	0	1	1	0	0
Wilkin	0	0	0	1	0	0	0
Winona	21	25	5	0	14	0	0
Wright	26	6	3	2	10	1	1
Yellow Medicine	1	1	0	2	14	0	0

Source: Minnesota Department of Health, Acute Disease Epidemiology

¹Lyme disease is caused by bites from blacklegged ticks (deer ticks), which are found in wooded areas of north-central, eastern, and southeastern Minnesota and western Wisconsin. Most Minnesotans with Lyme disease lived or traveled to these areas. County of residence does not always indicate county of tick exposure.

For more information on tick- and mosquito-borne diseases, please refer to the MDH Vector-borne Diseases webpage (<http://www.health.state.mn.us/divs/idepc/dtopics/vectorborne/index.html>) or call 651-201-5414.

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

**Morbidity Table 4: Motor Vehicle Injuries by Severity in Minnesota
By State and County, 1999**

	Injury Severity			Total
	Severe	Moderate	Minor	
State of Minnesota	3,460	16,002	25,076	44,538
Aitkin	10	67	62	139
Anoka	243	1,090	1,320	2,653
Becker	28	94	87	209
Beltrami	34	165	155	354
Benton	29	99	183	311
Big Stone	11	10	19	40
Blue Earth	47	184	263	494
Brown	14	88	108	210
Carlton	18	98	106	222
Carver	27	192	260	479
Cass	32	131	147	310
Chippewa	9	45	45	99
Chisago	22	166	201	389
Clay	18	141	200	359
Clearwater	5	23	31	59
Cook	5	33	16	54
Cottonwood	7	46	46	99
Crow Wing	40	224	352	616
Dakota	201	804	1,552	2,557
Dodge	17	31	70	118
Douglas	33	140	143	316
Faribault	6	32	57	95
Fillmore	23	60	70	153
Freeborn	32	113	208	353
Goodhue	45	210	190	445
Grant	7	26	9	42
Hennepin	702	3,727	7,707	12,136
Houston	14	56	80	150
Hubbard	21	72	80	173
Isanti	29	98	166	293
Itasca	27	171	209	407
Jackson	17	41	31	89
Kanabec	15	54	76	145
Kandiyohi	66	167	232	465
Kittson	1	8	9	18
Koochiching	3	36	66	105
Lac Qui Parle	9	19	18	46
Lake	7	52	39	98
Lake of the Woods	0	6	17	23
Le Sueur	28	75	95	198
Lincoln	2	11	18	31
Lyon	25	82	135	242
McLeod	27	120	184	331
Mahnomen	12	21	24	57
Marshall	4	18	17	39
Martin	15	51	70	136
Meeker	16	83	79	178
Mille Lacs	17	89	135	241
Morrison	25	108	117	250
Mower	26	63	141	230
Murray	5	19	21	45

**Morbidity Table 4: Motor Vehicle Injuries by Severity in Minnesota
By State and County, 1999**

	Injury Severity			
	Severe	Moderate	Minor	Total
State of Minnesota	3,460	16,002	25,076	44,538
Nicollet	11	71	109	191
Nobles	21	65	103	189
Norman	3	31	8	42
Olmsted	85	441	695	1,221
Otter Tail	57	200	170	427
Pennington	4	46	78	128
Pine	18	117	139	274
Pipestone	19	28	30	77
Polk	36	79	118	233
Pope	10	43	28	81
Ramsey	306	1,671	3,335	5,312
Red Lake	0	18	8	26
Redwood	17	53	53	123
Renville	18	68	64	150
Rice	64	170	258	492
Rock	9	34	58	101
Roseau	13	31	32	76
St. Louis	115	682	779	1,576
Scott	44	268	363	675
Sherburne	32	219	277	528
Sibley	11	45	57	113
Stearns	139	576	766	1,481
Steele	36	87	117	240
Stevens	9	26	23	58
Swift	11	22	28	61
Todd	27	89	65	181
Traverse	1	9	6	16
Wabasha	18	90	70	178
Wadena	16	58	42	116
Waseca	19	48	67	134
Washington	96	430	758	1,284
Watonwan	5	35	42	82
Wilkin	2	19	39	60
Winona	64	180	204	448
Wright	40	346	400	786
Yellow Medicine	8	48	21	77

Sources: Minnesota Department of Public Safety

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

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

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

**Morbidity Table 5: Seatbelt Use by Vehicle Occupant Killed or Injured in Minnesota
By State and County, 1999**

	Seatbelt Use						Total Killed or Injured
	Used		Not Used		Unknown		
	Number	Percent	Number	Percent	Number	Percent	
State of Minnesota	26,607	65.3	7,651	18.8	6,481	15.9	40,739
Aitkin	86	63.2	37	27.2	13	9.6	136
Anoka	1,769	72.3	369	15.1	309	12.6	2,447
Becker	103	52.6	61	31.1	32	16.3	196
Beltrami	148	42.7	90	25.9	109	31.4	347
Benton	189	63.0	60	20.0	51	17.0	300
Big Stone	10	27.0	18	48.6	9	24.3	37
Blue Earth	275	60.2	91	19.9	91	19.9	457
Brown	116	62.0	54	28.9	17	9.1	187
Carlton	143	66.5	36	16.7	36	16.7	215
Carver	303	65.9	99	21.5	58	12.6	460
Cass	130	44.8	92	31.7	68	23.4	290
Chippewa	61	62.2	23	23.5	14	14.3	98
Chisago	230	62.0	75	20.2	66	17.8	371
Clay	212	61.1	85	24.5	50	14.4	347
Clearwater	31	50.8	18	29.5	12	19.7	61
Cook	34	64.2	9	17.0	10	18.9	53
Cottonwood	49	49.0	34	34.0	17	17.0	100
Crow Wing	341	60.2	106	18.7	119	21.0	566
Dakota	1,607	68.5	335	14.3	404	17.2	2,346
Dodge	60	50.4	35	29.4	24	20.2	119
Douglas	180	60.0	97	32.3	23	7.7	300
Faribault	50	56.8	30	34.1	8	9.1	88
Fillmore	80	55.9	33	23.1	30	21.0	143
Freeborn	196	60.7	75	23.2	52	16.1	323
Goodhue	258	63.1	89	21.8	62	15.2	409
Grant	21	53.8	16	41.0	2	5.1	39
Hennepin	7,519	70.6	1,317	12.4	1,809	17.0	10,645
Houston	76	55.9	40	29.4	20	14.7	136
Hubbard	98	58.0	49	29.0	22	13.0	169
Isanti	144	52.6	85	31.0	45	16.4	274
Itasca	212	54.1	118	30.1	62	15.8	392
Jackson	41	46.1	23	25.8	25	28.1	89
Kanabec	63	44.1	58	40.6	22	15.4	143
Kandiyohi	266	59.5	109	24.4	72	16.1	447
Kittson	8	42.1	2	10.5	9	47.4	19
Koochiching	61	60.4	21	20.8	19	18.8	101
Lac Qui Parle	18	38.3	22	46.8	7	14.9	47
Lake	61	64.9	25	26.6	8	8.5	94
Lake of the Woods	8	30.8	11	42.3	7	26.9	26
Le Sueur	112	60.5	45	24.3	28	15.1	185
Lincoln	19	55.9	12	35.3	3	8.8	34
Lyon	146	64.9	39	17.3	40	17.8	225
McLeod	173	55.3	100	31.9	40	12.8	313
Mahnomen	14	25.9	32	59.3	8	14.8	54
Marshall	12	31.6	23	60.5	3	7.9	38
Martin	78	66.1	29	24.6	11	9.3	118
Meeker	108	65.1	47	28.3	11	6.6	166
Mille Lacs	132	59.5	68	30.6	22	9.9	222
Morrison	131	53.5	98	40.0	16	6.5	245
Mower	119	54.8	60	27.6	38	17.5	217

**Morbidity Table 5: Seatbelt Use by Vehicle Occupant Killed or Injured in Minnesota
By State and County, 1999**

	Seatbelt Use						Total Killed or Injured
	Used		Not Used		Unknown		
	Number	Percent	Number	Percent	Number	Percent	
State of Minnesota	26,607	65.3	7,651	18.8	6,481	15.9	40,739
Murray	11	26.2	15	35.7	16	38.1	42
Nicollet	119	68.0	30	17.1	26	14.9	175
Nobles	98	53.8	52	28.6	32	17.6	182
Norman	19	45.2	19	45.2	4	9.5	42
Olmsted	778	68.1	237	20.7	128	11.2	1,143
Otter Tail	220	53.0	129	31.1	66	15.9	415
Pennington	68	56.7	39	32.5	13	10.8	120
Pine	161	61.7	52	19.9	48	18.4	261
Pipestone	30	40.5	34	45.9	10	13.5	74
Polk	111	49.8	78	35.0	34	15.2	223
Pope	21	26.6	26	32.9	32	40.5	79
Ramsey	3,255	69.6	582	12.4	843	18.0	4,680
Red Lake	11	37.9	13	44.8	5	17.2	29
Redwood	68	58.1	28	23.9	21	17.9	117
Renville	81	57.0	40	28.2	21	14.8	142
Rice	301	64.6	101	21.7	64	13.7	466
Rock	45	45.9	43	43.9	10	10.2	98
Roseau	21	29.6	33	46.5	17	23.9	71
St. Louis	990	67.3	293	19.9	187	12.7	1,470
Scott	432	67.2	113	17.6	98	15.2	643
Sherburne	338	69.3	94	19.3	56	11.5	488
Sibley	62	58.5	33	31.1	11	10.4	106
Stearns	924	66.8	277	20.0	183	13.2	1,384
Steele	125	55.3	58	25.7	43	19.0	226
Stevens	24	42.1	21	36.8	12	21.1	57
Swift	29	52.7	22	40.0	4	7.3	55
Todd	88	51.5	54	31.6	29	17.0	171
Traverse	4	30.8	7	53.8	2	15.4	13
Wabasha	103	59.5	48	27.7	22	12.7	173
Wadena	55	49.5	31	27.9	25	22.5	111
Waseca	63	50.8	36	29.0	25	20.2	124
Washington	883	75.7	161	13.8	123	10.5	1,167
Watonwan	29	39.7	31	42.5	13	17.8	73
Wilkin	35	57.4	20	32.8	6	9.8	61
Winona	198	50.4	82	20.9	113	28.8	393
Wright	463	61.5	195	25.9	95	12.6	753
Yellow Medicine	43	55.1	24	30.8	11	14.1	78

Sources: Minnesota Department of Public Safety

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

Morbidity Table 6: Number of Cases of Cancer Diagnosed by Major Site and Sex in Minnesota by State and County, 1995-1997**

	Breast				Colon and Rectum			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	62	0.2	9,509	32.4	3,571	11.4	3,602	12.3
Aitkin	1	0.6	42	31.1	20	11.7	20	14.8
Anoka	1	0.1	395	32.0	127	9.3	128	10.4
Becker	1	0.4	69	33.2	29	11.5	25	12.0
Beltrami	0	0.0	50	25.1	24	10.8	31	15.6
Benton	1	0.5	46	31.1	22	11.7	27	18.2
Big Stone	0	0.0	24	45.3	14	16.3	10	18.9
Blue Earth	1	0.3	100	32.3	40	12.3	52	16.8
Brown	0	0.0	53	27.2	34	15.1	25	12.8
Carlton	1	0.4	68	30.2	34	12.7	32	14.2
Carver	0	0.0	82	32.4	43	14.2	29	11.5
Cass	0	0.0	71	33.2	26	10.4	34	15.9
Chippewa	0	0.0	31	27.2	20	15.3	13	11.4
Chisago	1	0.4	73	33.2	31	11.9	25	11.4
Clay	1	0.3	91	29.8	48	13.5	43	14.1
Clearwater	0	0.0	18	32.7	11	10.5	11	20.0
Cook	0	0.0	6	23.1	5	10.9	4	15.4
Cottonwood	1	0.7	39	33.3	20	14.7	17	14.5
Crow Wing	1	0.2	122	34.5	46	10.5	33	9.3
Dakota	2	0.1	544	34.6	171	11.6	157	10.0
Dodge	0	0.0	29	31.2	13	10.7	10	10.8
Douglas	1	0.3	62	30.2	37	12.8	26	12.7
Faribault	0	0.0	34	21.9	22	12.3	24	15.5
Fillmore	0	0.0	41	28.9	25	12.3	21	14.8
Freeborn	0	0.0	64	30.0	27	9.1	37	17.4
Goodhue	0	0.0	97	32.7	26	8.4	36	12.1
Grant	0	0.0	22	32.4	9	11.5	13	19.1
Hennepin	16	0.2	2,325	33.3	686	10.2	708	10.1
Houston	1	0.7	38	28.8	17	11.1	22	16.7
Hubbard	1	0.5	41	28.7	15	8.1	17	11.9
Isanti	0	0.0	56	35.7	14	8.6	17	10.8
Itasca	0	0.0	104	30.6	50	14.1	53	15.6
Jackson	0	0.0	17	27.0	15	18.3	7	11.1
Kanabec	0	0.0	22	29.3	11	12.1	8	10.7
Kandiyohi	0	0.0	101	35.3	34	11.6	32	11.2
Kittson	0	0.0	13	31.0	6	11.5	9	21.4
Koochiching	0	0.0	35	29.4	17	13.2	10	8.4
Lac Qui Parle	0	0.0	24	33.8	9	10.2	9	12.7
Lake	1	1.0	33	34.7	10	9.5	14	14.7
Lake of the Woods	0	0.0	8	24.2	5	15.2	5	15.2
Le Sueur	0	0.0	49	30.6	17	9.8	24	15.0
Lincoln	0	0.0	10	18.5	11	15.7	16	29.6
Lyon	0	0.0	45	29.2	17	9.9	25	16.2
McLeod	0	0.0	78	35.8	25	9.8	24	11.0
Mahnomen	0	0.0	8	21.6	14	20.0	4	10.8
Marshall	0	0.0	27	32.1	13	13.1	18	21.4
Martin	0	0.0	62	30.8	24	10.6	37	18.4
Meeker	0	0.0	46	33.1	21	12.4	24	17.3
Mille Lacs	0	0.0	42	21.8	13	6.8	28	14.5
Morrison	0	0.0	58	26.9	38	13.7	29	13.4
Mower	0	0.0	84	25.0	71	17.3	72	21.4

