

Section B: Natality

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**Nativity Table 1: Selected Minnesota Natality Statistics
By State and County, 2006**

	Number of Births	Fertility Rate	Birth Rate	Number of Deaths	Death Rate	Natural Rate of Increase
State of Minnesota	73,515	68.5	14.2	36,963	7.2	7.1
Aitkin	162	62.2	10.0	185	11.5	-1.4
Anoka	4,471	62.8	13.7	1,399	4.3	9.4
Becker	432	70.2	13.4	312	9.7	3.7
Beltrami	725	73.7	16.8	358	8.3	8.5
Benton	620	67.1	16.0	294	7.6	8.4
Big Stone	54	65.2	9.8	65	11.8	-2.0
Blue Earth	792	56.2	13.6	434	7.5	6.1
Brown	331	68.2	12.6	284	10.8	1.8
Carlton	429	64.7	12.6	351	10.3	2.3
Carver	1,338	65.9	15.3	369	4.2	11.1
Cass	371	67.5	12.8	267	9.2	3.6
Chippewa	174	79.5	13.7	132	10.4	3.3
Chisago	696	61.3	13.8	305	6.1	7.8
Clay	757	56.9	13.9	405	7.4	6.5
Clearwater	127	83.7	15.0	76	9.0	6.0
Cook	47	50.6	8.8	46	8.6	0.2
Cottonwood	146	76.2	12.5	158	13.6	-1.0
Crow Wing	812	66.2	13.3	541	8.9	4.4
Dakota	5,664	66.6	14.6	1,909	4.9	9.7
Dodge	297	71.3	15.0	122	6.2	8.9
Douglas	421	60.9	11.9	319	9.0	2.9
Faribault	164	67.4	10.7	202	13.2	-2.5
Fillmore	283	74.4	13.4	247	11.7	1.7
Freeborn	378	67.8	11.9	341	10.8	1.2
Goodhue	601	68.7	13.1	381	8.3	4.8
Grant	80	76.3	13.2	87	14.3	-1.2
Hennepin	16,780	72.7	15.0	7,444	6.6	8.3
Houston	255	68.0	12.9	186	9.4	3.5
Hubbard	236	69.3	12.5	168	8.9	3.6
Isanti	533	58.9	13.8	252	6.5	7.3
Itasca	514	64.0	11.5	471	10.5	1.0
Jackson	108	55.9	9.7	89	8.0	1.7
Kanabec	210	62.4	12.9	113	6.9	6.0
Kandiyohi	608	79.3	14.8	352	8.6	6.2
Kittson	42	65.3	9.0	70	14.9	-6.0
Koochiching	114	49.9	8.3	157	11.5	-3.1
Lac Qui Parle	75	69.1	10.0	94	12.6	-2.5
Lake	103	52.4	9.4	160	14.6	-5.2
Lake of the Woods	38	52.5	8.8	44	10.2	-1.4
Le Sueur	402	70.5	14.4	185	6.6	7.8
Lincoln	70	74.9	11.7	74	12.4	-0.7
Lyon	382	75.1	15.5	203	8.2	7.3
McLeod	563	74.4	15.1	301	8.1	7.0
Mahnomen	83	99.6	16.4	57	11.2	5.1

**Nativity Table 1: Selected Minnesota Natality Statistics
By State and County, 2006**

	Number of Births	Fertility Rate	Birth Rate	Number of Deaths	Death Rate	Natural Rate of Increase
State of Minnesota	73,515	68.5	14.2	36,963	7.2	7.1
Marshall	95	57.4	9.5	90	9.0	0.5
Martin	229	70.0	11.0	238	11.5	-0.4
Meeker	323	74.3	13.8	226	9.7	4.1
Mille Lacs	371	66.7	14.2	260	9.9	4.2
Morrison	443	69.9	13.5	281	8.5	4.9
Mower	575	82.8	14.9	377	9.8	5.1
Murray	88	61.8	10.0	92	10.5	-0.5
Nicollet	439	62.3	14.0	206	6.6	7.4
Nobles	344	101.6	16.8	186	9.1	7.7
Norman	60	55.1	8.8	109	15.9	-7.2
Olmsted	2,210	76.4	16.1	834	6.1	10.0
Otter Tail	632	61.8	10.9	595	10.3	0.6
Pennington	200	75.5	14.6	132	9.6	5.0
Pine	363	65.1	12.8	264	9.3	3.5
Pipestone	143	90.8	15.2	136	14.4	0.7
Polk	395	67.5	12.7	345	11.1	1.6
Pope	120	60.0	10.7	150	13.4	-2.7
Ramsey	7,578	74.9	15.4	3,736	7.6	7.8
Red Lake	41	55.9	9.8	55	13.2	-3.4
Redwood	227	88.1	14.4	198	12.5	1.8
Renville	226	80.4	13.7	200	12.1	1.6
Rice	842	59.6	13.6	409	6.6	7.0
Rock	134	80.2	14.1	113	11.9	2.2
Roseau	195	62.3	12.0	132	8.1	3.9
St. Louis	2,167	56.3	11.1	2,110	10.8	0.3
Scott	2,118	69.6	17.1	484	3.9	13.2
Sherburne	1,385	67.3	16.3	398	4.7	11.6
Sibley	215	76.0	14.2	140	9.3	5.0
Stearns	1,990	60.8	13.8	764	5.3	8.5
Steele	541	72.8	14.9	240	6.6	8.3
Stevens	122	54.2	12.4	91	9.3	3.2
Swift	111	72.8	10.8	109	10.6	0.2
Todd	319	70.6	13.1	226	9.3	3.8
Traverse	44	76.7	11.6	54	14.2	-2.6
Wabasha	256	60.3	11.5	186	8.3	3.1
Wadena	196	83.9	14.6	199	14.8	-0.2
Waseca	272	78.5	14.0	156	8.0	6.0
Washington	2,960	61.8	13.2	1,063	4.7	8.4
Watsonwan	160	85.6	14.3	133	11.9	2.4
Wilkin	74	63.0	11.2	66	9.9	1.2
Winona	538	46.2	10.9	429	8.7	2.2
Wright	2,152	79.9	18.7	602	5.2	13.5
Yellow Medicine	134	76.9	12.8	137	13.1	-0.3

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.

