

# Wisconsin Births and Infant Deaths 1996

October 1997

Center for Health Statistics  
Division of Health  
Department of Health and Family Services

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## Introduction

This report presents information about births that occurred in 1996 to Wisconsin residents. Information from previous years is also presented to show changes over time. Included is information on the number and rate of births; demographic characteristics of the mother, such as age, race, marital status, education and number of other children; characteristics of pregnancy and delivery, including the trimester that prenatal care began, number of visits, and whether the mother smoked during pregnancy; and birthweight of the newborn. Also included is comparable information about infants who died before their first birthday and fetuses more than 20 weeks of gestation who were stillborn.

The indicators included in this report have been selected based on their availability from birth and infant death records and their use in identifying health risks, as determined by national and international studies. The data files used are: Wisconsin resident birth certificate file, matched birth-death file, and fetal death file. The tables and graphics presented were designed to make these indicators easily accessible, while allowing users flexibility. Most tables include the frequencies of events or conditions, along with percentages or rates. In general, bar graphs show cross-sectional data for 1996 (and comparative information for 1986 or 1992); line graphs show time trends, and vary in the years shown for comparison.

Chapter 69 of the Wisconsin Statutes mandates the Department of Health and Family Services to supervise and direct the collection of birth data from hospitals and birth attendants. The specific data items collected are agreed upon by all states in conjunction with the National Center for Health Statistics. A sample of the Wisconsin birth record is included in the Technical Notes (Page 77).

Since 1995, *Wisconsin Births and Infant Deaths* has contained information previously reported in *Maternal and Child Health Statistics* and the natality and infant mortality sections of *Vital Statistics*. To facilitate comparisons, the Technical Notes contain a crosswalk to provide guidance in locating information in this report that corresponds to data in previous reports.

Birth, death, hospitalization and other health-related information is also available on the Internet through the Department of Health and Family Services home page, at [www.dhfs.state.wi.us](http://www.dhfs.state.wi.us).

The Center acknowledges and thanks the Wisconsin hospitals and birth attendants who contributed birth information, and their counterparts in neighboring states who submitted out-of-state birth data for Wisconsin residents.

The Department of Health and Family Services produced this publication. Staff of the Vital Records and Statistics Unit, Center for Health Statistics, collected and compiled the birth, infant death and fetal death records. Jan Silbaugh prepared the report. Word processing and page layout were provided by Ann Coker. Yvonne Brandreth provided population estimates used in calculating rates. The entire project was under the supervision of Jane Kraus, Unit Chief, Vital Records and Statistical Unit.

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## Key Findings

- In 1996, there were 67,150 live births to Wisconsin residents, 343 fewer than in 1995. This marked the sixth consecutive year in which the number of births to Wisconsin residents declined.
- The 1996 crude birth rate was 13.0 births per 1,000 population, the lowest rate in 86 years of reporting Wisconsin birth rates. The preliminary United States crude birth rate for 1996 was 14.8 per 1,000 population.

The 1996 general fertility rate of 58.3 births per 1,000 Wisconsin females aged 15-44 was lower than the United States 1996 preliminary general fertility rate of 65.7 (see Technical Notes, Page 81).

- In 1996, the fertility rate for Wisconsin teens aged 15-19 was 37.6 births per 1,000 females in this age group (compared with 54.7 nationally). The Wisconsin teen fertility rate has decreased each year since 1992, and has generally been about two-thirds the national rate.
- Wisconsin age-specific fertility rates were also lower than the national rates for women aged 20-24 and ages 35 and older, while fertility rates among Wisconsin women aged 25-34 were slightly higher than national rates (see Page 10).
- From 1986 to 1996, the percent of total births that occurred among women aged 18-29 decreased, while the percent of births to teens less than 18 years old and women aged 30 and older increased.
- Twenty-eight percent of Wisconsin births in 1996 were to unmarried mothers, compared to 20 percent in 1986. This percentage increased within each race/ethnicity group during this time. The percentage of unmarried mothers in Wisconsin in 1996 was lower than the national rate of 32 percent. Compared to their national counterparts, however, Wisconsin black and Hispanic mothers are more likely to be unmarried.
- In both 1986 and 1996, 16 percent of women who gave birth had less than a high school education. Fifty percent of women who gave birth in 1996 had one year of college or more, compared to 39 percent in 1986.
- While the overall proportion of women who received first-trimester prenatal care remained roughly stable from 1986 to 1996, the proportion increased among teenagers, among females aged 40 and over, and within each race/ethnicity group.
- The proportion of females in Wisconsin who reported that they smoked during pregnancy decreased from 22 percent in 1992 to 18 percent in 1996.
- In Wisconsin, 4,222 infants weighed less than 2,500 grams (about 5.5 pounds) at birth, representing 6.3 percent of all births in 1996. This percentage was higher than in 1995 (6.0 percent), but about the same as in 1994 (6.4 percent). Preliminary national data indicate that 7.4 percent of all infants born in 1996 weighed less than 2,500 grams at birth.
- In Wisconsin, 492 infants (under age one) died in 1996, for an infant mortality rate of 7.3 deaths per 1,000 live births. The 1996 preliminary national infant mortality rate was 7.2 infant deaths per 1,000 live births, a record low.