Morbidity Table 6: Number of Cases of Cancer Diagnosed by Major Site and Sex in Minnesota by State and County, 1995-1997**

	Breast				Colon and Rectum			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	62	0.2	9,509	32.4	3,571	11.4	3,602	12.3
Murray	0	0.0	21	28.0	8	9.1	11	14.7
Nicollet	1	0.6	46	33.3	17	10.3	16	11.6
Nobles	0	0.0	50	35.2	20	12.2	23	16.2
Norman	0	0.0	16	24.6	10	12.0	9	13.8
Olmsted	3	0.4	258	35.9	83	9.8	81	11.3
Otter Tail	3	0.6	145	31.0	69	13.6	72	15.4
Pennington	1	1.0	41	41.0	15	14.6	14	14.0
Pine	1	0.4	45	28.0	20	8.7	25	15.5
Pipestone	0	0.0	36	47.4	10	10.4	3	3.9
Polk	0	0.0	80	32.4	33	11.7	38	15.4
Pope	0	0.0	29	28.4	18	16.1	19	18.6
Ramsey	11	0.4	1,108	33.3	296	9.9	392	11.8
Red Lake	0	0.0	8	30.8	6	16.2	4	15.4
Redwood	0	0.0	39	28.7	27	15.3	23	16.9
Renville	0	0.0	36	29.5	18	10.9	20	16.4
Rice	0	0.0	104	35.9	40	12.3	36	12.4
Rock	1	1.3	37	41.6	10	13.3	7	7.9
Roseau	0	0.0	24	32.4	12	12.8	18	24.3
St Louis	1	0.1	458	30.3	236	14.0	188	12.4
Scott	0	0.0	81	29.8	44	13.1	29	10.7
Sherburne	0	0.0	81	31.9	38	12.5	31	12.2
Sibley	0	0.0	45	36.6	16	12.3	22	17.9
Stearns	1	0.1	222	35.6	93	12.4	55	8.8
Steele	0	0.0	73	35.3	27	11.6	29	14.0
Stevens	0	0.0	17	24.3	12	15.6	12	17.1
Swift	1	0.7	27	25.0	19	14.0	17	15.7
Todd	0	0.0	38	26.0	21	14.1	18	12.3
Traverse	0	0.0	16	36.4	6	11.1	6	13.6
Wabasha	1	0.7	42	28.8	14	9.2	21	14.4
Wadena	1	0.7	41	34.2	20	13.9	19	15.8
Waseca	0	0.0	46	36.8	17	11.4	14	11.2
Washington	4	0.5	314	37.0	81	9.7	76	9.0
Watonwan	0	0.0	27	27.3	12	12.2	28	28.3
Wilkin	0	0.0	18	32.7	8	16.0	11	20.0
Winona	0	0.0	102	31.6	48	13.8	45	13.9
Wright	0	0.0	108	30.2	51	11.3	49	13.7
Yellow Medicine	0	0.0	31	27.9	19	17.0	25	22.5

Source: Minnesota Department of Health, Minnesota Cancer Surveillance System

**Includes number of cases diagnosed for the years 1995, 1996 and 1997.

*Percent = # specific cancer cases diagnosed in males for county (or state) / total cancer cases diagnosed in males for county (or state)

^Percent = # specific cancer cases diagnosed in females for county (or state) / total cancer cases diagnosed in females for county (or state)

Morbidity Table 7: Number of Cases of Cancer Diagnosed by Major Site and Sex in Minnesota by State and County, 1995-1997**

	Lung				Prostate			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	4,313	13.7	3,061	10.4	9,926	31.6	0	0.0
Aitkin	29	17.0	12	8.9	64	37.4	0	0.0
Anoka	190	14.0	143	11.6	443	32.6	0	0.0
Becker	38	15.1	31	14.9	82	32.5	0	0.0
Beltrami	41	18.4	25	12.6	78	35.0	0	0.0
Benton	32	17.0	14	9.5	56	29.8	0	0.0
Big Stone	13	15.1	0	0.0	18	20.9	0	0.0
Blue Earth	42	12.9	22	7.1	99	30.5	0	0.0
Brown	24	10.7	20	10.3	76	33.8	0	0.0
Carlton	29	10.9	32	14.2	85	31.8	0	0.0
Carver	27	8.9	20	7.9	95	31.4	0	0.0
Cass	49	19.6	29	13.6	76	30.4	0	0.0
Chippewa	19	14.5	7	6.1	35	26.7	0	0.0
Chisago	43	16.5	28	12.7	72	27.6	0	0.0
Clay	50	14.0	22	7.2	126	35.4	0	0.0
Clearwater	14	13.3	5	9.1	43	41.0	0	0.0
Cook	4	8.7	4	15.4	19	41.3	0	0.0
Cottonwood	17	12.5	8	6.8	51	37.5	0	0.0
Crow Wing	74	16.8	48	13.6	145	33.0	0	0.0
Dakota	168	11.4	170	10.8	400	27.0	0	0.0
Dodge	20	16.4	3	3.2	42	34.4	0	0.0
Douglas	35	12.2	22	10.7	97	33.7	0	0.0
Faribault	21	11.7	16	10.3	72	40.2	0	0.0
Fillmore	28	13.8	14	9.9	69	34.0	0	0.0
Freeborn	49	16.6	23	10.8	92	31.1	0	0.0
Goodhue	43	13.8	26	8.8	100	32.2	0	0.0
Grant	5	6.4	3	4.4	33	42.3	0	0.0
Hennepin	899	13.3	784	11.2	2,150	31.8	0	0.0
Houston	28	18.3	11	8.3	39	25.5	0	0.0
Hubbard	34	18.4	18	12.6	64	34.6	0	0.0
Isanti	20	12.3	17	10.8	56	34.6	0	0.0
Itasca	57	16.1	38	11.2	99	27.9	0	0.0
Jackson	12	14.6	7	11.1	21	25.6	0	0.0
Kanabec	15	16.5	5	6.7	34	37.4	0	0.0
Kandiyohi	50	17.1	19	6.6	91	31.2	0	0.0
Kittson	5	9.6	4	9.5	14	26.9	0	0.0
Koochiching	13	10.1	18	15.1	41	31.8	0	0.0
Lac Qui Parle	10	11.4	7	9.9	31	35.2	0	0.0
Lake	19	18.1	8	8.4	25	23.8	0	0.0
Lake of the Woods	4	12.1	1	3.0	10	30.3	0	0.0
Le Sueur	25	14.5	12	7.5	55	31.8	0	0.0
Lincoln	7	10.0	5	9.3	24	34.3	0	0.0
Lyon	25	14.5	13	8.4	62	36.0	0	0.0
McLeod	26	10.2	15	6.9	95	37.1	0	0.0
Mahnomen	8	11.4	7	18.9	24	34.3	0	0.0
Marshall	14	14.1	8	9.5	29	29.3	0	0.0
Martin	24	10.6	17	8.5	99	43.6	0	0.0
Meeker	16	9.4	7	5.0	65	38.2	0	0.0
Mille Lacs	37	19.5	28	14.5	61	32.1	0	0.0
Morrison	39	14.1	35	16.2	75	27.1	0	0.0
Mower	50	12.2	33	9.8	138	33.7	0	0.0

Morbidity Table 7: Number of Cases of Cancer Diagnosed by Major Site and Sex in Minnesota by State and County, 1995-1997**

	Lung				Prostate			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	4,313	13.7	3,061	10.4	9,926	31.6	0	0.0
Murray	9	10.2	6	8.0	38	43.2	0	0.0
Nicollet	26	15.8	15	10.9	59	35.8	0	0.0
Nobles	16	9.8	7	4.9	63	38.4	0	0.0
Norman	10	12.0	5	7.7	35	42.2	0	0.0
Olmsted	108	12.7	66	9.2	260	30.6	0	0.0
Otter Tail	64	12.6	44	9.4	172	33.9	0	0.0
Pennington	18	17.5	8	8.0	33	32.0	0	0.0
Pine	44	19.1	16	9.9	75	32.6	0	0.0
Pipestone	12	12.5	2	2.6	35	36.5	0	0.0
Polk	48	17.0	21	8.5	76	27.0	0	0.0
Pope	15	13.4	9	8.8	36	32.1	0	0.0
Ramsey	454	15.2	348	10.5	887	29.7	0	0.0
Red Lake	4	10.8	4	15.4	6	16.2	0	0.0
Redwood	22	12.4	9	6.6	54	30.5	0	0.0
Renville	25	15.2	11	9.0	54	32.7	0	0.0
Rice	47	14.5	33	11.4	88	27.1	0	0.0
Rock	13	17.3	5	5.6	23	30.7	0	0.0
Roseau	11	11.7	4	5.4	25	26.6	0	0.0
St. Louis	254	15.0	188	12.4	478	28.3	0	0.0
Scott	37	11.0	25	9.2	103	30.7	0	0.0
Sherburne	32	10.5	17	6.7	107	35.2	0	0.0
Sibley	20	15.4	5	4.1	50	38.5	0	0.0
Stearns	97	12.9	63	10.1	215	28.6	0	0.0
Steele	23	9.9	20	9.7	86	36.9	0	0.0
Stevens	11	14.3	7	10.0	17	22.1	0	0.0
Swift	16	11.8	12	11.1	48	35.3	0	0.0
Todd	20	13.4	12	8.2	46	30.9	0	0.0
Traverse	9	16.7	5	11.4	18	33.3	0	0.0
Wabasha	19	12.5	14	9.6	49	32.2	0	0.0
Wadena	19	13.2	9	7.5	59	41.0	0	0.0
Waseca	15	10.1	17	13.6	56	37.6	0	0.0
Washington	104	12.5	89	10.5	258	30.9	0	0.0
Watonwan	20	20.4	10	10.1	33	33.7	0	0.0
Wilkin	11	22.0	4	7.3	13	26.0	0	0.0
Winona	39	11.2	34	10.5	118	33.9	0	0.0
Wright	64	14.1	43	12.0	149	32.9	0	0.0
Yellow Medicine	16	14.3	10	9.0	33	29.5	0	0.0

Source: Minnesota Department of Health, Minnesota Cancer Surveillance System

**Includes number of cases diagnosed for the years 1995, 1996 and 1997.

*Percent = # specific cancer cases diagnosed in males for county (or state) / total cancer cases diagnosed in males for county (or state)

^Percent = # specific cancer cases diagnosed in females for county (or state) / total cancer cases diagnosed in females for county (or state)

Morbidity Table 8: Number of Cases of Cancer Diagnosed by Major Site and Sex in Minnesota by State and County, 1995-1997**

	Other				Total			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	13,551	43.1	13,175	44.9	31,423	100.0	29,347	100.0
Aitkin	57	33.3	61	45.2	171	100.0	135	100.0
Anoka	599	44.0	568	46.0	1,360	100.0	1,234	100.0
Becker	102	40.5	83	39.9	252	100.0	208	100.0
Beltrami	80	35.9	93	46.7	223	100.0	199	100.0
Benton	77	41.0	61	41.2	188	100.0	148	100.0
Big Stone	41	47.7	19	35.8	86	100.0	53	100.0
Blue Earth	143	44.0	136	43.9	325	100.0	310	100.0
Brown	91	40.4	97	49.7	225	100.0	195	100.0
Carlton	118	44.2	93	41.3	267	100.0	225	100.0
Carver	138	45.5	122	48.2	303	100.0	253	100.0
Cass	99	39.6	80	37.4	250	100.0	214	100.0
Chippewa	57	43.5	63	55.3	131	100.0	114	100.0
Chisago	114	43.7	94	42.7	261	100.0	220	100.0
Clay	131	36.8	149	48.9	356	100.0	305	100.0
Clearwater	37	35.2	21	38.2	105	100.0	55	100.0
Cook	18	39.1	12	46.2	46	100.0	26	100.0
Cottonwood	47	34.6	53	45.3	136	100.0	117	100.0
Crow Wing	174	39.5	151	42.7	440	100.0	354	100.0
Dakota	739	49.9	702	44.6	1,480	100.0	1,573	100.0
Dodge	47	38.5	51	54.8	122	100.0	93	100.0
Douglas	118	41.0	95	46.3	288	100.0	205	100.0
Faribault	64	35.8	81	52.3	179	100.0	155	100.0
Fillmore	81	39.9	66	46.5	203	100.0	142	100.0
Freeborn	128	43.2	89	41.8	296	100.0	213	100.0
Goodhue	142	45.7	138	46.5	311	100.0	297	100.0
Grant	31	39.7	30	44.1	78	100.0	68	100.0
Hennepin	3,001	44.4	3,172	45.4	6,752	100.0	6,989	100.0
Houston	68	44.4	61	46.2	153	100.0	132	100.0
Hubbard	71	38.4	67	46.9	185	100.0	143	100.0
Isanti	72	44.4	67	42.7	162	100.0	157	100.0
Itasca	149	42.0	145	42.6	355	100.0	340	100.0
Jackson	34	41.5	32	50.8	82	100.0	63	100.0
Kanabec	31	34.1	40	53.3	91	100.0	75	100.0
Kandiyohi	117	40.1	134	46.9	292	100.0	286	100.0
Kittson	27	51.9	16	38.1	52	100.0	42	100.0
Koochiching	58	45.0	56	47.1	129	100.0	119	100.0
Lac Qui Parle	38	43.2	31	43.7	88	100.0	71	100.0
Lake	50	47.6	40	42.1	105	100.0	95	100.0
Lake of the Woods	14	42.4	19	57.6	33	100.0	33	100.0
Le Sueur	76	43.9	75	46.9	173	100.0	160	100.0
Lincoln	28	40.0	23	42.6	70	100.0	54	100.0
Lyon	68	39.5	71	46.1	172	100.0	154	100.0
McLeod	110	43.0	101	46.3	256	100.0	218	100.0
Mahnomen	24	34.3	18	48.6	70	100.0	37	100.0
Marshall	43	43.4	31	36.9	99	100.0	84	100.0
Martin	80	35.2	85	42.3	227	100.0	201	100.0
Meeker	68	40.0	62	44.6	170	100.0	139	100.0
Mille Lacs	79	41.6	95	49.2	190	100.0	193	100.0
Morrison	125	45.1	94	43.5	277	100.0	216	100.0
Mower	151	36.8	147	43.8	410	100.0	336	100.0