**Nativity Table 2: Prematurity and Low Birth Weight of Singleton Births in Minnesota
By State and County, 2006**

	Preterm Births		Low Birth Weight		Percent Very Low Birth Weight 2004-2006	Percent Small for Gestational Age
	Number	Percent	Number	Percent		
State of Minnesota	5,283	8.5	3,470	4.9	0.9	3.0
Aitkin	11	8.0	6	3.8	0.7	4.4
Anoka	321	8.5	216	5.0	0.8	2.9
Becker	22	6.0	15	3.6	0.6	1.9
Beltrami	57	9.2	37	5.2	0.8	2.9
Benton	64	10.9	36	6.0	1.2	3.7
Big Stone	3	5.7	1	1.9	0.0	1.9
Blue Earth	55	7.7	43	5.7	0.9	2.5
Brown	35	11.3	15	4.6	0.9	3.6
Carlton	33	9.5	20	4.8	0.5	1.7
Carver	79	6.6	42	3.3	0.6	1.8
Cass	32	10.0	17	4.7	1.1	3.7
Chippewa	8	6.0	5	3.0	0.7	3.0
Chisago	46	8.1	27	4.0	1.2	2.6
Clay	57	8.5	33	4.5	1.0	3.1
Clearwater	11	10.1	5	4.0	1.1	0.9
Cook	4	8.9	2	4.4	0.0	2.2
Cottonwood	9	6.6	6	4.2	0.5	2.9
Crow Wing	55	7.1	34	4.3	0.9	2.8
Dakota	380	8.1	221	4.0	0.8	2.7
Dodge	23	8.4	5	1.8	0.4	2.5
Douglas	37	9.2	12	2.9	1.1	1.2
Faribault	11	7.6	4	2.6	0.8	0.0
Fillmore	18	7.2	13	4.8	1.0	2.0
Freeborn	24	7.5	19	5.1	1.1	3.1
Goodhue	45	8.1	30	5.2	0.8	2.9
Grant	5	7.0	2	2.8	0.0	2.8
Hennepin	1,244	8.9	888	5.5	1.0	3.6
Houston	18	7.4	12	4.8	0.6	5.0
Hubbard	11	5.4	7	3.0	0.9	2.0
Isanti	48	10.0	24	4.6	1.1	1.7
Itasca	44	10.4	29	5.9	0.7	3.8
Jackson	5	4.9	4	3.7	1.5	3.9
Kanabec	6	5.2	9	4.5	0.4	2.6
Kandiyohi	29	4.9	20	3.3	0.7	1.9
Kittson	2	5.4	2	4.8	0.0	2.7
Koochiching	10	9.3	2	1.8	1.1	0.9
Lac Qui Parle	3	4.5	3	4.0	1.4	1.5
Lake	9	9.4	4	4.0	0.7	1.1
Lake of the Woods	3	8.8	2	5.3	0.0	0.0
Le Sueur	33	8.7	17	4.3	0.4	4.0
Lincoln	6	9.7	4	5.8	0.9	1.6
Lyon	12	4.1	13	3.5	0.6	3.1
McLeod	35	7.0	14	2.6	0.6	1.2
Mahnomen	6	8.7	4	4.8	0.0	1.4
Marshall	9	10.8	5	5.6	0.0	3.6
Martin	21	11.5	13	5.8	0.6	6.0
Meeker	29	10.0	13	4.1	1.3	2.4
Mille Lacs	32	10.0	13	3.7	0.5	2.8
Morrison	38	9.1	21	4.9	0.8	1.7
Mower	34	7.0	28	5.0	0.8	2.9
Murray	7	9.1	2	2.3	0.4	5.2

**Nativity Table 2: Prematurity and Low Birth Weight of Singleton Births in Minnesota
By State and County, 2006**

	Preterm Births		Low Birth Weight		Percent Very Low Birth Weight 2004-2006	Percent Small for Gestational Age
	Number	Percent	Number	Percent		
State of Minnesota	5,283	8.5	3,470	4.9	0.9	3.0
Nicollet	43	11.0	21	5.0	0.8	2.3
Nobles	24	7.9	19	5.7	1.1	4.0
Norman	6	11.1	3	5.2	1.4	3.7
Olmsted	186	8.9	94	4.4	0.8	3.3
Otter Tail	44	7.3	38	6.1	1.1	3.5
Pennington	20	10.8	10	5.1	0.7	2.2
Pine	18	7.0	15	4.3	1.2	3.5
Pipestone	7	5.7	6	4.3	1.0	4.1
Polk	23	6.4	17	4.4	1.2	3.6
Pope	7	6.3	5	4.2	0.0	1.8
Ramsey	450	8.5	440	6.0	1.1	4.0
Red Lake	6	16.2	1	2.6	0.7	2.7
Redwood	11	6.0	7	3.2	0.3	2.2
Renville	15	7.3	10	4.5	0.8	5.8
Rice	74	9.7	46	5.7	1.0	3.5
Rock	13	11.5	7	5.4	0.3	1.8
Roseau	13	7.3	8	4.3	1.0	1.1
St. Louis	228	11.3	114	5.4	0.8	2.6
Scott	178	9.4	101	5.0	0.9	2.4
Sherburne	91	7.9	47	3.5	0.9	1.9
Sibley	9	5.0	7	3.3	1.0	1.1
Stearns	178	9.5	104	5.5	0.9	2.8
Steele	40	8.2	19	3.6	0.7	2.1
Stevens	8	6.8	3	2.5	0.6	1.7
Swift	2	1.9	3	2.8	0.9	1.0
Todd	24	8.5	8	2.6	0.8	1.8
Traverse	2	4.8	1	2.3	0.9	0.0
Wabasha	10	4.3	13	5.3	0.3	3.0
Wadena	13	6.9	14	7.2	2.1	5.3
Waseca	21	8.5	16	6.1	1.0	3.7
Washington	183	7.6	132	4.6	0.6	2.4
Watonwan	13	9.1	6	3.8	1.1	2.1
Wilkin	4	6.1	0	0.0	1.9	0.0
Winona	28	6.8	27	5.2	0.7	2.9
Wright	147	8.5	83	4.0	0.8	2.3
Yellow Medicine	5	5.0	6	4.6	0.8	1.0