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## Overview of Table and Figures

Data for 1996 and other relevant years are presented in three main sections: Statewide, Local and Regional, and Supplementary Tables. In this report, births are defined as live births. All data refer to Wisconsin residents unless otherwise noted.

The Local and Regional section contains information at various geographic levels: counties, selected cities, and Department of Health and Family Services and perinatal regions. (See Technical Notes for maps of these regions, Pages 75 and 76.) For comparison purposes, some tables show data from previous years.

All information is presented according to place of residence. This means that events have been assigned to the area where the person lives (usually legal residence), regardless where the event occurred. For births, the reference is to the residence of the mother. For deaths, the reference is to the residence of the infant.

For the first time, this report also includes a list of the ten most popular first names for newborns (see Page 8).

**Birth and Fertility Rates: Statewide.** This section covers information on the number of Wisconsin births, crude birth rates and general fertility rates for Wisconsin and the nation, and changes in age-specific fertility rates.

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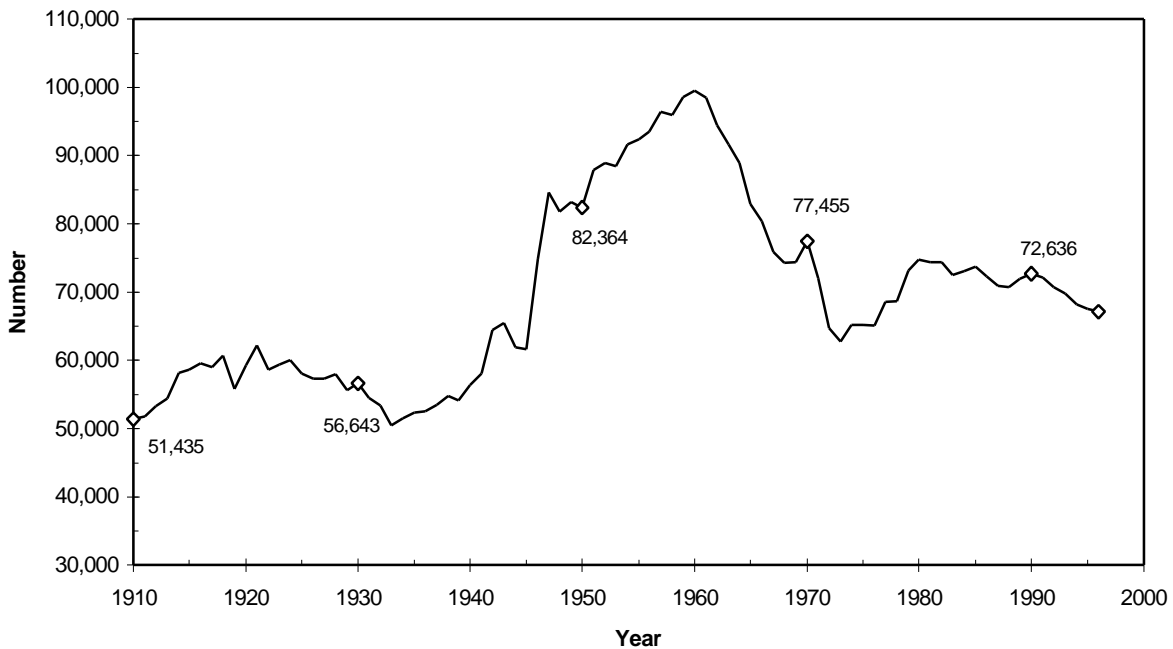
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**Ten Most Popular First Names for Newborns,  
Wisconsin, 1996**