Morbidity Table 8: Number of Cases of Cancer Diagnosed by Major Site and Sex in Minnesota by State and County, 1995-1997**

	Other				Total			
	Men		Women		Men		Women	
	Number	Percent*	Number	Percent^	Number	Percent*	Number	Percent^
State of Minnesota	13,551	43.1	13,175	44.9	31,423	100.0	29,347	100.0
Murray	33	37.5	37	49.3	88	100.0	75	100.0
Nicollet	62	37.6	61	44.2	165	100.0	138	100.0
Nobles	65	39.6	62	43.7	164	100.0	142	100.0
Norman	28	33.7	35	53.8	83	100.0	65	100.0
Olmsted	397	46.7	313	43.6	851	100.0	718	100.0
Otter Tail	199	39.3	206	44.1	507	100.0	467	100.0
Pennington	36	35.0	37	37.0	103	100.0	100	100.0
Pine	90	39.1	75	46.6	230	100.0	161	100.0
Pipestone	39	40.6	35	46.1	96	100.0	76	100.0
Polk	125	44.3	108	43.7	282	100.0	247	100.0
Pope	43	38.4	45	44.1	112	100.0	102	100.0
Ramsey	1,338	44.8	1,475	44.4	2,986	100.0	3,323	100.0
Red Lake	21	56.8	10	38.5	37	100.0	26	100.0
Redwood	74	41.8	65	47.8	177	100.0	136	100.0
Renville	68	41.2	55	45.1	165	100.0	122	100.0
Rice	150	46.2	117	40.3	325	100.0	290	100.0
Rock	28	37.3	40	44.9	75	100.0	89	100.0
Roseau	46	48.9	28	37.8	94	100.0	74	100.0
St. Louis	721	42.7	677	44.8	1,690	100.0	1,511	100.0
Scott	152	45.2	137	50.4	336	100.0	272	100.0
Sherburne	127	41.8	125	49.2	304	100.0	254	100.0
Sibley	44	33.8	51	41.5	130	100.0	123	100.0
Stearns	345	45.9	283	45.4	751	100.0	623	100.0
Steele	97	41.6	85	41.1	233	100.0	207	100.0
Stevens	37	48.1	34	48.6	77	100.0	70	100.0
Swift	52	38.2	52	48.1	136	100.0	108	100.0
Todd	62	41.6	78	53.4	149	100.0	146	100.0
Traverse	21	38.9	17	38.6	54	100.0	44	100.0
Wabasha	69	45.4	69	47.3	152	100.0	146	100.0
Wadena	45	31.3	51	42.5	144	100.0	120	100.0
Waseca	61	40.9	48	38.4	149	100.0	125	100.0
Washington	387	46.4	369	43.5	834	100.0	848	100.0
Watonwan	33	33.7	34	34.3	98	100.0	99	100.0
Wilkin	18	36.0	22	40.0	50	100.0	55	100.0
Winona	143	41.1	142	44.0	348	100.0	323	100.0
Wright	189	41.7	158	44.1	453	100.0	358	100.0
Yellow Medicine	44	39.3	45	40.5	112	100.0	111	100.0

Source: Minnesota Department of Health, Minnesota Cancer Surveillance System

**Includes number of cases diagnosed for the years 1995, 1996 and 1997.

*Percent = # specific cancer cases diagnosed in males for county (or state) / total cancer cases diagnosed in males for county (or state)

^Percent = # specific cancer cases diagnosed in females for county (or state) / total cancer cases diagnosed in females for county (or state)

**Morbidity Table 9: Minnesota Nonfatal Hospitalized Traumatic Brain Injury
Number and Rate per 100,000 population by State and County, 1995-1998**

	1995		1996		1997		1998	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
State of Minnesota	3,226	68.7	3,209	66.0	2,957	60.2	2,984	60.9
Aitkin	18	*	16	*	8	*	10	*
Anoka	184	71.9	149	55.1	144	51.8	112	38.8
Becker	17	*	12	*	20	60.5	6	*
Beltrami	20	49.9	22	54.8	21	49.4	24	58.1
Benton	41	125.7	22	66.0	37	109.9	33	93.3
Big Stone	3	*	7	*	3	*	2	*
Blue Earth	34	56.9	39	68.8	28	48.3	32	57.2
Brown	35	140.5	14	*	14	*	14	*
Carlton	31	108.9	19	*	16	*	13	*
Carver	32	57.1	28	48.3	26	42.3	22	33.0
Cass	21	93.6	19	*	20	70.4	30	109.5
Chippewa	7	*	12	*	4	*	5	*
Chisago	34	104.6	23	67.8	10	*	27	68.7
Clay	2	*	3	*	5	*	5	*
Clearwater	5	*	7	*	7	*	7	*
Cook	5	*	1	*	3	*	2	*
Cottonwood	7	*	4	*	8	*	6	*
Crow Wing	56	125.1	34	55.9	36	72.9	46	75.8
Dakota	142	47.3	149	48.1	160	49.0	161	48.5
Dodge	13	*	12	*	19	*	14	*
Douglas	16	*	21	72.9	20	59.0	29	76.5
Faribault	16	*	14	*	9	*	11	*
Fillmore	26	135.6	15	*	10	*	16	*
Freeborn	23	65.3	25	79.4	21	65.8	15	*
Goodhue	34	79.4	21	55.9	38	83.6	32	75.8
Grant	3	*	1	*	1	*	0	*
Hennepin	811	71.8	812	70.1	718	63.0	585	52.0
Houston	1	*	0	*	1	*	0	*
Hubbard	2	*	1	*	3	*	4	*
Isanti	38	156.6	57	198.3	31	104.0	26	90.5
Itasca	26	69.7	16	*	21	51.2	21	54.3
Jackson	2	*	7	*	4	*	5	*
Kanabec	16	*	19	*	12	*	6	*
Kandiyohi	26	68.3	17	*	26	61.2	19	*
Kittson	2	*	3	*	3	*	0	*
Koochiching	18	*	5	*	10	*	8	*
Lac Qui Parle	4	*	5	*	2	*	10	*
Lake	8	*	6	*	7	*	1	*
Lake of the Woods	8	*	8	*	5	*	7	*
Le Sueur	15	*	21	85.8	15	*	14	*
Lincoln	1	*	1	*	1	*	2	*
Lyon	13	*	9	*	9	*	7	*
McLeod	23	75.4	20	61.9	23	65.7	21	64.9
Mahnomen	3	*	0	*	1	*	3	*
Marshall	3	*	1	*	1	*	0	*
Martin	9	*	11	*	20	73.4	17	*
Meeker	15	*	10	*	10	*	14	*
Mille Lacs	26	151.1	16	*	19	*	27	124.4
Morrison	29	86.9	32	82.7	14	*	18	*
Mower	25	68.3	16	*	19	*	28	72.4
Murray	5	*	2	*	1	*	14	*
Nicollet	12	*	7	*	13	*	7	*
Nobles	14	*	9	*	18	*	2	*

**Morbidity Table 9: Minnesota Nonfatal Hospitalized Traumatic Brain Injury
Number and Rate per 100,000 population by State and County, 1995-1998**

	1995		1996		1997		1998	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
State of Minnesota	3,226	68.7	3,209	66.0	2,957	60.2	2,984	60.9
Norman	1	*	4	*	4	*	4	*
Olmsted	89	77.9	78	68.5	81	71.3	96	81.1
Otter Tail	16	*	21	36.7	15	*	6	*
Pennington	7	*	2	*	5	*	0	*
Pine	28	123.9	17	*	18	*	15	*
Pipestone	7	*	0	*	2	*	3	*
Polk	5	*	7	*	8	*	7	*
Pope	6	*	1	*	4	*	0	*
Ramsey	416	80.7	454	86.2	384	76.0	345	66.7
Red Lake	3	*	2	*	3	*	2	*
Redwood	5	*	8	*	4	*	10	*
Renville	10	*	14	*	1	*	15	*
Rice	32	59.4	36	68.5	30	57.0	26	41.2
Rock	4	*	2	*	1	*	2	*
Roseau	7	*	8	*	15	*	9	*
St. Louis	153	75.9	169	78.1	133	61.0	122	59.4
Scott	29	43.1	33	49.0	44	59.1	48	62.4
Sherburne	32	62.3	37	66.1	29	48.6	29	49.6
Sibley	13	*	7	*	9	*	4	*
Stearns	119	91.7	126	95.2	113	84.7	117	87.2
Steele	16	*	25	84.7	19	*	22	67.7
Stevens	10	*	3	*	10	*	8	*
Swift	5	*	7	*	8	*	4	*
Todd	15	*	15	*	13	*	13	*
Traverse	2	*	5	*	2	*	1	*
Wabasha	22	113.1	15	*	16	*	23	106.6
Wadena	7	*	9	*	11	*	10	*
Waseca	10	*	13	*	17	*	28	178.0
Washington	84	53.6	107	65.3	96	51.9	93	48.3
Watsonwan	10	*	4	*	11	*	10	*
Wilkin	3	*	7	*	0	*	1	*
Winona	20	41.0	22	42.7	21	39.8	32	65.0
Wright	51	69.2	46	56.1	54	68.4	55	63.7
Yellow Medicine	3	*	3	*	4	*	7	*

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

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*Rate not calculated under 20 events

**Morbidity Table 10: Minnesota Nonfatal Hospitalized Spinal Cord Injury
Number and Annualized Rate per 100,000 population by State and County, 1995-1998**

	1995	1996	1997	1998	Annualized Rate 1995-1998
	Number	Number	Number	Number	
State of Minnesota	172	206	182	170	3.9
Aitkin	1	0	1	0	*
Anoka	8	11	9	4	2.8
Becker	0	0	0	1	*
Beltrami	1	3	1	2	*
Benton	0	1	3	0	*
Big Stone	0	0	0	0	*
Blue Earth	0	1	1	2	*
Brown	2	0	1	0	*
Carlton	1	0	2	1	*
Carver	2	3	1	0	*
Cass	0	1	3	0	*
Chippewa	0	1	1	0	*
Chisago	0	1	1	2	*
Clay	0	0	0	0	*
Clearwater	0	1	0	1	*
Cook	0	0	0	1	*
Cottonwood	0	1	0	1	*
Crow Wing	1	4	3	6	*
Dakota	4	10	6	10	2.3
Dodge	0	0	1	1	*
Douglas	2	1	3	0	*
Faribault	0	1	1	1	*
Fillmore	0	2	2	1	*
Freeborn	0	0	1	0	*
Goodhue	2	1	1	2	*
Grant	1	0	0	0	*
Hennepin	40	47	43	34	3.9
Houston	0	0	0	0	*
Hubbard	1	0	0	1	*
Isanti	1	1	0	1	*
Itasca	5	2	3	1	*
Jackson	1	0	0	0	*
Kanabec	0	0	0	0	*
Kandiyohi	8	1	3	1	*
Kittson	0	0	1	0	*
Koochiching	1	0	0	0	*
Lac Qui Parle	0	0	1	1	*
Lake	1	0	0	1	*
Lake of the Woods	0	0	0	0	*
Le Sueur	0	2	0	4	*
Lincoln	0	0	0	0	*
Lyon	1	0	0	2	*
McLeod	1	2	3	2	*
Mahnomen	0	1	0	0	*
Marshall	0	0	0	0	*
Martin	0	1	0	1	*
Meeker	3	1	1	3	*
Mille Lacs	2	1	1	2	*
Morrison	4	1	3	3	*
Mower	3	0	5	1	*
Murray	0	0	0	0	*
Nicollet	0	1	2	0	*
Nobles	0	1	1	0	*

**Morbidity Table 10: Minnesota Nonfatal Hospitalized Spinal Cord Injury
Number and Annualized Rate per 100,000 population by State and County, 1995-1998**

	1995	1996	1997	1998	Annualized Rate 1995-1998
	Number	Number	Number	Number	
State of Minnesota	172	206	182	170	3.9
Norman	0	0	1	0	*
Olmsted	4	6	1	0	*
Otter Tail	0	1	2	1	*
Pennington	0	0	0	0	*
Pine	0	1	1	0	*
Pipestone	0	0	0	0	*
Polk	1	0	0	0	*
Pope	0	1	2	1	*
Ramsey	18	24	12	17	3.7
Red Lake	0	0	0	0	*
Redwood	1	3	0	0	*
Renville	2	0	1	1	*
Rice	0	5	1	1	*
Rock	1	0	0	4	*
Roseau	0	0	0	0	*
St. Louis	10	10	11	11	5.4
Scott	3	2	2	3	*
Sherburne	3	3	2	3	*
Sibley	1	1	3	0	*
Stearns	5	7	8	3	4.5
Steele	1	3	1	0	*
Stevens	0	1	0	0	*
Swift	3	2	0	0	*
Todd	2	2	0	0	*
Traverse	0	0	0	0	*
Wabasha	0	1	1	2	*
Wadena	0	1	1	1	*
Waseca	0	0	0	0	*
Washington	8	5	2	5	2.7
Watonwan	0	0	1	0	*
Wilkin	0	0	0	0	*
Winona	1	1	1	0	*
Wright	4	6	1	3	*
Yellow Medicine	0	0	1	0	*

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

*Numbers are traumatic brain injury or spinal cord injury events, (vs. people or hospitalizations). Only Minnesota residents are included. 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 and gender adjusted to the US 1940 population.