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, 2002-2006**

	Number of Infant Deaths 2006	Infant Mortality Rate 2002-2006	Neonatal Mortality 2002-2006	Post-neonatal Mortality Rate 2002-2006	Fetal Death Rate 2002-2006	Perinatal Death Rate 2002-2006
State of Minnesota	381	5.0	3.3	1.7	4.8	6.2
Aitkin	0	*	*	0.0	*	*
Anoka	19	4.5	3.0	1.5	4.8	6.2
Becker	5	*	*	*	*	*
Beltrami	7	7.4	*	*	6.7	8.3
Benton	4	8.1	*	*	*	9.1
Big Stone	0	*	*	0.0	*	*
Blue Earth	4	*	*	*	*	*
Brown	0	*	*	*	*	*
Carlton	0	*	*	*	*	*
Carver	6	*	*	*	4.5	4.7
Cass	3	*	*	*	*	*
Chippewa	0	*	*	0.0	*	*
Chisago	10	*	*	*	*	5.6
Clay	12	7.9	*	*	*	*
Clearwater	1	*	*	0.0	*	*
Cook	0	0.0	0.0	0.0	*	*
Cottonwood	0	*	*	0.0	*	*
Crow Wing	6	6.6	*	*	*	5.5
Dakota	22	5.0	3.6	1.4	4.8	6.6
Dodge	0	*	*	*	*	*
Douglas	2	*	*	*	*	*
Faribault	2	*	*	*	*	*
Fillmore	1	*	*	*	*	*
Freeborn	3	*	*	*	*	*
Goodhue	2	*	*	*	*	*
Grant	0	0.0	0.0	0.0	*	*
Hennepin	82	5.0	3.3	1.7	5.4	6.4
Houston	1	*	*	*	*	*
Hubbard	0	*	*	*	*	*
Isanti	7	*	*	*	*	8.4
Itasca	4	*	*	*	*	*
Jackson	1	*	*	*	*	*
Kanabec	0	*	*	*	*	*
Kandiyohi	3	*	*	*	*	*
Kittson	0	0.0	0.0	0.0	*	*
Koochiching	0	*	*	*	*	*
Lac Qui Parle	3	*	*	*	*	*
Lake	2	*	*	0.0	*	*
Lake of the Woods	0	*	*	0.0	*	*
Le Sueur	1	*	*	0.0	*	*
Lincoln	0	*	*	0.0	*	*
Lyon	5	*	*	*	*	*
McLeod	1	*	*	*	*	*
Mahnomen	0	*	*	*	*	*
Marshall	0	*	*	*	*	*
Martin	1	*	*	*	*	*
Meeker	1	*	*	*	*	*
Mille Lacs	4	*	*	*	*	*
Morrison	2	*	*	*	*	*

**Nativity Table 3: Minnesota Infant Mortality by State and County,
By State and County, 2002-2006**

	Number of Infant Deaths 2006	Infant Mortality Rate 2002-2006	Neonatal Mortality 2002-2006	Post-neonatal Mortality Rate 2002-2006	Fetal Death Rate 2002-2006	Perinatal Death Rate 2002-2006
State of Minnesota	381	5.0	3.3	1.7	4.8	6.2
Mower	2	*	*	*	9.5	9.9
Murray	1	*	*	0.0	*	*
Nicollet	2	*	*	*	*	*
Nobles	2	*	*	*	*	*
Norman	0	*	*	0.0	*	*
Olmsted	10	4.9	3.0	1.9	4.4	5.9
Otter Tail	0	*	*	*	*	*
Pennington	0	*	*	*	*	*
Pine	1	*	*	*	*	*
Pipestone	0	*	*	0.0	*	*
Polk	4	*	*	*	*	*
Pope	0	0.0	0.0	0.0	*	*
Ramsey	56	6.0	3.5	2.4	4.6	5.8
Red Lake	0	*	*	*	*	*
Redwood	0	*	*	*	*	*
Renville	0	*	*	*	*	*
Rice	2	*	*	*	6.2	7.2
Rock	0	*	*	*	*	*
Roseau	1	*	*	*	*	*
St. Louis	13	5.1	3.8	*	4.8	7.2
Scott	10	2.9	2.2	*	4.8	5.4
Sherburne	6	5.0	3.3	*	3.7	5.0
Sibley	0	*	*	*	*	*
Stearns	11	4.9	3.5	*	4.4	6.4
Steele	0	*	*	*	*	*
Stevens	1	*	*	*	*	*
Swift	0	*	*	0.0	*	*
Todd	0	*	*	*	*	*
Traverse	0	0.0	0.0	0.0	*	*
Wabasha	0	*	*	*	*	*
Wadena	3	*	*	*	*	*
Waseca	1	*	*	*	*	*
Washington	14	4.6	2.8	1.8	4.0	5.5
Watsonwan	2	*	*	*	*	*
Wilkin	0	*	*	0.0	*	*
Winona	6	*	*	*	*	7.5
Wright	6	4.0	2.9	*	4.9	6.0
Yellow Medicine	0	*	0.0	*	*	*

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, 2006**

	Percent of Prenatal Care Received in 1st Trimester	Percent Adequacy of Prenatal Care, GINDEX		
		Adequate or Better	Intermediate	Inadequate or None
State of Minnesota	86.5	79.2	17.4	3.4
Aitkin	89.4	76.6	19.0	4.4
Anoka	86.2	78.3	18.1	3.6
Becker	83.7	80.0	17.8	2.2
Beltrami	72.6	60.5	34.4	5.2
Benton	89.3	86.1	11.7	2.2
Big Stone	75.9	71.7	24.5	3.8
Blue Earth	90.1	86.8	10.5	2.7
Brown	90.6	89.7	8.7	1.7
Carlton	90.2	80.7	15.9	3.5
Carver	92.3	88.5	9.7	1.8
Cass	73.5	56.3	32.3	11.4
Chippewa	87.7	88.0	10.4	1.6
Chisago	89.3	85.3	11.8	2.9
Clay	83.7	75.7	19.0	5.3
Clearwater	69.9	60.7	35.5	3.7
Cook	80.9	62.2	31.1	6.7
Cottonwood	85.8	76.1	20.9	3.0
Crow Wing	84.7	65.5	31.1	3.4
Dakota	88.1	78.8	18.0	3.1
Dodge	95.6	90.8	7.7	1.5
Douglas	89.5	82.2	16.8	1.0
Faribault	88.3	90.3	7.6	2.1
Fillmore	82.1	74.5	12.8	12.8
Freeborn	85.2	84.7	13.4	1.9
Goodhue	86.6	83.2	13.0	3.8
Grant	93.8	83.1	15.5	1.4
Hennepin	85.2	77.2	18.1	4.8
Houston	85.1	73.7	21.8	4.5
Hubbard	76.9	63.2	34.3	2.5
Isanti	88.9	84.9	12.5	2.5
Itasca	85.6	75.5	21.3	3.1
Jackson	90.7	83.5	15.5	1.0
Kanabec	85.0	78.4	19.0	2.6
Kandiyohi	86.3	82.1	15.6	2.4
Kittson	78.0	77.1	20.0	2.9
Koochiching	81.6	62.6	33.3	4.0
Lac Qui Parle	87.5	72.7	27.3	0.0
Lake	92.1	74.7	23.2	2.1
Lake of the Woods	83.8	79.4	17.6	2.9
Le Sueur	90.5	84.6	13.8	1.6
Lincoln	88.4	51.7	40.0	8.3
Lyon	83.3	66.0	30.2	3.8
McLeod	90.4	84.9	14.3	0.8
Mahnomen	72.5	70.1	20.9	9.0
Marshall	79.8	82.2	15.1	2.7
Martin	86.0	84.8	13.0	2.2
Meeker	84.5	77.5	19.4	3.1
Mille Lacs	83.3	73.3	19.5	7.2
Morrison	90.3	85.2	12.6	2.2
Mower	68.2	68.3	28.8	2.9
Murray	79.5	74.3	17.6	8.1
Nicollet	88.8	88.2	10.0	1.8