<u><b>Females</b></u>	<u><b>Males</b></u>
1. Emily	1. Jacob
2. Samantha	2. Tyler
3. Hannah	3. Matthew
4. Ashley	4. Michael
5. Megan	5. Nicholas
6. Taylor	6. Austin
7. Elizabeth	7. Zachary
8. Rachel	8. Brandon
9. Jessica	9. Joseph
10. Kayla	10. Joshua

Note: This ranking counts each spelling as a separate name. The list would change somewhat if different spellings were grouped together and counted as one name. For example, counting Kaitlyn, Katelyn, Caitlin, and Kaitlin as one name would place it into the Top Ten list in 1996.

Figure 1. Number of Births to Wisconsin Residents, 1910-1996

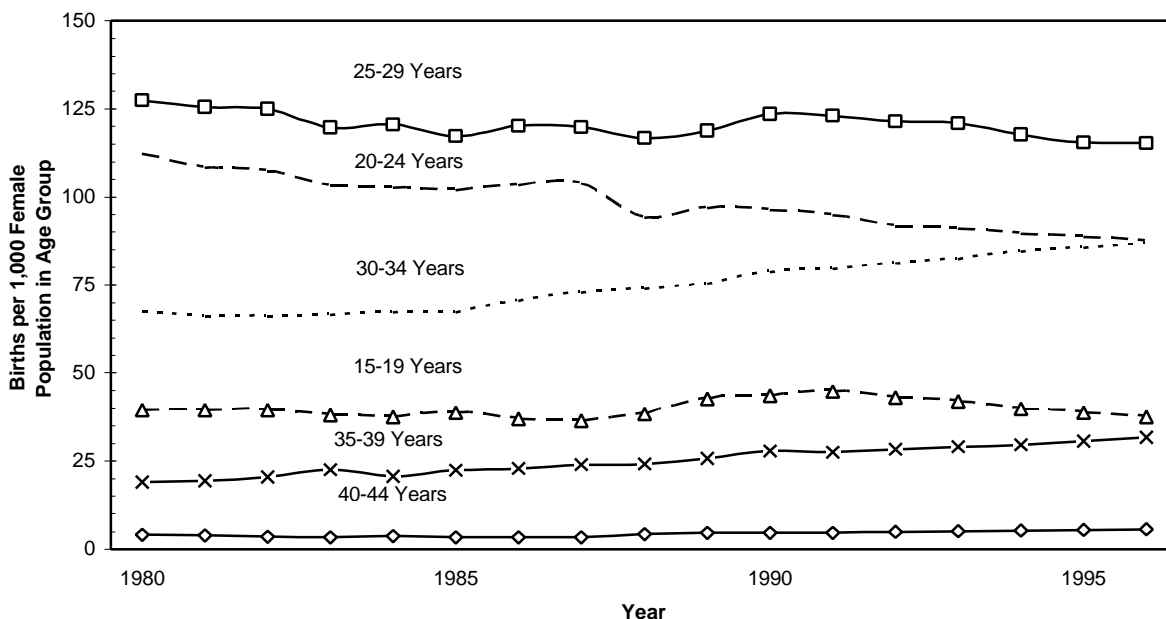


Note: A live birth is the complete expulsion or extraction of an infant from its mother, regardless of the duration of pregnancy, after which the infant breathes or shows other evidence of life, such as beating of the heart, pulsation of the umbilical cord or definite movement of voluntary muscles. Unless otherwise noted, all births referred to in this report are live births to Wisconsin residents.

- In 1996, there were 67,150 births to Wisconsin residents, 343 fewer than in 1995.
- 1996 marked the sixth consecutive year in which the number of births to Wisconsin residents declined.
- The 1996 crude birth rate was 13.0 births per 1,000 population, the lowest rate in 86 years of reporting Wisconsin birth rates. In comparison, the preliminary United States crude birth rate for 1996 was 14.8 births per 1,000 population. (The crude birth rate is the number of live births per 1,000 estimated mid-year total population.)
- The 1996 general fertility rate of 58.3 births per 1,000 Wisconsin females ages 15-44 was lower than the preliminary United States general fertility rate of 65.7 births per 1,000 females in this age group.