Go to Page D-21 for Spinal Cord Injuries Case Report Definitions

*Rate not calculated under 20 events

Morbidity Tables 9 and 10: TBI and SCI Case Report Definitions

Cases of traumatic brain injury and 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:

Traumatic Brain Injury (TBI)

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
995.55 - shaken infant syndrome

Spinal Cord Injuries (SCI)

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 of an out-of-state hospital.

Out-of-state hospitals are requested to report cases who are Minnesota residents or who were injured in Minnesota.

Does 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 are submitted on the stand case report form or submitted via electronic media.

**Morbidity Table 11: Minnesota Behavioral Risk Factors^ of Adults -
County Synthetic Estimates and State Estimates, 1999**

	Estimated Percent of:						
	Seatbelt Non Use	Hyper- tension	Over- weight	Current Smokers	Acute Drinking	Chronic Drinking	Drinking and Driving
State of Minnesota	30.3	21.6	55.5	19.6	16.4	4.7	4.1
Aitkin	29.6	27.4	58.2	17.4	13.2	4.4	3.4
Anoka	30.4	19.9	54.8	20.2	17.1	4.8	4.2
Becker	30.0	24.2	56.6	18.7	15.0	4.6	3.8
Beltrami	30.9	21.0	53.9	20.1	17.1	4.9	4.2
Benton	30.7	20.3	53.8	20.2	17.4	4.9	4.3
Big Stone	29.5	27.9	57.6	17.3	13.1	4.3	3.4
Blue Earth	32.0	20.0	51.8	20.8	18.7	5.4	4.6
Brown	30.1	24.5	55.5	18.6	15.1	4.6	3.8
Carlton	30.3	23.5	56.5	19.1	15.6	4.7	4.0
Carver	30.3	19.7	54.9	20.2	17.2	4.7	4.3
Cass	29.8	25.4	57.5	18.2	14.3	4.5	3.7
Chippewa	29.7	25.9	56.9	18.0	14.0	4.4	3.6
Chisago	30.2	21.5	55.8	19.7	16.2	4.7	4.0
Clay	31.3	20.5	52.2	20.3	17.6	5.1	4.3
Clearwater	30.1	24.9	57.2	18.4	14.7	4.6	3.7
Cook	29.7	24.5	57.4	18.4	14.5	4.5	3.7
Cottonwood	29.7	27.1	57.4	17.6	13.6	4.4	3.5
Crow Wing	29.9	24.5	56.2	18.6	14.7	4.5	3.7
Dakota	30.3	19.0	54.3	20.4	17.3	4.7	4.3
Dodge	30.2	22.0	55.6	19.4	16.1	4.7	4.0
Douglas	30.2	24.8	56.4	18.6	14.9	4.6	3.8
Faribault	29.6	27.2	57.2	17.6	13.5	4.3	3.5
Fillmore	30.0	25.8	56.9	18.1	14.3	4.5	3.6
Freeborn	29.9	25.6	56.8	18.2	14.4	4.5	3.6
Goodhue	30.0	23.7	56.1	18.8	15.2	4.5	3.8
Grant	29.6	27.5	57.7	17.5	13.3	4.3	3.4
Hennepin	30.2	20.6	54.3	19.9	16.8	4.7	4.2
Houston	30.0	23.9	56.3	18.7	15.1	4.5	3.8
Hubbard	29.8	25.3	57.4	18.2	14.2	4.5	3.6
Isanti	30.2	21.4	55.8	19.7	16.2	4.7	4.0
Itasca	29.9	24.5	56.7	18.5	14.5	4.5	3.7
Jackson	29.9	25.7	56.9	18.1	14.4	4.5	3.7
Kanabec	30.1	23.4	56.5	19.0	15.4	4.6	3.9
Kandiyohi	30.3	22.9	55.4	19.2	15.8	4.7	4.0
Kittson	29.9	26.6	57.7	17.8	13.8	4.4	3.5
Koochiching	30.3	24.2	56.7	18.8	15.2	4.7	3.9
Lac Qui Parle	29.6	27.6	58.1	17.3	13.3	4.3	3.4
Lake	29.7	26.6	57.8	17.8	13.7	4.4	3.5
Lake of the Woods	30.0	24.1	57.1	18.7	15.1	4.6	3.8
Le Sueur	30.2	23.7	56.5	18.9	15.4	4.6	3.9
Lincoln	29.8	28.0	58.2	17.3	13.3	4.4	3.4
Lyon	30.6	23.0	54.6	19.3	16.1	4.8	4.0
McLeod	30.2	23.0	55.8	19.2	15.8	4.7	4.0
Mahnomen	29.9	25.3	57.2	18.3	14.5	4.5	3.7
Marshall	30.0	25.6	57.6	18.2	14.3	4.5	3.7
Martin	29.7	25.9	57.0	18.0	14.1	4.4	3.6

Morbidity Table 11: Minnesota Behavioral Risk Factors^ of Adults - County Synthetic Estimates and State Estimates, 1999

Estimated Percent of:							
	Seatbelt Non Use	Hyper-tension	Over-weight	Current Smokers	Acute Drinking	Chronic Drinking	Drinking and Driving
State of Minnesota	30.3	21.6	55.5	19.6	16.4	4.7	4.1
Meeker	30.0	24.5	56.7	18.6	14.8	4.5	3.8
Mille Lacs	29.9	24.6	56.5	18.5	14.7	4.5	3.7
Morrison	30.1	24.0	56.3	18.8	15.2	4.6	3.9
Mower	29.8	26.0	56.6	18.1	14.2	4.4	3.6
Murray	29.8	26.6	57.5	17.8	13.8	4.4	3.5
Nicollet	31.2	19.6	53.1	20.7	17.9	5.1	4.4
Nobles	30.1	25.3	56.5	18.4	14.8	4.6	3.8
Norman	29.8	26.9	57.9	17.7	13.7	4.4	3.5
Olmsted	30.1	21.0	54.7	19.8	16.5	4.6	4.1
Otter Tail	29.9	25.4	57.0	18.3	14.4	4.5	3.7
Pennington	30.5	23.3	55.6	19.3	15.9	4.8	4.0
Pine	30.3	24.0	57.4	18.9	15.6	4.8	4.0
Pipestone	29.8	26.0	56.4	18.0	14.2	4.4	3.6
Polk	30.2	24.1	55.9	18.8	15.2	4.6	3.8
Pope	29.7	26.8	57.7	17.7	13.6	4.4	3.5
Ramsey	30.3	21.5	53.9	19.7	16.5	4.6	4.1
Red Lake	30.1	25.1	57.5	18.4	14.8	4.6	3.8
Redwood	29.8	26.0	57.2	18.0	14.2	4.5	3.6
Renville	29.9	26.2	57.3	18.0	14.1	4.5	3.6
Rice	31.3	20.4	53.5	20.5	17.8	5.1	4.4
Rock	29.7	26.2	57.0	17.9	13.9	4.4	3.5
Roseau	30.5	21.9	55.9	19.6	16.6	4.8	4.2
St. Louis	30.2	23.6	55.6	19.0	15.3	4.6	3.8
Scott	30.4	19.0	54.8	20.6	17.6	4.8	4.3
Sherburne	30.9	18.5	54.2	20.9	18.1	5.0	4.5
Sibley	30.0	24.9	56.9	18.5	14.8	4.6	3.8
Stearns	31.4	20.2	52.9	20.5	18.0	5.2	4.4
Steele	30.1	22.8	55.7	19.2	15.7	4.6	3.9
Stevens	31.6	22.0	52.3	20.0	17.3	5.2	4.2
Swift	30.7	25.0	58.3	18.7	15.7	4.9	4.1
Todd	30.1	24.4	56.9	18.7	15.0	4.7	3.8
Traverse	29.4	28.9	58.2	16.8	12.6	4.2	3.3
Wabasha	30.1	23.5	56.4	18.9	15.3	4.6	3.9
Wadena	30.0	25.9	56.9	18.2	14.4	4.5	3.7
Waseca	30.3	23.1	56.1	19.1	15.7	4.7	4.0
Washington	30.2	19.5	55.2	20.3	16.9	4.7	4.2
Watonwan	29.9	25.9	56.9	18.1	14.4	4.5	3.7
Wilkin	30.0	24.5	56.5	18.7	15.1	4.6	3.9
Winona	31.4	20.8	52.7	20.3	17.6	5.1	4.3
Wright	30.4	20.4	55.2	20.1	17.0	4.8	4.2
Yellow Medicine	29.9	26.3	57.2	18.0	14.1	4.5	3.6

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

^See page D-26 for definitions

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

Synthetic Estimates: County level estimated percentages for behavioral risk factors represent the percent of adults considered to be at risk for those behaviors in that county. These estimated percentages were derived through a synthetic estimation method, which adjusts statewide BRFSS percentages by the age and gender distributions of adults in each county.

**Morbidity Table 12: Minnesota Behavioral Risk Factors^ of Adults -
County Synthetic Estimates and State Estimates, 1999**

Estimated Percent of:						
	Health Status (fair or poor)*	Hospitalizations in Past Year	No Dentist Visits	No Doctor Visits	Cholesterol Checked in Past 5 Years	Reporting Limitations**
State of Minnesota	9.8	11.2	27.1	12.8	59.4	14.1
Aitkin	12.8	12.1	27.9	11.6	65.9	17.1
Anoka	8.8	10.8	26.8	13.1	58.0	13.3
Becker	11.1	11.6	27.5	12.3	62.3	15.4
Beltrami	9.7	11.3	27.2	12.8	57.9	13.7
Benton	9.3	11.1	27.2	12.9	57.4	13.4
Big Stone	13.1	12.3	28.1	11.5	66.0	17.2
Blue Earth	9.7	11.4	27.5	12.9	55.2	13.1
Brown	11.5	11.9	27.6	12.1	61.9	15.5
Carlton	10.7	11.3	27.6	12.6	61.4	15.0
Carver	8.6	10.7	26.8	13.2	57.9	13.2
Cass	11.6	11.7	27.6	12.0	63.9	16.1
Chippewa	12.1	12.0	27.8	11.9	64.0	16.2
Chisago	9.6	11.0	27.0	12.9	59.8	14.1
Clay	9.8	11.5	27.1	12.6	56.5	13.5
Clearwater	11.5	11.7	27.5	12.2	63.2	15.8
Cook	11.2	11.5	27.4	12.3	63.1	15.6
Cottonwood	12.8	12.2	28.0	11.7	65.1	16.8
Crow Wing	11.3	11.7	27.5	12.1	62.6	15.6
Dakota	8.3	10.7	26.6	13.2	57.3	12.9
Dodge	10.0	11.2	27.1	12.7	60.1	14.3
Douglas	11.6	11.8	27.7	12.2	62.5	15.6
Faribault	12.7	12.2	28.0	11.7	65.2	16.8
Fillmore	12.1	12.0	27.9	12.0	63.7	16.1
Freeborn	11.9	11.9	27.7	12.0	63.6	16.1
Goodhue	10.8	11.5	27.4	12.4	61.8	15.1
Grant	12.8	12.2	28.0	11.7	65.7	17.0
Hennepin	9.2	11.1	27.0	12.9	58.4	13.6
Houston	10.9	11.5	27.5	12.4	61.9	15.2
Hubbard	11.6	11.7	27.5	12.0	64.0	16.1
Isanti	9.6	11.0	26.9	12.9	59.9	14.1
Itasca	11.3	11.7	27.4	12.2	62.9	15.6
Jackson	12.0	11.9	27.9	12.0	63.6	16.1
Kanabec	10.6	11.4	27.3	12.5	61.7	15.0
Kandiyohi	10.6	11.5	27.4	12.5	60.6	14.7
Kittson	12.5	12.1	27.9	11.8	64.8	16.5
Koochiching	11.2	11.5	27.6	12.4	62.2	15.4
Lac Qui Parle	13.0	12.2	28.1	11.7	65.8	17.1
Lake	12.2	11.9	27.8	11.8	65.0	16.6
Lake of the Woods	11.0	11.4	27.4	12.4	62.5	15.4
Le Sueur	10.8	11.4	27.5	12.5	61.7	15.1
Lincoln	13.3	12.3	28.2	11.6	66.1	17.3
Lyon	10.8	11.7	27.5	12.4	60.0	14.7
McLeod	10.5	11.4	27.4	12.6	60.9	14.8
Mahnomen	11.7	11.8	27.6	12.1	63.6	16.0
Marshall	11.9	11.8	27.7	12.1	63.9	16.1
Martin	12.1	11.9	27.8	12.0	64.1	16.2