**Nativity Table 4: Prenatal Care in Minnesota
By State and County, 2006**

	Percent of Prenatal Care Received in 1st Trimester	Percent Adequacy of Prenatal Care, GINDEX		
		Adequate or Better	Intermediate	Inadequate or None
State of Minnesota	86.5	79.2	17.4	3.4
Nobles	79.2	73.2	22.7	4.1
Norman	85.5	70.0	26.0	4.0
Olmsted	94.2	89.5	9.2	1.3
Otter Tail	91.3	88.2	9.9	1.8
Pennington	83.8	81.6	16.2	2.2
Pine	81.5	71.3	20.9	7.8
Pipestone	87.9	65.6	32.8	1.6
Polk	82.8	59.4	36.3	4.3
Pope	83.3	76.8	21.4	1.8
Ramsey	83.8	79.3	16.9	3.9
Red Lake	79.5	63.6	36.4	0.0
Redwood	82.0	76.1	19.4	4.4
Renville	84.8	78.4	18.1	3.4
Rice	82.5	76.4	20.2	3.4
Rock	90.9	50.4	46.0	3.5
Roseau	81.8	75.1	23.2	1.7
St. Louis	88.7	79.5	17.4	3.1
Scott	89.1	76.3	21.2	2.5
Sherburne	89.7	80.6	17.4	2.0
Sibley	84.1	78.2	19.6	2.2
Stearns	87.5	83.7	14.5	1.7
Steele	84.0	81.7	16.8	1.5
Stevens	89.3	77.1	20.3	2.5
Swift	92.6	87.1	7.9	5.0
Todd	75.4	69.4	24.5	6.1
Traverse	77.3	61.9	23.8	14.3
Wabasha	91.3	86.6	10.8	2.6
Wadena	87.6	74.7	24.2	1.1
Waseca	87.6	82.5	13.8	3.7
Washington	92.4	87.6	10.9	1.4
Watonwan	77.7	73.0	24.1	2.8
Wilkin	94.1	88.7	9.7	1.6
Winona	86.0	80.5	13.0	6.5
Wright	88.9	80.1	17.5	2.3
Yellow Medicine	84.2	77.8	20.2	2.0

Source: Minnesota Department of Health, Center for Health Statistics

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

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

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

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

**Nativity Table 5: Obstetric Procedures in Minnesota
By State and County, 2006**

	Cesarean Births - Percent	First Time Cesarean Births - Percent	Repeat Cesarean - Percent	Electric Fetal Monitoring - Percent	Ultrasound - Percent
State of Minnesota	25.5	15.0	90.4	81.5	53.1
Aitkin	29.6	13.6	92.9	77.2	61.7
Anoka	24.5	14.6	90.7	75.8	61.2
Becker	19.4	11.6	87.2	73.8	43.8
Beltrami	31.6	15.2	91.5	97.0	95.9
Benton	25.2	13.2	97.4	90.5	94.5
Big Stone	29.6	13.0	100.0	51.9	33.3
Blue Earth	27.0	16.9	87.9	92.9	39.1
Brown	31.1	17.5	93.8	45.3	71.0
Carlton	32.4	18.9	89.2	88.8	59.9
Carver	28.0	15.7	92.2	84.0	53.4
Cass	25.9	14.3	87.8	86.0	84.1
Chippewa	33.3	21.8	87.0	73.0	50.6
Chisago	25.6	15.1	94.8	79.9	67.2
Clay	23.6	16.1	98.3	1.5	1.2
Clearwater	27.6	13.4	100.0	87.4	85.8
Cook	27.7	23.4	66.7	63.8	57.4
Cottonwood	40.4	17.1	97.1	75.3	62.3
Crow Wing	19.0	9.9	78.7	84.7	81.0
Dakota	26.6	15.4	92.4	87.1	31.6
Dodge	23.6	12.1	91.9	94.9	69.0
Douglas	25.9	15.0	88.5	95.5	95.0
Faribault	35.4	19.5	100.0	67.7	73.2
Fillmore	20.8	11.0	84.8	83.0	43.8
Freeborn	28.6	14.3	91.5	91.5	72.0
Goodhue	27.1	15.0	94.8	82.4	37.8
Grant	31.3	20.0	81.8	83.8	90.0
Hennepin	24.6	15.4	88.3	87.3	47.7
Houston	20.4	12.5	83.3	92.2	53.7
Hubbard	29.7	17.8	82.4	54.7	47.5
Isanti	24.0	13.9	91.5	86.7	74.3
Itasca	28.2	14.4	97.3	77.2	52.1
Jackson	33.3	22.2	92.3	85.2	67.6
Kanabec	27.6	13.8	100.0	83.3	81.9
Kandiyohi	21.9	10.7	90.7	97.0	87.7
Kittson	28.6	23.8	100.0	42.9	47.6
Koochiching	37.7	14.9	96.3	59.6	58.8
Lac Qui Parle	33.3	14.7	82.4	48.0	52.0
Lake	32.0	18.4	100.0	95.1	80.6
Lake of the Woods	23.7	13.2	100.0	73.7	92.1
Le Sueur	24.9	13.4	92.0	91.8	44.8
Lincoln	27.1	12.9	90.9	45.7	35.7
Lyon	30.9	16.8	84.4	69.6	51.0
McLeod	23.3	10.3	91.3	86.9	59.9
Mahnomen	25.3	10.8	92.3	79.5	49.4
Marshall	29.5	21.1	88.9	22.1	30.5
Martin	29.3	18.8	88.9	93.9	90.8
Meeker	26.0	14.2	84.4	89.8	61.9
Mille Lacs	30.2	15.6	98.2	78.4	51.8
Morrison	22.6	13.3	93.2	84.4	64.3
Mower	32.0	16.5	94.7	94.6	90.3
Murray	34.1	19.3	86.7	77.3	50.0