Figure 2. Age-Specific Fertility Rates, 1980-1996



Note: The fertility rate for Wisconsin females ages 15-19 is based on that age-specific population but includes births to mothers less than 15 years old. The fertility rate for females aged 40-44 is based on that age-specific population but includes births to mothers aged 45 and older.

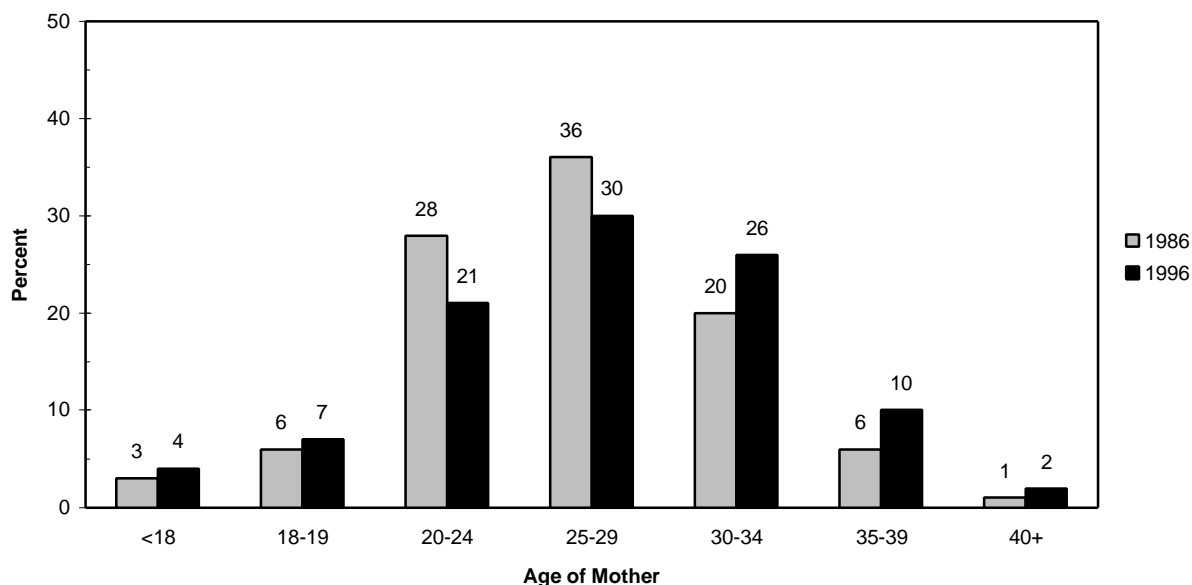
- Age-specific fertility rates (number of births to a specific age group per 1,000 females in that age group) for 1996 were:

Age	Wisconsin Rate	U.S. Rate	Age	Wisconsin Rate	U.S. Rate
15-19	37.6	54.7	25-29	115.2	113.9
15-17	22.6	34.0	30-34	86.7	84.5
18-19	61.9	86.5	35-39	31.7	35.4
20-24	87.5	111.1	40-44	5.7	6.8

Note: Rates shown for ages 15-19 and 15-17 include 143 births to mothers less than 15 years old; the rate for mothers aged 40-44 includes 43 births to mothers aged 45 or older. The U.S. rate for ages 15-19 and 15-17 do not include births to mothers less than 15 years old; the U.S. rate aged 40-44 does not include births to mothers aged 45 or older.

- Compared to 1980, age-specific fertility rates in 1996 were:
  - Relatively unchanged for teens, women aged 25-29, and women aged 40-44,
  - Lower for women aged 20-24, and
  - Higher for women aged 30-34 and 35-39.
- Among women aged 20-24, the fertility rate has decreased gradually from a high of 104 per 1,000 in 1987 to 87 per 1,000 in 1996.
- The fertility rate among teens aged 15-19 has decreased each year since 1991. Most of the decrease occurred among older teens, aged 18-19 (see Figure 4, page 12).
- Wisconsin age-specific fertility rates are lower than the corresponding national rates for teens, women aged 20-24 and women aged 35 and older. Fertility rates among Wisconsin women aged 25-34 are slightly higher than national rates, based on United States 1996 preliminary statistics (see Technical Notes, Page 81).