**Morbidity Table 12: Minnesota Behavioral Risk Factors^ of Adults -
County Synthetic Estimates and State Estimates, 1999**

Estimated Percent of:						
	Health Status (fair or poor)*	Hospitalizations in Past Year	No Dentist Visits	No Doctor Visits	Cholesterol Checked in Past 5 Years	Reporting Limitations**
State of Minnesota	9.8	11.2	27.1	12.8	59.4	14.1
Meeker	11.2	11.6	27.5	12.3	62.6	15.5
Mille Lacs	11.4	11.7	27.5	12.1	62.8	15.6
Morrison	11.0	11.6	27.6	12.3	61.9	15.3
Mower	12.1	12.0	27.9	11.9	63.8	16.2
Murray	12.4	12.0	27.9	11.8	64.7	16.5
Nicollet	9.0	11.0	27.0	13.0	56.3	13.0
Nobles	11.8	11.8	27.9	12.1	63.0	15.8
Norman	12.5	12.1	28.0	11.8	65.1	16.7
Olmsted	9.4	11.1	26.9	12.8	59.1	13.8
Otter Tail	11.8	11.8	27.7	12.1	63.5	16.0
Pennington	10.8	11.4	27.5	12.6	60.8	14.9
Pine	10.9	11.3	27.7	12.6	62.0	15.2
Pipestone	12.2	12.0	27.9	11.9	63.8	16.2
Polk	11.2	11.7	27.6	12.3	61.8	15.3
Pope	12.5	12.1	27.9	11.8	65.0	16.6
Ramsey	9.8	11.4	27.2	12.6	58.8	14.0
Red Lake	11.5	11.7	27.8	12.3	63.2	15.8
Redwood	12.1	11.9	27.8	12.0	64.1	16.3
Renville	12.2	12.0	28.0	12.0	64.2	16.3
Rice	9.5	11.1	27.2	13.0	56.9	13.4
Rock	12.3	12.0	27.9	11.9	64.3	16.3
Roseau	9.9	11.1	27.3	12.9	59.7	14.2
St. Louis	10.9	11.6	27.5	12.4	61.4	15.1
Scott	8.2	10.6	26.7	13.4	57.2	12.8
Sherburne	8.1	10.6	26.7	13.5	56.1	12.6
Sibley	11.4	11.6	27.6	12.2	62.9	15.7
Stearns	9.5	11.2	27.3	12.9	56.3	13.3
Steele	10.4	11.4	27.3	12.5	60.8	14.7
Stevens	10.8	11.8	27.6	12.3	57.3	14.1
Swift	11.5	11.4	28.2	12.8	62.4	15.5
Todd	11.2	11.5	27.6	12.4	62.5	15.5
Traverse	13.7	12.5	28.3	11.3	67.1	17.7
Wabasha	10.8	11.5	27.4	12.4	61.7	15.1
Wadena	12.1	12.0	27.8	11.9	63.8	16.2
Waseca	10.6	11.4	27.5	12.6	60.9	14.8
Washington	8.4	10.6	26.5	13.2	58.3	13.2
Watonwan	12.0	11.9	27.9	12.0	63.7	16.1
Wilkin	11.2	11.5	27.8	12.4	62.3	15.4
Winona	9.9	11.5	27.3	12.7	56.8	13.6
Wright	9.1	10.9	26.9	13.1	58.5	13.5
Yellow Medicine	12.3	12.0	27.9	11.9	64.3	16.4

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

^See page D-26 for definitions

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

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

Synthetic Estimates: County level estimated percentages for behavioral risk factors represent the percent of adults considered to be at risk for those behaviors in that county. These estimated percentages were derived through a synthetic estimation method, which adjusts statewide BRFSS percentages by the age and gender distributions of adults in each county.

Morbidity Tables 11 and 12:

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.

Lack of Seatbelt Usage: Respondent who report the "sometimes," "seldom," or "never use seatbelts.

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

Drinking and Driving: Respondents who report having driven after having too much to drink, one or more times in the month

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

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

Section E: Chemical Health

Tables

Table 1: Alcohol-related motor vehicle fatalities

Table 2: Alcohol-related motor vehicle injuries

Table 3: Alcohol-related motor vehicle injuries

Table 4: Impaired Driving Incidents by Occurrence

Chemical Health Table 1: Minnesota Alcohol-Related Motor Vehicle Fatalities by State and County, 1997-1999

	1997			1998			1999			1997-1999 Percent 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	600	178	29.7	650	273	42.0	626	195	31.2	34.4
Aitkin	5	1	20.0	6	2	33.3	5	2	40.0	31.3
Anoka	18	5	27.8	31	14	45.2	24	8	33.3	37.0
Becker	13	9	69.2	11	3	27.3	9	2	22.2	42.4
Beltrami	8	3	37.5	5	2	40.0	12	5	41.7	40.0
Benton	6	3	50.0	11	1	9.1	7	3	42.9	29.2
Big Stone	0	0	0.0	2	1	50.0	1	0	0.0	33.3
Blue Earth	6	0	0.0	19	9	47.4	5	2	40.0	36.7
Brown	6	1	16.7	0	0	0.0	6	3	50.0	33.3
Carlton	5	1	20.0	6	2	33.3	7	2	28.6	27.8
Carver	15	6	40.0	9	4	44.4	11	2	18.2	34.3
Cass	11	4	36.4	6	3	50.0	7	2	28.6	37.5
Chippewa	5	0	0.0	3	1	33.3	2	0	0.0	10.0
Chisago	5	1	20.0	10	4	40.0	11	6	54.5	42.3
Clay	7	1	14.3	10	2	20.0	10	6	60.0	33.3
Clearwater	2	1	50.0	7	4	57.1	5	4	80.0	64.3
Cook	2	1	50.0	1	1	100.0	2	1	50.0	60.0
Cottonwood	4	0	0.0	3	0	0.0	7	0	0.0	0.0
Crow Wing	9	3	33.3	18	8	44.4	12	4	33.3	38.5
Dakota	24	5	20.8	26	15	57.7	22	5	22.7	34.7
Dodge	3	0	0.0	6	5	83.3	5	3	60.0	57.1
Douglas	4	1	25.0	4	1	25.0	8	2	25.0	25.0
Faribault	0	0	0.0	1	1	100.0	3	0	0.0	25.0
Fillmore	3	3	100.0	6	3	50.0	5	2	40.0	57.1
Freeborn	3	1	33.3	3	1	33.3	6	1	16.7	25.0
Goodhue	10	4	40.0	12	6	50.0	13	4	30.8	40.0
Grant	0	0	0.0	1	1	100.0	2	0	0.0	33.3
Hennepin	57	19	33.3	70	24	34.3	40	13	32.5	33.5
Houston	2	0	0.0	3	2	66.7	1	0	0.0	33.3
Hubbard	4	1	25.0	5	2	40.0	6	2	33.3	33.3
Isanti	10	6	60.0	3	1	33.3	5	3	60.0	55.6
Itasca	11	2	18.2	7	6	85.7	6	5	83.3	54.2
Jackson	2	0	0.0	5	1	20.0	4	1	25.0	18.2
Kanabec	3	1	33.3	4	2	50.0	5	0	0.0	25.0
Kandiyohi	4	1	25.0	7	2	28.6	12	1	8.3	17.4
Kittson	2	0	0.0	1	0	0.0	1	1	100.0	25.0
Koochiching	3	0	0.0	0	0	0.0	1	0	0.0	0.0
Lac Qui Parle	2	0	0.0	1	0	0.0	3	2	66.7	33.3
Lake	2	1	50.0	2	0	0.0	1	0	0.0	20.0
Lake of the Woods	4	3	75.0	2	2	100.0	3	1	33.3	66.7
Le Sueur	1	0	0.0	8	3	37.5	3	2	66.7	41.7
Lincoln	0	0	0.0	1	0	0.0	3	0	0.0	0.0
Lyon	4	3	75.0	1	0	0.0	8	4	50.0	53.8
McLeod	6	3	50.0	6	3	50.0	12	5	41.7	45.8
Mahnomen	1	0	0.0	0	0	0.0	4	4	100.0	80.0

Chemical Health Table 1: Minnesota Alcohol-Related Motor Vehicle Fatalities by State and County, 1997-1999

	1997			1998			1999			1997-1999 Percent 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	600	178	29.7	650	273	42.0	626	195	31.2	34.4
Marshall	2	2	100.0	4	4	100.0	1	1	100.0	100.0
Martin	5	0	0.0	5	0	0.0	2	2	100.0	16.7
Meeker	3	0	0.0	4	1	25.0	7	1	14.3	14.3
Mille Lacs	7	3	42.9	9	3	33.3	7	2	28.6	34.8
Morrison	9	2	22.2	6	5	83.3	7	2	28.6	40.9
Mower	4	1	25.0	7	3	42.9	5	1	20.0	31.3
Murray	3	0	0.0	0	0	0.0	2	0	0.0	0.0
Nicollet	4	1	25.0	4	3	75.0	3	0	0.0	36.4
Nobles	4	1	25.0	7	1	14.3	4	1	25.0	20.0
Norman	1	0	0.0	0	0	0.0	1	0	0.0	0.0
Olmsted	16	2	12.5	19	6	31.6	24	6	25.0	23.7
Otter Tail	11	3	27.3	4	2	50.0	13	8	61.5	46.4
Pennington	0	0	0.0	2	0	0.0	1	0	0.0	0.0
Pine	2	2	100.0	8	5	62.5	10	3	30.0	50.0
Pipestone	3	0	0.0	5	3	60.0	3	0	0.0	27.3
Polk	3	2	66.7	6	3	50.0	6	0	0.0	33.3
Pope	4	2	50.0	3	3	100.0	2	1	50.0	66.7
Ramsey	32	8	25.0	26	12	46.2	30	8	26.7	31.8
Red Lake	1	0	0.0	2	1	50.0	5	5	100.0	75.0
Redwood	2	1	50.0	3	0	0.0	6	2	33.3	27.3
Renville	3	1	33.3	12	4	33.3	1	0	0.0	31.3
Rice	7	4	57.1	10	4	40.0	8	1	12.5	36.0
Rock	0	0	0.0	3	2	66.7	2	0	0.0	40.0
Roseau	5	2	40.0	0	0	0.0	3	0	0.0	25.0
St. Louis	30	11	36.7	28	10	35.7	24	8	33.3	35.4
Scott	21	3	14.3	21	15	71.4	13	7	53.8	45.5
Sherburne	12	3	25.0	16	6	37.5	7	0	0.0	25.7
Sibley	5	4	80.0	1	0	0.0	1	0	0.0	57.1
Stearns	10	3	30.0	20	9	45.0	19	4	21.1	32.7
Steele	11	4	36.4	10	5	50.0	8	1	12.5	34.5
Stevens	1	1	100.0	2	0	0.0	1	1	100.0	50.0
Swift	4	2	50.0	1	0	0.0	2	1	50.0	42.9
Todd	3	2	66.7	5	2	40.0	8	1	12.5	31.3
Traverse	1	0	0.0	0	0	0.0	0	0	0.0	0.0
Wabasha	7	1	14.3	6	4	66.7	9	3	33.3	36.4
Wadena	3	1	33.3	5	1	20.0	2	0	0.0	20.0
Waseca	8	0	0.0	3	2	66.7	3	1	33.3	21.4
Washington	13	6	46.2	11	4	36.4	11	3	27.3	37.1
Watsonwan	4	0	0.0	1	0	0.0	1	0	0.0	0.0
Wilkin	3	1	33.3	2	1	50.0	1	0	0.0	33.3
Winona	13	3	23.1	11	3	27.3	16	5	31.3	27.5
Wright	25	1	4.0	11	2	18.2	16	2	12.5	9.6
Yellow Medicine	3	1	33.3	4	2	50.0	6	1	16.7	30.8

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 fatality. Fatalities are by county of occurrence.