**Nativity Table 5: Obstetric Procedures in Minnesota
By State and County, 2006**

	Cesarean Births - Percent	First Time Cesarean Births - Percent	Repeat Cesarean - Percent	Electric Fetal Monitoring - Percent	Ultrasound - Percent
State of Minnesota	25.5	15.0	90.4	81.5	53.1
Nicollet	31.2	21.0	93.8	87.2	44.9
Nobles	26.2	16.6	97.1	76.2	52.0
Norman	21.7	20.0	100.0	16.7	16.7
Olmsted	23.6	13.2	88.5	95.3	64.2
Otter Tail	21.4	10.0	93.5	81.3	78.5
Pennington	37.0	23.0	96.6	59.5	75.5
Pine	23.7	13.5	94.9	84.6	55.9
Pipestone	30.8	16.1	91.3	46.2	32.9
Polk	29.9	16.5	98.1	43.0	46.1
Pope	25.8	11.7	81.0	75.0	87.5
Ramsey	20.5	13.3	84.5	67.9	45.4
Red Lake	51.2	29.3	100.0	61.0	73.2
Redwood	27.8	10.6	83.0	73.6	52.0
Renville	31.4	11.9	97.8	86.7	67.7
Rice	29.5	13.4	97.8	95.6	57.1
Rock	26.1	17.9	78.6	40.3	19.4
Roseau	35.4	19.0	97.0	77.4	90.8
St. Louis	31.8	19.9	92.9	89.9	69.2
Scott	27.2	17.1	90.3	90.6	40.3
Sherburne	26.7	16.3	91.7	71.0	53.3
Sibley	23.7	10.2	96.7	82.3	54.4
Stearns	25.9	14.0	92.5	86.2	91.3
Steele	31.2	16.6	97.5	95.0	88.2
Stevens	36.1	12.3	87.9	48.4	73.0
Swift	27.0	9.9	100.0	79.3	76.6
Todd	19.7	9.1	85.0	74.0	71.8
Traverse	25.0	11.4	100.0	45.5	45.5
Wabasha	25.8	12.5	85.0	89.5	62.9
Wadena	20.9	13.8	60.9	81.6	57.7
Waseca	29.8	16.9	89.7	93.8	61.0
Washington	25.8	15.3	90.5	79.3	38.2
Watsonwan	26.3	13.1	87.5	76.9	48.8
Wilkin	35.1	16.2	100.0	44.6	35.1
Winona	17.8	10.6	92.9	84.2	56.3
Wright	26.0	15.5	92.6	76.4	30.0
Yellow Medicine	45.5	25.4	100.0	44.0	60.4

Source: Minnesota Department of Health, Center for Health Statistics

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

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

**Nativity Table 6: Fertility and Family Planning in
By State and County, 2006**

	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	86,814	80.8	12,948	12.0	4.7	3.7
Aitkin	174	66.8	12	*	5.6	3.1
Anoka	5,409	76.0	917	12.9	3.9	3.9
Becker	446	72.5	10	*	7.7	2.8
Beltrami	772	78.5	42	4.3	6.2	3.3
Benton	684	74.0	61	6.6	3.5	3.9
Big Stone	54	65.2	0	0.0	9.3	4.8
Blue Earth	924	65.6	131	9.3	3.3	5.4
Brown	360	74.2	27	5.6	4.2	2.1
Carlton	478	72.2	49	7.4	4.0	3.6
Carver	1,496	73.4	154	7.3	2.4	3.6
Cass	407	74.0	33	6.0	8.1	5.0
Chippewa	186	84.9	11	*	5.2	3.3
Chisago	774	68.1	73	6.3	4.2	2.6
Clay	768	57.8	11	*	3.3	2.6
Clearwater	130	85.6	**	*	11.0	1.3
Cook	59	63.5	12	*	0.0	4.8
Cottonwood	153	79.9	6	*	11.0	1.9
Crow Wing	913	74.5	100	8.2	4.8	3.5
Dakota	6,741	79.2	1,050	12.3	3.3	3.6
Dodge	322	77.3	25	6.0	3.4	3.6
Douglas	445	64.4	22	3.2	1.7	4.7
Faribault	182	74.8	16	*	6.1	6.9
Fillmore	311	81.8	28	7.4	8.1	4.5
Freeborn	413	74.1	35	6.3	3.7	1.3
Goodhue	665	76.0	63	7.2	3.2	4.4
Grant	84	80.1	**	*	3.8	8.8
Hennepin	21,669	93.9	4,801	20.8	4.9	3.9
Houston	270	72.1	15	*	4.7	3.2
Hubbard	243	71.4	7	*	3.6	1.5
Isanti	605	66.9	70	7.8	4.3	2.9
Itasca	572	71.1	53	6.5	5.1	2.8
Jackson	116	60.0	8	*	2.8	0.0
Kanabec	233	69.3	21	6.2	2.9	4.3
Kandiyohi	649	84.7	39	5.1	5.3	2.3
Kittson	42	65.3	0	0.0	2.4	0.0
Koochiching	131	57.3	14	*	7.9	2.5
Lac Qui Parle	75	69.1	0	0.0	9.3	4.0
Lake	116	59.0	11	*	6.8	3.4
Lake of the Woods	38	52.5	0	0.0	2.6	6.3
Le Sueur	444	77.7	42	7.2	4.5	1.2
Lincoln	71	76.0	**	*	4.3	2.2
Lyon	406	79.8	22	4.3	4.8	1.8
McLeod	604	79.8	40	5.3	4.1	3.1
Mahnomen	88	104.4	**	*	10.8	3.8
Marshall	95	57.4	0	0.0	5.3	0.0
Martin	248	75.8	17	*	0.4	4.4
Meeker	337	77.5	14	*	7.4	3.0
Mille Lacs	424	76.2	50	9.0	5.1	6.1
Morrison	466	73.5	20	3.2	4.5	4.8
Mower	642	92.5	61	8.8	4.9	4.5
Murray	91	64.0	**	*	4.6	0.0

**Nativity Table 6: Fertility and Family Planning in
By State and County, 2006**

	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	86,814	80.8	12,948	12.0	4.7	3.7
Nicollet	513	72.7	70	9.8	2.7	5.0
Nobles	353	104.2	6	*	4.7	2.4
Norman	60	55.1	0	0.0	5.0	0.0
Olmsted	2,499	86.4	281	9.7	4.5	3.8
Otter Tail	644	62.9	8	*	4.0	3.5
Pennington	203	76.6	**	*	1.5	1.7
Pine	411	73.8	48	8.7	6.1	3.1
Pipestone	144	91.4	**	*	5.7	4.8
Polk	398	68.0	**	*	6.6	3.2
Pope	127	63.5	**	*	6.7	2.6
Ramsey	9,847	97.3	2,228	22.0	6.8	4.2
Red Lake	44	60.0	**	*	2.4	7.7
Redwood	244	94.3	16	*	8.0	4.1
Renville	239	85.1	13	*	3.5	0.7
Rice	934	66.0	83	5.7	4.3	2.8
Rock	135	80.8	**	*	3.8	2.5
Roseau	201	64.2	6	*	4.6	3.8
St. Louis	2,592	67.2	414	10.7	3.9	4.0
Scott	2,408	79.0	279	9.0	3.5	3.7
Sherburne	1,529	74.3	136	6.6	4.7	3.6
Sibley	221	78.1	6	*	4.2	3.8
Stearns	2,228	68.1	229	7.0	4.9	4.9
Steele	585	78.7	42	5.7	5.8	2.6
Stevens	129	57.3	7	*	4.9	3.8
Swift	118	77.4	7	*	4.5	2.7
Todd	330	73.1	10	*	10.3	3.8
Traverse	44	76.7	0	0.0	9.1	0.0
Wabasha	285	66.9	27	6.1	3.1	1.9
Wadena	201	86.0	**	*	7.7	0.8
Waseca	302	86.8	30	8.4	2.9	2.4
Washington	3,489	72.8	519	10.7	3.2	3.9
Watonwan	174	93.1	12	*	6.3	1.1
Wilkin	75	63.9	0	0.0	6.8	0.0
Winona	587	50.4	47	4.1	5.4	2.9
Wright	2,349	87.1	186	6.9	5.5	3.7
Yellow Medicine	146	83.8	11	*	11.2	2.3