Figure 3. Percent of All Births by Age of Mother, 1986 and 1996



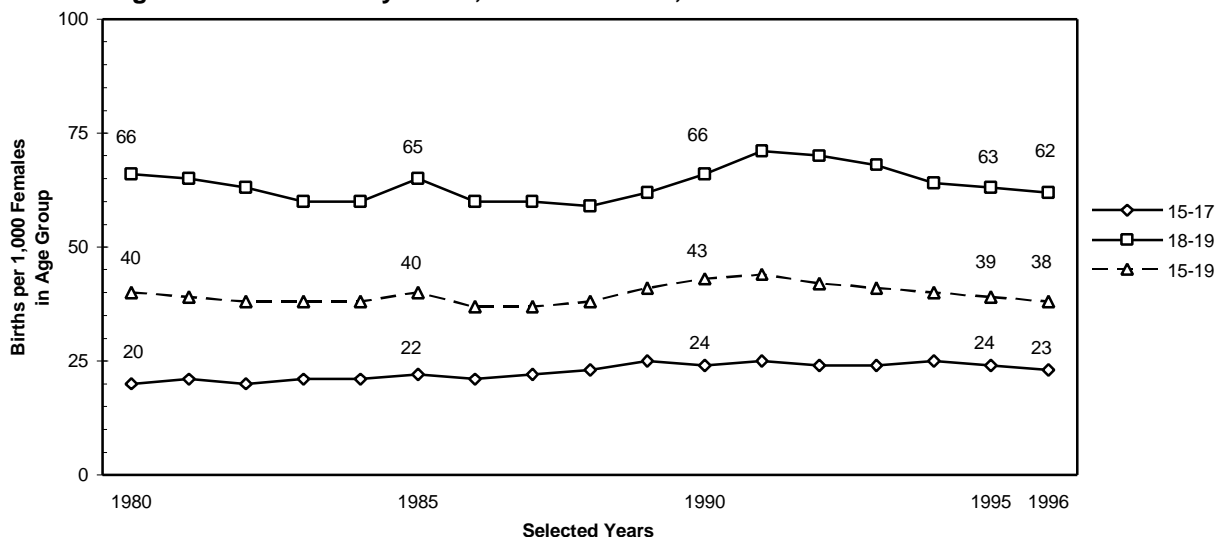
Note: For detailed information on 1996 births by age of mother, see Supplementary Tables A1 and A2, pages 63 and 64.

Births in 1996 included:

- 143 births to teens less than 15 years old
- 2,509 births to teens 15-17 years old
- 4,454 births to teens 18-19 years old
- 14,345 births to women aged 20-24
- 20,308 births to women aged 25-29
- 17,274 births to women aged 30-34
- 6,939 births to women aged 35-39
- 1,132 births to women aged 40-44
- 43 births to women aged 45 or older
- 3 births with unreported maternal age

- From 1986 to 1996, the percent of births to women aged 20-29 decreased, while the percent of births to teens less than 20 years old and women aged 30 and older increased.
- Older mothers were more likely to have twins or other multiple births. The highest percentage of multiple births occurred among females aged 35-39 (4 percent); mothers younger than 20 had the lowest percentage of multiple births (1 percent).