Three year 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, 1997-1999

	1997			1998			1999			1997-1999 Percent 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	46,064	4,864	10.6	45,113	4,761	10.6	44,538	4,433	10.0	10.4
Aitkin	172	13	7.6	138	33	23.9	139	18	12.9	14.3
Anoka	2,769	296	10.7	2,681	223	8.3	2,653	244	9.2	9.4
Becker	234	50	21.4	213	36	16.9	209	39	18.7	19.1
Beltrami	379	44	11.6	329	50	15.2	354	62	17.5	14.7
Benton	376	45	12.0	442	47	10.6	311	54	17.4	12.9
Big Stone	34	1	2.9	38	8	21.1	40	4	10.0	11.6
Blue Earth	521	42	8.1	533	76	14.3	494	45	9.1	10.5
Brown	216	27	12.5	170	21	12.4	210	26	12.4	12.4
Carlton	200	22	11.0	238	44	18.5	222	19	8.6	12.9
Carver	552	66	12.0	516	37	7.2	479	57	11.9	10.3
Cass	259	62	23.9	275	72	26.2	310	88	28.4	26.3
Chippewa	118	10	8.5	89	10	11.2	99	12	12.1	10.5
Chisago	331	54	16.3	409	55	13.4	389	60	15.4	15.0
Clay	428	40	9.3	403	44	10.9	359	34	9.5	9.9
Clearwater	57	10	17.5	84	23	27.4	59	14	23.7	23.5
Cook	53	6	11.3	87	14	16.1	54	9	16.7	14.9
Cottonwood	99	8	8.1	101	9	8.9	99	5	5.1	7.4
Crow Wing	595	81	13.6	602	73	12.1	616	66	10.7	12.1
Dakota	2,548	227	8.9	2,506	217	8.7	2,557	203	7.9	8.5
Dodge	134	11	8.2	167	37	22.2	118	15	12.7	15.0
Douglas	363	33	9.1	357	33	9.2	316	38	12.0	10.0
Faribault	125	7	5.6	98	19	19.4	95	6	6.3	10.1
Fillmore	129	22	17.1	149	8	5.4	153	17	11.1	10.9
Freeborn	350	40	11.4	297	22	7.4	353	30	8.5	9.2
Goodhue	479	76	15.9	429	43	10.0	445	40	9.0	11.8
Grant	56	6	10.7	43	2	4.7	42	4	9.5	8.5
Hennepin	12,596	1,007	8.0	12,247	1,052	8.6	12,136	827	6.8	7.8
Houston	146	25	17.1	181	23	12.7	150	28	18.7	15.9
Hubbard	163	27	16.6	154	38	24.7	173	38	22.0	21.0
Isanti	334	48	14.4	344	38	11.0	293	33	11.3	12.3
Itasca	378	82	21.7	377	50	13.3	407	84	20.6	18.6
Jackson	122	14	11.5	83	10	12.0	89	13	14.6	12.6
Kanabec	114	22	19.3	127	23	18.1	145	16	11.0	15.8
Kandiyohi	489	39	8.0	513	43	8.4	465	35	7.5	8.0
Kittson	33	3	9.1	27	10	37.0	18	7	38.9	25.6
Koochiching	122	30	24.6	130	31	23.8	105	19	18.1	22.4
Lac Qui Parle	53	12	22.6	60	9	15.0	46	9	19.6	18.9
Lake	82	12	14.6	73	19	26.0	98	16	16.3	18.6
Lake of the Woods	23	4	17.4	26	3	11.5	23	7	30.4	19.4
Le Sueur	215	21	9.8	262	32	12.2	198	26	13.1	11.7
Lincoln	33	4	12.1	34	10	29.4	31	3	9.7	17.3
Lyon	199	18	9.0	205	26	12.7	242	27	11.2	11.0
McLeod	317	34	10.7	351	30	8.5	331	35	10.6	9.9
Mahnomen	54	17	31.5	43	15	34.9	57	22	38.6	35.1

Chemical Health Table 2: Minnesota Alcohol-Related Motor Vehicle Injuries by State and County, 1997-1999

	1997			1998			1999			1997-1999 Percent 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	46,064	4,864	10.6	45,113	4,761	10.6	44,538	4,433	10.0	10.4
Marshall	40	6	15.0	50	14	28.0	39	4	10.3	18.6
Martin	188	18	9.6	177	17	9.6	136	20	14.7	11.0
Meeker	210	16	7.6	202	19	9.4	178	19	10.7	9.2
Mille Lacs	217	23	10.6	256	47	18.4	241	40	16.6	15.4
Morrison	270	64	23.7	274	49	17.9	250	43	17.2	19.6
Mower	289	37	12.8	272	37	13.6	230	22	9.6	12.1
Murray	55	3	5.5	65	16	24.6	45	8	17.8	16.4
Nicollet	187	23	12.3	177	16	9.0	191	16	8.4	9.9
Nobles	217	26	12.0	192	27	14.1	189	18	9.5	11.9
Norman	43	6	14.0	45	5	11.1	42	5	11.9	12.3
Olmsted	1,087	102	9.4	1,123	96	8.5	1,221	111	9.1	9.0
Otter Tail	491	51	10.4	498	70	14.1	427	75	17.6	13.8
Pennington	160	23	14.4	167	17	10.2	128	8	6.3	10.5
Pine	245	44	18.0	313	45	14.4	274	38	13.9	15.3
Pipestone	57	5	8.8	73	9	12.3	77	2	2.6	7.7
Polk	272	53	19.5	226	39	17.3	233	33	14.2	17.1
Pope	51	14	27.5	74	19	25.7	81	22	27.2	26.7
Ramsey	5,514	510	9.2	5,233	406	7.8	5,312	415	7.8	8.3
Red Lake	41	14	34.1	25	10	40.0	26	7	26.9	33.7
Redwood	150	11	7.3	113	10	8.8	123	26	21.1	12.2
Renville	120	20	16.7	121	14	11.6	150	18	12.0	13.3
Rice	546	49	9.0	584	60	10.3	492	40	8.1	9.2
Rock	98	4	4.1	93	14	15.1	101	10	9.9	9.6
Roseau	80	12	15.0	69	7	10.1	76	11	14.5	13.3
St. Louis	1,593	240	15.1	1,598	217	13.6	1,576	251	15.9	14.9
Scott	766	68	8.9	651	90	13.8	675	76	11.3	11.2
Sherburne	473	64	13.5	521	52	10.0	528	56	10.6	11.3
Sibley	94	7	7.4	91	11	12.1	113	19	16.8	12.4
Stearns	1,462	137	9.4	1,446	155	10.7	1,481	162	10.9	10.3
Steele	325	32	9.8	221	14	6.3	240	19	7.9	8.3
Stevens	71	8	11.3	62	4	6.5	58	10	17.2	11.5
Swift	72	8	11.1	68	14	20.6	61	7	11.5	14.4
Todd	204	40	19.6	204	39	19.1	181	27	14.9	18.0
Traverse	29	3	10.3	16	3	18.8	16	4	25.0	16.4
Wabasha	171	33	19.3	158	39	24.7	178	31	17.4	20.3
Wadena	124	21	16.9	129	21	16.3	116	22	19.0	17.3
Waseca	153	18	11.8	138	15	10.9	134	18	13.4	12.0
Washington	1,264	118	9.3	1,326	136	10.3	1,284	111	8.6	9.4
Watsonwan	93	26	28.0	65	2	3.1	82	5	6.1	13.8
Wilkin	90	12	13.3	62	10	16.1	60	7	11.7	13.7
Winona	493	54	11.0	434	48	11.1	448	48	10.7	10.9
Wright	842	111	13.2	779	89	11.4	786	87	11.1	11.9
Yellow Medicine	67	12	17.9	91	21	23.1	77	8	10.4	17.4

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 injury. Injuries are by county of occurrence.

Three year 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 Crashes by State and County, 1997-1999

	1997			1998			1999			1997-1999 Percent 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	98,626	5,901	6.0	92,926	5,792	6.2	96,813	5,723	5.9	6.0
Aitkin	303	21	6.9	328	40	12.2	317	28	8.8	9.4
Anoka	4,846	310	6.4	4,618	279	6.0	4,920	304	6.2	6.2
Becker	404	50	12.4	401	45	11.2	377	44	11.7	11.8
Beltrami	780	64	8.2	760	49	6.4	763	64	8.4	7.7
Benton	637	39	6.1	631	49	7.8	620	48	7.7	7.2
Big Stone	102	2	2.0	79	10	12.7	92	7	7.6	7.0
Blue Earth	1,360	66	4.9	1,231	87	7.1	1,256	60	4.8	5.5
Brown	459	25	5.4	406	26	6.4	459	33	7.2	6.3
Carlton	412	30	7.3	416	36	8.7	435	27	6.2	7.4
Carver	1,085	81	7.5	970	59	6.1	1,084	64	5.9	6.5
Cass	454	65	14.3	472	77	16.3	443	64	14.4	15.0
Chippewa	221	15	6.8	154	10	6.5	170	18	10.6	7.9
Chisago	757	58	7.7	801	56	7.0	792	65	8.2	7.6
Clay	1,310	57	4.4	939	56	6.0	952	53	5.6	5.2
Clearwater	93	11	11.8	112	21	18.8	109	15	13.8	15.0
Cook	135	10	7.4	148	15	10.1	136	17	12.5	10.0
Cottonwood	161	12	7.5	182	11	6.0	179	11	6.1	6.5
Crow Wing	1,229	77	6.3	1,111	80	7.2	1,220	78	6.4	6.6
Dakota	5,131	279	5.4	5,142	310	6.0	5,453	307	5.6	5.7
Dodge	272	16	5.9	238	27	11.3	245	18	7.3	8.1
Douglas	920	40	4.3	829	46	5.5	823	49	6.0	5.2
Faribault	198	8	4.0	160	16	10.0	183	11	6.0	6.5
Fillmore	307	26	8.5	318	13	4.1	320	24	7.5	6.7
Freeborn	758	42	5.5	712	37	5.2	714	40	5.6	5.4
Goodhue	1,050	77	7.3	1,023	67	6.5	1,003	63	6.3	6.7
Grant	117	7	6.0	97	4	4.1	93	7	7.5	5.9
Hennepin	28,429	1,410	5.0	27,067	1,332	4.9	28,296	1,280	4.5	4.8
Houston	321	24	7.5	346	25	7.2	327	20	6.1	6.9
Hubbard	254	33	13.0	217	30	13.8	280	29	10.4	12.3
Isanti	615	50	8.1	595	45	7.6	563	35	6.2	7.3
Itasca	732	69	9.4	731	62	8.5	738	89	12.1	10.0
Jackson	226	10	4.4	187	14	7.5	175	14	8.0	6.5
Kanabec	211	23	10.9	227	33	14.5	276	18	6.5	10.4
Kandiyohi	899	48	5.3	808	48	5.9	758	45	5.9	5.7
Kittson	88	7	8.0	99	8	8.1	83	7	8.4	8.1
Koochiching	232	33	14.2	179	21	11.7	172	21	12.2	12.9
Lac Qui Parle	103	8	7.8	78	6	7.7	80	13	16.2	10.3
Lake	213	16	7.5	187	10	5.3	226	17	7.5	6.9
Lake of the Woods	50	5	10.0	40	3	7.5	52	3	5.8	7.7
Le Sueur	510	30	5.9	461	39	8.5	439	37	8.4	7.5
Lincoln	78	4	5.1	100	12	12.0	87	5	5.7	7.9
Lyon	471	34	7.2	392	19	4.8	414	29	7.0	6.4
McLeod	701	50	7.1	632	29	4.6	617	49	7.9	6.6
Mahnomen	66	10	15.2	57	13	22.8	60	14	23.3	20.2

Chemical Health Table 3: Minnesota Alcohol-Related Motor Vehicle Crashes by State and County, 1997-1999

	1997			1998			1999			1997-1999 Percent 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	98,626	5,901	6.0	92,926	5,792	6.2	96,813	5,723	5.9	6.0
Marshall	99	10	10.1	95	13	13.7	82	6	7.3	10.5
Martin	399	24	6.0	345	18	5.2	363	27	7.4	6.2
Meeker	334	18	5.4	296	15	5.1	265	16	6.0	5.5
Mille Lacs	397	35	8.8	401	44	11.0	383	37	9.7	9.8
Morrison	495	49	9.9	477	47	9.9	450	54	12.0	10.5
Mower	685	41	6.0	629	44	7.0	608	33	5.4	6.1
Murray	123	7	5.7	111	11	9.9	132	15	11.4	9.0
Nicollet	449	22	4.9	418	23	5.5	482	23	4.8	5.0
Nobles	457	18	3.9	361	21	5.8	418	19	4.5	4.7
Norman	128	11	8.6	82	7	8.5	93	10	10.8	9.2
Olmsted	2,314	125	5.4	2,212	134	6.1	2,314	133	5.7	5.7
Otter Tail	996	58	5.8	908	72	7.9	872	93	10.7	8.0
Pennington	255	19	7.5	243	15	6.2	225	10	4.4	6.1
Pine	571	53	9.3	590	44	7.5	528	39	7.4	8.1
Pipestone	146	7	4.8	171	10	5.8	122	5	4.1	5.0
Polk	559	47	8.4	420	32	7.6	465	38	8.2	8.1
Pope	142	12	8.5	142	12	8.5	153	21	13.7	10.3
Ramsey	13,679	696	5.1	12,876	659	5.1	13,899	640	4.6	4.9
Red Lake	73	9	12.3	59	13	22.0	68	10	14.7	16.0
Redwood	235	18	7.7	188	14	7.4	195	20	10.3	8.4
Renville	261	19	7.3	205	13	6.3	231	16	6.9	6.9
Rice	1,119	53	4.7	1,052	66	6.3	1,062	50	4.7	5.2
Rock	249	9	3.6	214	12	5.6	232	11	4.7	4.6
Roseau	176	12	6.8	176	11	6.3	186	11	5.9	6.3
St. Louis	3,031	282	9.3	2,760	253	9.2	2,798	264	9.4	9.3
Scott	1,342	81	6.0	1,244	102	8.2	1,437	97	6.8	7.0
Sherburne	953	61	6.4	948	61	6.4	997	69	6.9	6.6
Sibley	206	12	5.8	193	16	8.3	240	14	5.8	6.6
Stearns	2,518	161	6.4	2,354	180	7.6	2,453	184	7.5	7.2
Steele	863	46	5.3	700	23	3.3	715	26	3.6	4.2
Stevens	167	7	4.2	135	5	3.7	114	10	8.8	5.3
Swift	156	13	8.3	115	17	14.8	93	9	9.7	10.7
Todd	427	43	10.1	447	39	8.7	385	33	8.6	9.1
Traverse	47	2	4.3	34	2	5.9	33	4	12.1	7.0
Wabasha	332	34	10.2	371	42	11.3	340	37	10.9	10.8
Wadena	246	22	8.9	245	22	9.0	217	22	10.1	9.3
Waseca	292	23	7.9	267	17	6.4	291	25	8.6	7.6
Washington	2,870	162	5.6	2,893	172	5.9	3,150	154	4.9	5.5
Watsonwan	152	10	6.6	134	5	3.7	179	6	3.4	4.5
Wilkin	191	18	9.4	150	14	9.3	137	10	7.3	8.8
Winona	1,160	80	6.9	1,106	82	7.4	1,066	70	6.6	7.0
Wright	1,487	108	7.3	1,312	95	7.2	1,393	96	6.9	7.1
Yellow Medicine	145	12	8.3	165	20	12.1	145	12	8.3	9.7

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.