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, 2004-2006**

corrected 01/18/08^

	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	13.3	47.0	26.9	19.0	63.7	37.6
Aitkin	*	71.0	35.1	*	80.9	39.7
Anoka	8.4	44.8	20.4	14.8	68.9	33.3
Becker	12.9	62.3	29.5	13.4	63.1	31.2
Beltrami	30.2	82.0	54.7	33.9	87.6	60.1
Benton	15.9	72.4	36.3	18.9	83.6	43.0
Big Stone	*	*	*	*	*	*
Blue Earth	13.5	18.0	16.5	18.4	29.0	25.5
Brown	*	43.2	21.8	*	49.7	26.9
Carlton	11.6	67.4	31.9	19.1	82.0	42.0
Carver	5.2	27.6	12.7	9.4	38.0	19.4
Cass	29.6	128.3	61.3	35.6	141.0	70.5
Chippewa	*	72.1	35.2	*	86.0	42.8
Chisago	8.4	46.1	20.2	12.7	59.3	28.4
Clay	11.5	17.7	15.3	12.1	18.2	15.9
Clearwater	*	96.2	43.0	*	96.2	46.5
Cook	*	*	*	*	*	*
Cottonwood	*	*	24.7	*	*	25.5
Crow Wing	14.4	80.2	37.5	17.9	99.5	46.7
Dakota	7.4	43.1	19.3	13.3	63.4	30.7
Dodge	*	58.1	27.4	14.1	65.8	32.4
Douglas	*	50.8	23.3	*	55.7	26.6
Faribault	*	53.4	30.2	20.8	73.7	40.5
Fillmore	*	50.9	21.1	*	66.2	28.0
Freeborn	19.8	85.2	42.0	25.2	94.7	48.7
Goodhue	10.9	54.1	26.4	14.5	70.0	34.7
Grant	*	*	*	*	*	*
Hennepin	17.2	52.4	31.3	27.2	81.4	49.7
Houston	*	38.6	20.1	*	42.2	22.8
Hubbard	*	69.1	31.5	*	70.6	32.0
Isanti	12.6	64.4	30.6	18.3	76.6	39.0
Itasca	13.1	51.3	27.2	14.8	60.4	32.8
Jackson	*	*	17.4	*	*	17.4
Kanabec	*	69.7	31.3	*	86.7	40.1
Kandiyohi	23.2	84.2	46.2	24.6	93.5	51.1
Kittson	*	*	*	*	*	*
Koochiching	*	*	20.8	*	48.0	28.4
Lac Qui Parle	*	*	*	*	*	*
Lake	*	*	22.1	*	60.8	29.8
Lake of the Woods	*	*	*	*	*	*
Le Sueur	12.5	46.3	24.6	16.6	56.5	31.0
Lincoln	*	*	*	*	*	*
Lyon	*	26.2	18.2	13.2	31.0	22.5
McLeod	17.1	64.6	33.5	21.5	79.8	41.8
Mahnomen	*	201.3	87.9	*	214.8	93.8
Marshall	*	*	*	*	*	*
Martin	14.9	66.0	33.1	16.4	72.8	37.5
Meeker	*	76.1	32.9	*	77.3	34.2
Mille Lacs	13.3	89.5	39.0	19.9	105.9	50.0
Morrison	11.4	68.7	31.9	15.3	72.6	36.7
Mower	23.4	86.0	45.6	27.8	100.7	55.2
Murray	*	*	28.8	*	66.7	32.3

**Natality Table 7: Minnesota Teen Birth and Pregnancy Rates
By State and County, 2004-2006**

corrected 01/18/08[^]

	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	13.3	47.0	26.9	19.0	63.7	37.6
Nicollet	*	22.7	17.8	16.7	31.3	26.3
Nobles	25.5	112.9	56.7	25.5	115.5	59.1
Norman	*	*	*	*	*	*
Olmsted	12.0	50.2	25.3	15.6	70.2	35.1
Otter Tail	6.9	54.2	24.3	7.7	56.0	26.2
Pennington	*	45.4	25.0	*	45.4	26.4
Pine	12.4	81.1	34.8	19.1	95.0	43.8
Pipestone	*	66.5	34.7	*	66.5	35.8
Polk	16.8	52.1	31.0	16.8	52.8	31.3
Pope	*	*	*	*	*	18.7
Ramsey	24.0	56.2	38.4	33.3	81.9	55.8
Red Lake	*	*	*	*	*	*
Redwood	*	40.5	20.0	*	52.4	25.9
Renville	*	80.1	36.2	*	87.6	39.9
Rice	12.4	26.7	20.4	16.6	33.0	26.8
Rock	*	*	21.3	*	*	21.3
Roseau	*	66.7	27.2	*	73.5	29.4
St. Louis	14.8	31.8	23.7	20.2	43.0	32.6
Scott	8.7	39.3	18.4	14.5	56.9	28.9
Sherburne	7.3	42.4	19.4	11.7	54.5	26.5
Sibley	*	77.7	37.0	18.9	81.3	40.0
Stearns	10.7	23.6	17.6	13.0	33.6	24.5
Steele	14.8	69.6	34.1	19.2	77.7	40.3
Stevens	*	*	*	*	*	*
Swift	*	66.5	27.1	*	75.9	30.2
Todd	14.2	73.4	34.6	15.7	78.4	37.7
Traverse	*	*	*	*	*	*
Wabasha	*	55.6	24.6	*	69.8	32.4
Wadena	*	64.7	35.0	*	69.0	36.4
Waseca	*	80.1	35.3	*	84.8	36.9
Washington	5.8	32.1	14.8	10.8	52.1	25.4
Watonwan	*	99.3	48.0	*	106.7	54.1
Wilkin	*	*	*	*	*	*
Winona	11.9	15.0	14.0	14.6	19.3	18.0
Wright	8.3	51.8	22.4	12.9	67.0	31.4
Yellow Medicine	*	*	21.2	*	52.0	28.0

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.

[^]Sherburne county rates were corrected.

