

Section B: Natality Tables

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

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

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

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

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

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

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

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

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

Natural Rate of Increase: The percent change in the population due to the difference in the birth rate and death rate.

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

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

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

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

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

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

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

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

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

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

(added 04/16/03)

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

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

(added 04/16/03)

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

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

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

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

*Rate not calculated for less than 20 events

Nativity Table 3: Definitions

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

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

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

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

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

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

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

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

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

Source: Minnesota Department of Health, Center for Health Statistics

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

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

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

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

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

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

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

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

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

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

Source: Minnesota Department of Health, Center for Health Statistics

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

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

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

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

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

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

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

Source: Minnesota Department of Health, Center for Health Statistics

*Rate not calculated for less than 20 events

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

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

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

Abortion Ratio: Number of abortions/Number of births

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

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

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

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

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

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

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

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

*Rate not calculated for less than 20 events

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

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

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

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

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

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

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

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

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

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

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

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

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

Source: Minnesota Department of Health, Center for Health Statistics