Three year 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 4: Minnesota Impaired Driving Incidents on Record by County of Occurrence per 10,000 Population, 1995-1999

	1995		1996		1997		1998		1999		1995-1999
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
State of Minnesota^	30,255	65.4	30,515	65.2	30,905	66.0	32,172	68.1	34,096	71.4	67.3
Aitkin	91	68.1	74	53.9	108	77.9	188	132.8	173	121.0	91.2
Anoka	1,659	60.9	1,578	56.7	1,504	52.5	1,659	56.8	2,060	68.9	58.9
Becker	376	128.9	334	114.2	324	110.8	349	118.8	400	134.4	121.6
Beltrami	340	93.1	275	74.4	292	75.4	336	86.8	332	84.7	81.7
Benton	185	55.5	186	55.2	177	52.6	174	51.0	261	74.9	58.2
Big Stone	20	33.2	24	40.4	20	35.2	23	40.7	16	*	36.0
Blue Earth	319	57.8	408	73.7	461	85.3	502	93.4	453	84.1	79.3
Brown	122	44.2	130	46.6	119	43.7	104	38.5	148	55.0	46.0
Carlton	234	76.6	263	85.5	282	91.9	263	85.3	238	75.6	83.3
Carver	310	54.4	309	52.2	271	42.9	312	48.2	280	41.8	47.0
Cass	154	64.7	170	70.5	172	66.8	220	83.1	263	97.3	75.7
Chippewa	39	29.8	37	28.1	29	22.3	46	35.2	71	54.5	34.0
Chisago	222	61.6	269	72.2	305	77.3	318	77.8	332	78.5	73.1
Clay	655	124.7	600	113.4	501	96.7	552	107.0	530	102.5	109.6
Clearwater	91	107.7	88	103.8	101	123.2	132	159.3	146	179.2	135.5
Cook	50	120.0	64	148.4	38	80.2	64	133.6	70	146.7	121.5
Cottonwood	46	36.0	38	29.7	46	37.5	41	34.0	58	48.7	37.6
Crow Wing	497	102.6	537	108.4	497	97.3	520	100.6	460	87.4	98.2
Dakota	2,184	69.1	2,247	69.1	2,281	68.2	2,636	77.0	2,529	72.4	71.1
Dodge	61	36.6	104	61.4	71	41.8	79	45.9	87	50.0	47.2
Douglas	195	64.1	227	73.4	207	67.4	184	59.3	216	69.1	66.9
Faribault	45	27.0	56	33.7	70	42.6	107	65.9	106	65.2	46.9
Fillmore	137	65.5	110	52.6	129	62.4	123	59.2	121	58.5	59.7
Freeborn	219	66.9	269	82.3	267	84.6	293	92.8	300	95.2	85.0
Goodhue	338	79.6	312	73.0	311	72.8	232	53.8	301	69.4	69.9
Grant	24	38.5	26	41.8	23	37.5	29	46.9	29	47.7	42.6
Hennepin	7,297	68.6	7,206	67.3	7,318	69.5	7,129	67.3	7,286	68.5	68.5
Houston	123	64.3	110	57.2	112	58.3	103	53.5	172	88.3	64.3
Hubbard	75	46.2	107	65.1	94	56.1	113	66.7	155	91.0	65.3
Isanti	208	72.6	203	69.7	188	63.6	177	58.8	260	84.2	70.0
Itasca	287	67.6	292	68.3	323	74.2	319	72.7	348	78.8	72.0
Jackson	65	55.5	55	46.8	50	42.7	48	41.6	59	51.9	47.7
Kanabec	105	77.9	119	86.1	91	64.8	84	59.3	105	72.8	71.8
Kandiyohi	232	56.4	280	67.5	279	67.9	225	54.8	265	64.9	62.4
Kittson	26	46.7	25	45.2	20	37.3	33	62.0	32	61.8	50.9
Koochiching	92	57.8	93	58.3	95	60.6	126	81.1	122	81.9	67.7
Lac Qui Parle	6	*	6	*	14	*	10	*	25	32.0	15.0
Lake	40	38.2	33	31.3	53	49.5	48	45.4	56	52.0	43.1
Lake of the Woods	29	66.5	23	51.9	18	*	27	59.2	51	110.4	64.9
Le Sueur	140	57.5	100	40.4	116	46.6	108	42.7	139	54.6	48.3
Lincoln	18	*	14	*	14	*	36	55.7	21	32.7	31.3
Lyon	214	84.9	211	83.5	169	68.9	158	64.9	213	87.8	78.5
McLeod	315	93.2	276	80.7	338	100.3	267	78.5	285	82.5	87.6
Mahnomen	81	158.0	77	146.9	136	267.2	136	267.9	150	294.6	226.8
Marshall	31	28.9	25	23.3	27	25.7	33	32.0	30	29.7	28.0
Martin	97	42.5	97	42.4	125	56.2	130	59.1	127	58.3	51.9
Meeker	157	73.5	141	65.6	143	66.4	159	73.2	168	77.2	71.3
Mille Lacs	227	114.6	296	146.5	242	117.1	254	120.7	305	142.9	128.1
Morrison	197	64.1	187	60.2	202	66.2	212	69.4	208	68.2	66.0
Mower	207	55.0	197	52.3	224	60.3	303	81.8	387	104.2	71.0
Murray	47	48.9	44	45.7	60	63.0	67	70.4	42	44.1	54.5
Nicollet	146	49.7	157	52.8	176	58.6	176	59.5	200	68.3	57.6

Chemical Health Table 4: Minnesota Impaired Driving Incidents on Record by County of Occurrence per 10,000 Population, 1995-1999

	1995		1996		1997		1998		1999		1995-1999
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
State of Minnesota[^]	30,255	65.4	30,515	65.2	30,905	66.0	32,172	68.1	34,096	71.4	67.3
Nobles	205	100.5	159	77.3	162	82.1	142	73.5	150	78.5	83.1
Norman	48	60.9	51	64.8	28	36.3	41	54.4	45	59.9	55.7
Olmsted	501	44.0	439	38.1	560	48.9	668	57.2	824	69.2	51.9
Otter Tail	289	54.7	341	63.7	290	53.5	264	48.1	345	62.1	56.3
Pennington	131	97.8	128	94.2	125	92.3	98	72.3	102	75.2	86.3
Pine	219	96.0	289	123.9	320	135.7	244	102.0	195	79.2	107.2
Pipestone	65	62.3	69	65.9	59	58.5	89	88.2	59	59.0	67.4
Polk	297	90.3	300	91.2	296	92.2	340	109.8	324	105.2	98.0
Pope	65	59.6	67	61.2	50	45.9	44	40.4	83	76.2	56.5
Ramsey	2,375	48.0	2,440	49.2	2,707	55.9	2,794	57.5	2,620	53.9	53.3
Red Lake	15	*	6	*	23	53.0	22	51.5	36	85.7	47.4
Redwood	71	41.1	105	60.6	68	40.8	81	49.1	84	51.2	49.1
Renville	173	98.3	138	78.6	113	66.2	106	62.6	115	68.4	75.8
Rice	361	69.1	362	68.5	395	73.7	429	79.3	460	83.7	75.0
Rock	29	29.4	47	47.3	34	34.4	31	31.8	38	39.5	36.5
Roseau	92	57.4	98	60.4	92	56.4	99	61.4	88	54.7	58.1
St. Louis	1,245	62.6	1,218	61.2	1,319	67.6	1,437	74.3	1,638	84.7	70.3
Scott	523	75.5	521	72.8	526	69.1	593	75.0	757	91.2	76.6
Sherburne	469	91.4	411	76.4	382	66.0	419	69.4	442	69.8	73.2
Sibley	112	76.8	126	85.2	108	74.1	116	79.6	122	82.6	79.7
Stearns	799	63.0	859	66.8	826	64.8	756	59.0	767	59.0	62.7
Steele	176	55.3	160	50.0	212	67.2	213	67.1	277	86.4	65.6
Stevens	45	42.6	30	28.2	36	35.5	28	27.6	29	29.1	33.1
Swift	49	44.2	53	47.6	69	63.7	83	76.8	59	52.0	57.2
Todd	158	66.6	150	62.7	185	77.2	184	76.6	149	61.5	68.7
Traverse	19	*	25	57.2	17	*	27	63.6	17	*	49.4
Wabasha	109	53.4	127	61.7	159	76.6	159	75.9	201	95.1	72.5
Wadena	62	46.6	73	54.5	84	64.8	83	63.1	87	65.7	59.3
Waseca	118	65.4	123	67.3	129	71.0	105	57.8	148	79.7	68.5
Washington	1,330	75.8	1,473	81.1	1,347	70.3	1,475	75.1	1,449	71.5	74.0
Watsonwan	94	79.9	124	105.5	95	80.9	87	75.9	66	57.2	80.4
Wilkin	51	68.9	38	51.4	59	80.1	29	39.7	69	94.7	67.0
Winona	342	69.8	319	64.8	303	62.8	325	67.6	402	84.1	70.2
Wright	440	57.0	443	55.4	410	49.3	503	59.1	560	63.7	56.7
Yellow Medicine	103	88.7	94	80.8	84	72.6	91	79.7	98	86.7	81.7

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.

Notes about the Chemical Health Indicators

IMPAIRED DRIVING INCIDENTS

The category includes alcohol and other drugs that may affect the operation of a motor vehicle. The vast majority of the incidents reported involve alcohol. The violations indicator includes violations for both failing and also refusing to take (implied consent law) a test for blood alcohol content. The driving while impaired indicators include both local law enforcement and State Patrol reports.

Source:

Minnesota Department of Public Safety, 651/201-7000

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

Table 1: Blood Lead Tests

Table 2: Food and Waterborne Outbreaks

Table 3: Hazardous Material Releases

Blood Lead, 1999

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 (10 µg/dL) or greater about the hazards of lead. Homes of children and pregnant women with venous blood lead levels of 20 µg/dL or greater, or with levels of 15-19 µg/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.

The results in the table below represent submitted reports of blood lead test of Minnesota children aged 0-72 months between January 1, 1999, and December 31, 1999. Some results of Minnesota patients tested in 1999 may not have been reported to the MDH. The table below shows the numbers of children 0-72 months of age tested in 1999 according to blood lead level, as well as adults with levels of 40 µg/dL or greater.