**Nativity Table 8: Socio-Demographic Factors Related to Birth Outcomes in Minnesota
By State and County, 2006**

	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	31.7	9.4	9.3	10.2	26.8	63.0
Aitkin	38.9	3.7	33.1	9.3	41.6	49.1
Anoka	28.4	8.2	7.2	6.7	29.4	63.8
Becker	37.5	9.7	16.9	11.1	35.5	53.4
Beltrami	54.1	21.9	27.9	17.0	36.3	46.7
Benton	33.5	6.6	18.7	5.0	25.6	69.4
Big Stone	24.1	1.9	9.3	16.0	22.0	62.0
Blue Earth	34.0	9.3	9.3	6.6	20.7	72.8
Brown	32.6	10.3	13.6	6.4	30.6	63.0
Carlton	35.0	7.0	21.7	7.2	32.2	60.5
Carver	13.6	3.7	3.4	3.8	18.8	77.5
Cass	49.1	15.9	35.0	16.1	40.3	43.6
Chippewa	39.7	12.6	13.5	10.4	31.1	58.5
Chisago	24.4	6.8	15.7	5.1	27.3	67.6
Clay	24.7	8.9	10.6	2.9	22.2	74.8
Clearwater	40.2	13.4	22.2	19.7	30.7	49.6
Cook	31.9	4.3	19.1	6.4	27.7	66.0
Cottonwood	34.2	6.8	11.6	17.4	35.6	47.0
Crow Wing	36.2	8.6	24.2	8.5	28.9	62.7
Dakota	25.4	6.9	4.8	6.7	20.9	72.4
Dodge	25.9	9.4	9.4	8.8	28.1	63.1
Douglas	27.8	2.9	14.5	4.8	26.7	68.6
Faribault	35.4	7.9	13.5	8.6	28.2	63.2
Fillmore	24.0	9.2	10.3	16.2	28.1	55.8
Freeborn	41.0	11.4	10.1	13.3	36.1	50.7
Goodhue	31.9	5.3	14.1	6.7	37.1	56.3
Grant	25.0	6.3	11.3	0.0	25.3	74.7
Hennepin	34.2	12.2	3.9	14.3	24.4	61.4
Houston	26.3	25.9	18.1	4.8	25.4	69.8
Hubbard	34.7	9.3	20.9	12.4	35.2	52.4
Isanti	33.8	5.4	17.0	5.9	38.8	55.3
Itasca	36.0	11.5	21.3	7.9	32.2	59.9
Jackson	24.1	1.9	13.9	7.9	27.7	64.4
Kanabec	38.1	9.5	26.4	9.2	42.7	48.1
Kandiyohi	35.0	11.3	9.7	20.2	29.5	50.2
Kittson	11.9	7.1	4.8	2.4	21.4	76.2
Koochiching	42.1	10.5	23.4	8.0	36.3	55.8
Lac Qui Parle	33.3	4.0	24.7	10.3	27.9	61.8
Lake	21.4	1.9	16.8	5.8	31.1	63.1
Lake of the Woods	28.9	2.6	13.2	2.6	34.2	63.2
Le Sueur	27.1	6.7	9.1	8.8	27.3	64.0
Lincoln	14.3	8.6	14.3	11.6	32.6	55.8
Lyon	30.6	8.1	14.5	12.2	19.4	68.4
McLeod	28.1	6.6	10.6	8.7	35.1	56.1
Mahnomen	68.7	19.3	33.8	19.8	43.2	37.0
Marshall	22.1	11.6	7.4	0.0	28.1	71.9
Martin	37.6	6.1	15.3	11.0	41.7	47.4
Meeker	29.1	5.9	20.3	10.9	30.5	58.6
Mille Lacs	40.2	7.8	18.9	11.9	34.1	53.9
Morrison	35.0	4.7	19.3	5.2	34.7	60.1

**Nativity Table 8: Socio-Demographic Factors Related to Birth Outcomes in Minnesota
By State and County, 2006**

	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	31.7	9.4	9.3	10.2	26.8	63.0
Mower	43.1	15.1	16.5	25.5	28.5	46.0
Murray	29.5	10.2	16.1	10.7	26.7	62.7
Nicollet	29.2	10.0	6.7	8.4	23.1	68.5
Nobles	45.3	10.8	7.0	41.7	29.0	29.3
Norman	31.7	10.0	15.0	5.2	29.3	65.5
Olmsted	27.4	7.2	6.3	9.6	23.3	67.1
Otter Tail	26.4	5.5	13.5	9.2	29.7	61.1
Pennington	41.0	9.0	23.5	6.0	34.0	60.0
Pine	43.3	10.7	23.9	13.4	37.8	48.7
Pipestone	25.2	7.0	19.6	12.1	23.2	64.6
Polk	32.7	5.8	11.6	6.8	31.5	61.7
Pope	29.2	4.2	13.4	4.2	30.8	65.0
Ramsey	43.2	15.9	6.8	15.0	30.2	54.7
Red Lake	39.0	7.3	9.8	10.3	30.8	59.0
Redwood	35.7	5.3	19.6	8.2	42.0	49.8
Renville	37.6	11.9	15.5	11.9	36.7	51.3
Rice	36.2	10.6	13.2	15.1	32.3	52.6
Rock	26.9	6.0	9.8	7.9	32.9	59.2
Roseau	35.4	9.2	15.4	5.1	36.9	57.9
St. Louis	39.4	8.1	22.6	8.8	27.5	63.7
Scott	18.5	5.1	3.7	4.1	19.1	76.9
Sherburne	20.6	3.7	10.2	4.0	26.3	69.7
Sibley	29.3	9.3	8.4	16.8	29.0	54.2
Stearns	27.1	5.4	11.4	9.0	23.4	67.6
Steele	35.7	13.3	16.1	13.4	30.0	56.5
Stevens	22.1	4.9	11.5	5.9	21.8	72.3
Swift	32.4	9.0	18.0	9.0	27.0	64.0
Todd	33.2	3.8	13.5	17.9	35.5	46.5
Traverse	18.2	9.1	9.1	6.1	30.3	63.6
Wabasha	24.2	4.7	11.0	6.3	29.0	64.7
Wadena	35.2	8.2	22.1	5.7	39.9	54.4
Waseca	34.9	10.3	13.7	9.3	31.2	59.5
Washington	22.2	4.8	5.2	3.5	21.0	75.5
Watonwan	40.0	10.0	10.0	19.4	30.6	50.0
Wilkin	14.9	1.4	9.5	5.5	19.2	75.3
Winona	29.4	11.2	8.8	6.6	27.5	65.9
Wright	18.7	4.3	8.5	4.5	25.9	69.6
Yellow Medicine	32.8	9.0	22.6	8.0	36.0	56.0

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, 2006**

	Race of Mother - Percent					Ethnicity of Mother - Percent	
	White**	African American	American Indian	Asian	Unknown / Other**	Hispanic (any race)	Not Hispanic
State of Minnesota	75.6	8.7	2.1	6.2	7.4	8.3	91.7
Aitkin	90.7	0.0	8.0	0.6	0.6	1.9	98.1
Anoka	80.3	6.6	0.7	6.9	5.5	5.7	94.3
Becker	85.4	0.7	12.3	0.2	1.4	1.6	98.4
Beltrami	57.0	0.8	41.0	0.4	0.8	0.3	99.7
Benton	94.8	2.6	0.3	1.1	1.1	2.1	97.9
Big Stone	100.0	0.0	0.0	0.0	0.0	1.9	98.1
Blue Earth	90.5	4.4	0.6	1.9	2.5	2.3	97.7
Brown	97.6	0.3	0.3	0.3	1.5	6.6	93.4
Carlton	90.4	0.2	7.9	0.9	0.5	1.9	98.1
Carver	87.7	1.6	0.4	4.1	6.1	6.2	93.8
Cass	68.5	0.3	28.0	0.5	2.7	1.1	98.9
Chippewa	84.5	0.6	1.1	1.1	12.6	14.0	86.0
Chisago	96.0	0.4	0.1	1.0	2.4	2.4	97.6
Clay	87.8	0.8	2.2	1.2	7.9	6.0	94.0
Clearwater	75.6	0.0	22.8	0.0	1.6	0.8	99.2
Cook	78.7	0.0	12.8	2.1	6.4	6.4	93.6
Cottonwood	80.8	0.0	1.4	4.1	13.7	17.1	82.9
Crow Wing	96.6	0.1	1.7	1.0	0.6	1.0	99.0
Dakota	76.0	7.2	0.7	6.5	9.6	9.4	90.6
Dodge	98.3	0.0	0.0	0.0	1.7	6.1	93.9
Douglas	96.9	0.2	0.7	1.7	0.5	1.2	98.8
Faribault	90.2	0.0	1.2	0.0	8.5	11.0	89.0
Fillmore	98.9	0.0	0.0	0.7	0.4	0.4	99.6
Freeborn	83.3	1.9	0.0	1.1	13.8	14.6	85.4
Goodhue	92.2	1.8	1.3	1.5	3.2	3.7	96.3
Grant	98.8	0.0	0.0	0.0	1.3	2.5	97.5
Hennepin	56.7	20.1	1.8	8.6	12.8	13.1	86.9
Houston	96.9	2.7	0.4	0.0	0.0	0.0	100.0
Hubbard	96.2	0.4	2.5	0.0	0.8	1.3	98.7
Isanti	96.4	0.0	0.9	0.8	1.9	2.3	97.7
Itasca	88.9	0.2	8.8	0.4	1.8	1.6	98.4
Jackson	93.5	0.0	0.0	1.9	4.6	4.6	95.4
Kanabec	99.0	0.0	0.0	0.0	1.0	1.0	99.0
Kandiyohi	95.6	2.8	0.7	0.2	0.8	24.0	76.0
Kittson	95.2	0.0	0.0	2.4	2.4	2.4	97.6
Koochiching	93.9	0.0	4.4	0.9	0.9	2.6	97.4
Lac Qui Parle	94.7	1.3	0.0	0.0	4.0	5.3	94.7
Lake	99.0	0.0	0.0	0.0	1.0	1.0	99.0
Lake of the Woods	94.7	2.6	2.6	0.0	0.0	2.7	97.3
Le Sueur	88.1	0.0	0.5	0.7	10.7	11.7	88.3
Lincoln	98.6	1.4	0.0	0.0	0.0	0.0	100.0
Lyon	84.3	3.1	0.5	2.1	9.9	8.8	91.2
McLeod	87.4	0.9	0.2	2.3	9.2	9.6	90.4
Mahnomen	41.0	0.0	57.8	0.0	1.2	1.2	98.8
Marshall	94.7	1.1	0.0	0.0	4.2	7.4	92.6
Martin	95.2	0.4	0.0	1.3	3.1	5.3	94.7
Meeker	92.0	0.3	1.5	0.3	5.9	8.7	91.3
Mille Lacs	86.0	0.5	12.4	0.3	0.8	0.5	99.5
Morrison	97.1	0.5	0.7	0.5	1.4	1.1	98.9
Mower	71.8	3.0	0.5	3.1	21.6	25.0	75.0
Murray	93.2	0.0	1.1	0.0	5.7	5.7	94.3

**Nativity Table 9: Race and Ethnicity of Mother in Minnesota
By State and County, 2006**

	Race of Mother - Percent					Ethnicity of Mother - Percent	
	White**	African American	American Indian	Asian	Unknown / Other**	Hispanic (any race)	Not Hispanic
State of Minnesota	75.6	8.7	2.1	6.2	7.4	8.3	91.7
Nicollet	89.1	2.3	0.0	1.8	6.8	7.1	92.9
Nobles	48.5	2.6	1.7	3.8	43.3	44.5	55.5
Norman	90.0	0.0	0.0	0.0	10.0	11.7	88.3
Olmsted	80.6	8.0	0.2	8.5	2.7	6.2	93.8
Otter Tail	91.5	2.2	0.8	0.8	4.7	4.4	95.6
Pennington	92.5	1.5	4.0	0.0	2.0	2.5	97.5
Pine	90.6	0.3	6.6	1.4	1.1	1.2	98.8
Pipestone	92.3	0.7	2.1	1.4	3.5	2.8	97.2
Polk	92.4	0.8	1.8	0.5	4.6	8.7	91.3
Pope	100.0	0.0	0.0	0.0	0.0	0.8	99.2
Ramsey	51.7	19.2	1.4	18.0	9.7	11.3	88.7
Red Lake	95.1	2.4	0.0	0.0	2.4	0.0	100.0
Redwood	76.2	0.4	13.7	7.0	2.6	3.6	96.4
Renville	93.4	0.9	1.8	0.9	3.1	11.9	88.1
Rice	76.7	4.3	0.4	2.5	16.2	17.2	82.8
Rock	96.3	0.7	0.7	0.7	1.5	3.0	97.0
Roseau	94.9	0.0	2.6	1.5	1.0	0.5	99.5
St. Louis	91.2	2.1	4.4	1.1	1.2	1.0	99.0
Scott	81.0	2.9	1.3	8.1	6.8	6.1	93.9
Sherburne	95.1	0.9	0.1	2.2	1.6	1.9	98.1
Sibley	81.4	0.0	0.9	0.9	16.7	19.1	80.9
Stearns	90.2	4.7	0.3	2.1	2.8	4.8	95.2
Steele	81.9	6.8	0.2	0.6	10.5	11.6	88.4
Stevens	91.0	0.0	4.1	1.6	3.3	3.3	96.7
Swift	95.5	0.9	1.8	0.0	1.8	9.0	91.0
Todd	97.5	0.0	0.9	0.6	0.9	11.0	89.0
Traverse	72.7	0.0	18.2	0.0	9.1	7.0	93.0
Wabasha	97.3	0.4	0.0	0.4	2.0	5.5	94.5
Wadena	96.9	1.0	0.5	0.5	1.0	1.0	99.0
Waseca	90.4	1.8	0.4	0.4	7.0	8.1	91.9
Washington	81.8	4.6	0.4	9.3	3.9	4.0	96.0
Watonwan	76.9	0.0	1.3	0.6	21.3	32.7	67.3
Wilkin	100.0	0.0	0.0	0.0	0.0	5.4	94.6
Winona	93.3	1.1	0.2	1.5	3.9	4.5	95.5
Wright	94.3	1.2	0.3	1.9	2.3	2.9	97.1
Yellow Medicine	86.6	0.7	4.5	3.0	5.2	7.5	92.5

Source: Minnesota Department of Health, Center for Health Statistics