Environmental Health Table 1: Number of Patients Tested according to Age and Blood Lead Levels in Micrograms per Deciliter (µg/dL) in 1999 by State and County

	Number of Children (0 to 72 Months)			
	10 to 14.9 µg/dL ¹	15 to 19.9 µg/dL ²	20 µg/dL or Greater ²	Total Tested ²
State of Minnesota	1,689	313	279	35,565
Aitkin	3	1	1	56
Anoka	16	4	3	822
Becker	7	0	1	333
Beltrami	4	0	1	282
Benton	6	0	0	105
Big Stone	1	0	0	27
Blue Earth	14	2	1	235
Brown	3	0	0	68
Carlton	1	1	0	145
Carver	3	0	0	130
Cass	1	0	0	118
Chippewa	5	0	0	33
Chisago	2	0	0	120
Clay	2	0	0	264
Clearwater	2	0	0	29
Cook	0	0	0	12
Cottonwood	3	4	1	83
Crow Wing	5	0	0	139

Environmental Health Table 1: Number of Patients Tested according to Age and Blood Lead Levels in Micrograms per Deciliter ($\mu\text{g}/\text{dL}$) in 1999 by State and County

	Number of Children (0 to 72 Months)			Total Tested ²
	10 to 14.9 $\mu\text{g}/\text{dL}$ ¹	15 to 19.9 $\mu\text{g}/\text{dL}$ ²	20 $\mu\text{g}/\text{dL}$ or Greater ²	
State of Minnesota	1,689	313	279	35,565
Dakota	27	1	5	886
Dodge	0	0	0	45
Douglas	5	1	1	370
Faribault	4	0	0	68
Fillmore	4	0	0	104
Freeborn	3	0	0	70
Goodhue	11	1	1	219
Grant	0		1	56
Hennepin	743	187	160	12,835
Houston	1	0	0	116
Hubbard	2	0	0	23
Isanti	4	0	0	114
Itasca	8	1	0	255
Jackson	2	0	0	38
Kanabec	2	0	0	31
Kandiyohi	2	0	0	38
Kittson	3	0	0	39
Koochiching	5	0	0	50
Lac Qui Parle	5	1	0	68
Lake	0	2	0	43
Lake of the Woods	1	0	0	16
Le Sueur	3	1	0	86
Lincoln	4	0	0	25
Lyon	14	1	0	92
McLeod	2	0	0	64
Mahnomen	1	0	0	104
Marshall	1	0	0	34
Martin	6	0	0	108
Meeker	0	0	1	24
Mille Lacs	3	0	0	150
Morrison	5	0	1	166
Mower	6	0	0	136
Murray	1	0	0	21
Nicollet	4	0	0	85
Nobles	5	0	1	124
Norman	0	0	0	30
Olmsted	4	1	0	139
Otter Tail	4	0	0	160
Pennington	0	0	0	17
Pine	6	0	0	69
Pipestone	0	0	0	32
Polk	5	3	0	147
Pope	1	0	0	72
Ramsey	543	80	85	7,566
Red Lake	0	0	0	3
Redwood	1	0	0	32
Renville	4	2	1	79
Rice	9	3	0	196
Rock	0	0	1	6

Environmental Health Table 1: Number of Patients Tested according to Age and Blood Lead Levels in Micrograms per Deciliter ($\mu\text{g}/\text{dL}$) in 1999 by State and County

	Number of Children (0 to 72 Months)			
	10 to 14.9 $\mu\text{g}/\text{dL}$ ¹	15 to 19.9 $\mu\text{g}/\text{dL}$ ²	20 $\mu\text{g}/\text{dL}$ or Greater ²	Total Tested ²
State of Minnesota	1,689	313	279	35,565
Roseau	0	0	0	13
St. Louis	50	6	3	1,376
Scott	6	0	1	134
Sherburne	2	0	0	241
Sibley	6	0	0	65
Stearns	7	1	1	355
Steele	11	1	2	271
Stevens	2	0	0	47
Swift	0	0	1	35
Todd	5	1	0	147
Traverse	0	0	0	16
Wabasha	2	0	2	29
Wadena	13	0	0	258
Waseca	3	0	0	96
Washington	8	1	1	512
Watonwan	2	0	0	75
Wilkin	1	0	0	88
Winona	11	3	1	279
Wright	6	1	0	195
Yellow Medicine	0	0	1	22

Source: Minnesota Department of Health, Environmental Health Division

¹venous, capillary, and unknown test types

²results of venous tests only

Foodborne and Waterborne Disease Outbreaks, 1999

Biological organisms that may be present in food and water can cause illness when ingested. The Minnesota Department of Health (MDH) investigates foodborne and waterborne disease outbreaks. Epidemiologists in the Division of Disease Prevention and Control collaborate with sanitarians in the Division of Environmental Health and with local public health agencies in these investigations. Sanitarians conduct necessary inspections and provide data to the MDH epidemiologists, who assess exposures.

A confirmed foodborne disease outbreak is defined as an incident in which two or more persons experience a similar illness, usually gastrointestinal, after eating a common food item, and epidemiologic analysis implicates the food as the source of illness. When a specific food is suspect but data are insufficient for epidemiologic analysis, the outbreak is termed "probable." A waterborne disease outbreak is similar to a foodborne disease outbreak, except that epidemiologic analysis implicates exposure to water or water consumption as the source of illness. Nonfoodborne/nonwaterborne outbreaks are related by time and place of exposure but investigation results do not implicate food or water as the source of the outbreak.

The table below shows the number of confirmed foodborne outbreaks; the number of probable foodborne outbreaks; the number of nonfoodborne/nonwaterborne investigations; and the total number of foodborne and waterborne illness complaints in 1999. There were no confirmed or probable drinking waterborne outbreaks for any Minnesota county in 1999.

Environmental Health Table 2: Foodborne and Waterborne Outbreaks and Cases Minnesota by State and County, 1999

	Foodborne		Nonfoodborne/ Nonwaterborne ²	Complaints	Totals
	Confirmed ¹	Probable			
State of Minnesota	41	14	31	772	858
Aitkin	0	0	1	0	1
Anoka	4	1	2	20	27
Becker	0	0	0	1	1
Beltrami	0	0	0	0	0
Benton	0	0	1	4	4
Big Stone	0	0	0	0	1
Blue Earth	1	0	0	1	2
Brown	1	0	0	0	1
Carlton	0	0	0	2	2
Carver	0	0	0	8	8
Cass	0	0	0	0	0
Chippewa	0	0	0	2	2
Chisago	0	0	0	4	4
Clay	0	0	0	2	2
Clearwater	0	0	0	0	0
Cook	0	0	0	2	2
Cottonwood	0	0	0	0	0
Crow Wing	2	0	0	3	5
Dakota	2	1	0	66	69
Dodge	0	0	0	0	0
Douglas	1	0	0	3	4
Faribault	0	0	0	0	0
Fillmore	0	0	1	0	1
Freeborn	0	0	0	2	2
Goodhue	0	0	0	7	7
Grant	0	0	0	0	0
Hennepin	9	3	15	288	315
Houston	0	0	0	0	0
Hubbard	0	0	1	1	1
Isanti	0	0	0	2	3
Itasca	0	0	0	1	1
Jackson	0	0	0	0	0
Kanabec	0	0	0	0	0
Kandiyohi	1	1	0	3	5
Kittson	0	0	0	0	0
Koochiching	0	0	0	1	1
Lac Qui Parle	0	0	0	0	0
Lake	0	0	0	2	2
Lake of the Woods	0	0	0	0	0
Le Sueur	0	0	0	0	0
Lincoln	0	0	0	0	0
Lyon	0	0	0	1	1
McLeod	2	0	0	2	4
Mahnomen	0	0	0	0	0
Marshall	0	0	0	0	0
Martin	0	0	1	0	1
Meeker	0	0	0	0	0
Mille Lacs	0	0	0	1	1
Morrison	0	0	1	1	2
Mower	0	0	0	1	1
Murray	0	0	0	0	0

Environmental Health Table 2: Foodborne and Waterborne Outbreaks and Cases Minnesota by State and County, 1999

	Foodborne		Nonfoodborne/ Nonwaterborne ²	Complaints	Totals
	Confirmed ¹	Probable			
State of Minnesota	41	14	31	772	858
Nicollet	0	0	0	0	0
Nobles	0	0	0	0	0
Norman	0	0	0	0	0
Olmsted	3	1	0	41	45
Otter Tail	0	0	0	2	2
Pennington	0	0	0	0	0
Pine	0	0	0	1	1
Pipestone	0	0	0	0	0
Polk	1	0	0	0	1
Pope	0	0	0	2	2
Ramsey	10	5	2	132	149
Red Lake	0	0	0	0	0
Redwood	0	0	0	0	0
Renville	0	0	0	0	0
Rice	0	0	0	4	4
Rock	0	0	0	0	0
Roseau	0	0	0	0	0
St. Louis	2	1	1	24	28
Scott	1	0	1	5	7
Sherburne	0	0	0	5	5
Sibley	0	0	0	0	0
Stearns	2	0	0		10
Steele	0	0	1	3	4
Stevens	0	0	0	1	1
Swift	0	0	0	0	0
Todd	0	0	0	0	0
Traverse	0	0	0	0	0
Wabasha	0	1	0	0	1
Wadena	0	0	0	0	0
Waseca	0	0	1	0	1
Washington	3	0	0	38	41
Watonwan	0	0	1	0	1
Wilkin	0	0	0	0	0
Winona	0	0	0	1	1
Wright	3	0	1	7	11
Yellow Medicine	0	0	1	0	1

Source: Minnesota Department of Health, Infectious Disease Epidemiology, Prevention and Control Division

¹ includes one waterborne

² epidemiological investigation conducted, neither food nor water implicated.

Hazardous Substances Emergency Events Surveillance, 1998 and 1999

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. Injuries range from minor ailments, such as throat irritation, to death.

The Minnesota Department of Health 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 a release is called and a standard set of questions is asked including how many and obtains information to complete an extensive report. 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.

The table below compares hazardous material releases in different areas of the state. Data are from the period January 1, 1998 through December 31, 1999.

Environmental Health Table 3: Average Hazardous Material Releases, Injuries, Evacuations, and Chemicals per Event for 1998 and 1999 in Minnesota by State and County*

	Events/County	Injuries/County	Evacuations/County	Average Number
Urban Counties	41.7	10.1	6.8	1.1
Rural Counties	4.6	0.5	0.3	1.1
	Events	Injuries	Evacuations	Chemicals/Event
State of Minnesota	731	128	88	1.1
Aitkin	1	0	0	1.0
Anoka	21	9	5	2.5
Becker	3	0	0	1.0
Beltrami	0	0	0	0.0
Benton	1	0	0	1.0
Big Stone	1	0	0	1.0
Blue Earth	7	5	1	2.1
Brown	3	0	1	1.0
Carlton	60	1	1	1.1
Carver	7	0	1	1.0
Cass	0	0	0	0.0
Chippewa	1	0	0	1.0
Chisago	2	0	1	1.0
Clay	5	0	1	1.0
Clearwater	1	0	0	1.0
Cook	0	0	0	0.0
Cottonwood	6	0	0	1.2
Crow Wing	9	0	1	1.0
Dakota	87	7	5	1.0
Dodge	1	0	0	1.0
Douglas	1	3	1	2.0

Environmental Health Table 3: Average Hazardous Material Releases, Injuries, Evacuations, and Chemicals per Event for 1998 and 1999 in Minnesota by State and County*

	Events/County	Injuries/County	Evacuations/County	Average Number
Urban Counties	41.7	10.1	6.8	1.1
Rural Counties	4.6	0.5	0.3	1.1
	Events	Injuries	Evacuations	Chemicals/Event
State of Minnesota	731	128	88	1.1
Faribault	6	0	0	1.0
Fillmore	4	0	0	1.0
Freeborn	8	0	0	1.0
Goodhue	6	1	0	1.0
Grant	3	0	0	1.0
Hennepin	140	43	22	1.1
Houston	2	0	0	1.0
Hubbard	1	0	0	1.0
Isanti	2	0	1	1.0
Itasca	31	0	0	1.0
Jackson	1	0	0	1.0
Kanabec	0	0	0	0.0
Kandiyohi	5	1	1	1.0
Kittson	5	0	0	1.0
Koochiching	4	0	0	1.0
Lac Qui Parle	0	0	0	0.0
Lake	0	0	0	0.0
Lake of the Woods	1	0	0	1.0
Le Sueur	3	1	0	1.0
Lincoln	1	0	0	1.0
Lyon	20	0	0	1.0
McLeod	13	0	3	1.1
Mahnomen	1	0	0	1.0
Marshall	2	1	0	1.0
Martin	4	0	2	1.0
Meeker	5	0	1	1.0
Mille Lacs	2	0	0	1.0
Morrison	1	0	0	1.0
Mower	5	0	0	1.0
Murray	1	0	0	1.0
Nicollet	4	0	0	1.0
Nobles	2	0	0	1.0
Norman	0	0	0	0.0
Olmsted	10	1	1	1.0
Otter Tail	8	0	1	1.0
Pennington	0	0	0	0.0
Pine	1	0	0	1.0
Pipestone	2	1	1	1.0
Polk	6	0	1	1.0
Pope	3	0	0	1.0
Ramsey	53	17	18	1.0
Red Lake	1	0	0	1.0
Redwood	3	0	1	1.0
Renville	12	0	0	1.0
Rice	8	0	1	1.0
Rock	2	0	1	2.5

Environmental Health Table 3: Average Hazardous Material Releases, Injuries, Evacuations, and Chemicals per Event for 1998 and 1999 in Minnesota by State and County*

	Events/County	Injuries/County	Evacuations/County	Average Number
Urban Counties	41.7	10.1	6.8	1.1
Rural Counties	4.6	0.5	0.3	1.1
	Events	Injuries	Evacuations	Chemicals/Event
State of Minnesota	731	128	88	1.1
Roseau	2	0	0	1.0
St. Louis	12	1	2	1.0
Scott	7	1	0	1.0
Sherburne	10	0	0	1.0
Sibley	2	0	0	1.0
Stearns	15	1	3	1.3
Steele	15	2	1	1.7
Stevens	3	0	0	1.0
Swift	0	0	0	0.0
Todd	1	1	0	1.0
Traverse	0	0	0	0.0
Wabasha	1	1	0	1.0
Wadena	1	0	0	1.0
Waseca	1	0	0	1.0
Washington	38	12	7	1.1
Watsonwan	5	2	0	1.0
Wilkin	0	0	0	0.0
Winona	5	16	2	1.0
Wright	2	0	0	1.0
Yellow Medicine	2	0	0	1.0

Source: Minnesota Department of Health, Environmental Health Division

***Urban counties:** Anoka, Carver, Dakota, Hennepin, Olmsted, Ramsey, St. Louis, Scott, and Washington counties (Includes counties with at least one city with a population more than 50,000 or located in the seven-county Twin Cities Metropolitan Area)