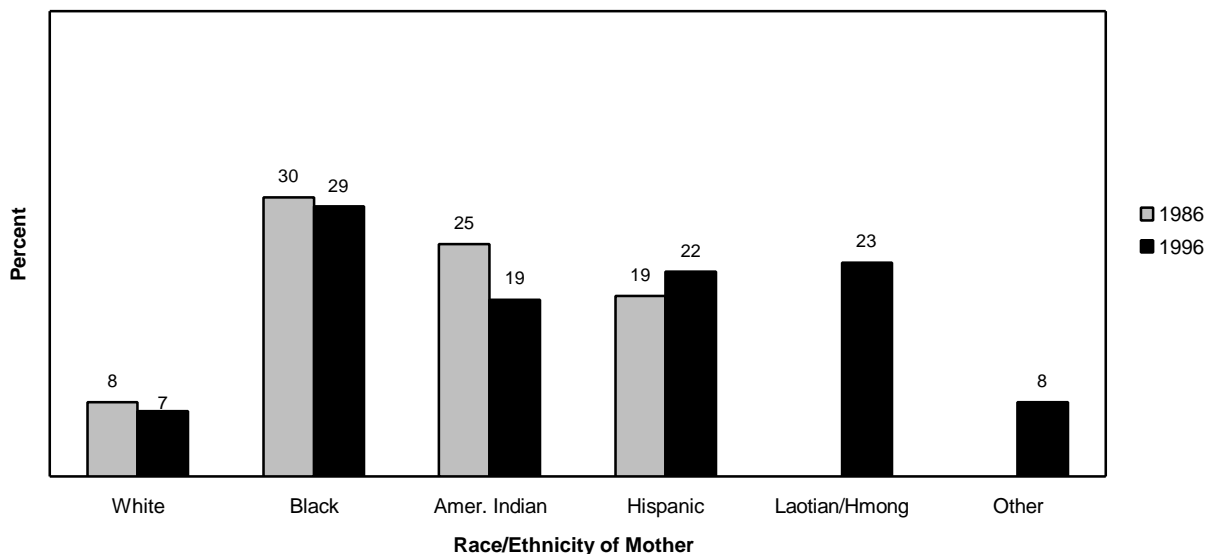
Figure 4. Teen Fertility Rates, Selected Years, 1980-1996



Note: Fertility rates for ages 15-17 and 15-19 are based on these age-specific populations, but include births to mothers younger than 15 years old.

- Teen fertility rates have fluctuated only modestly since 1980.
- In 1996, the fertility rate for Wisconsin teens aged 15-19 was 37.6 births per 1,000 females in this age group (compared with 54.7 nationally). The Wisconsin teen fertility rate has decreased each year since 1992, and has generally been about two-thirds the national rate.

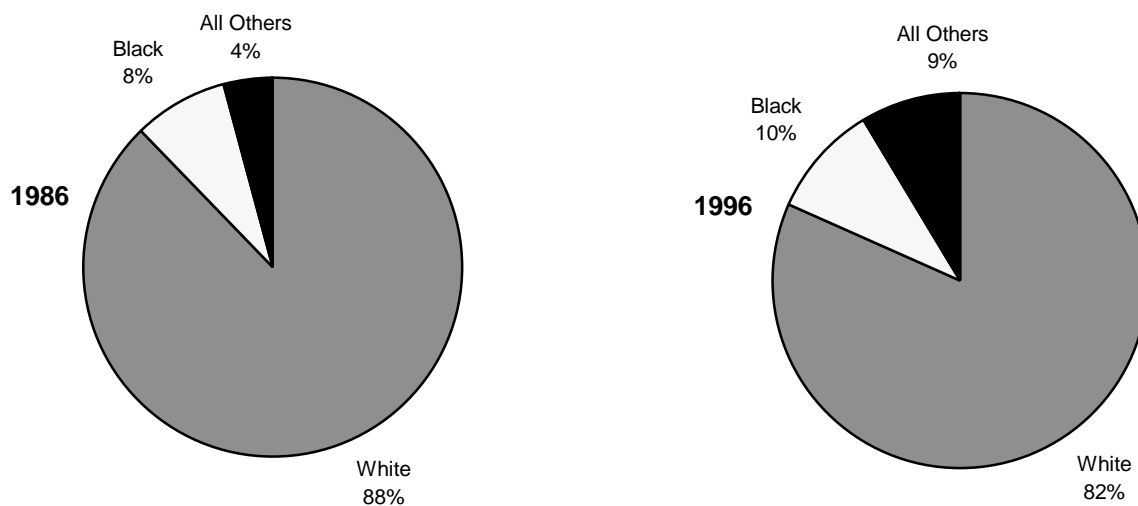
Figure 5. Births to Teens as a Percent of Total Births, by Race/Ethnicity, 1986 and 1996



Note: See Technical Notes for full definitions of race/ethnicity categories. There are no comparable 1986 data available for the Laotian/Hmong or Other groups.

- The percent of births to teens varies considerably by race/ethnicity. Within each race/ethnicity category, however, the percent of births to teens has been fairly stable for the past decade.

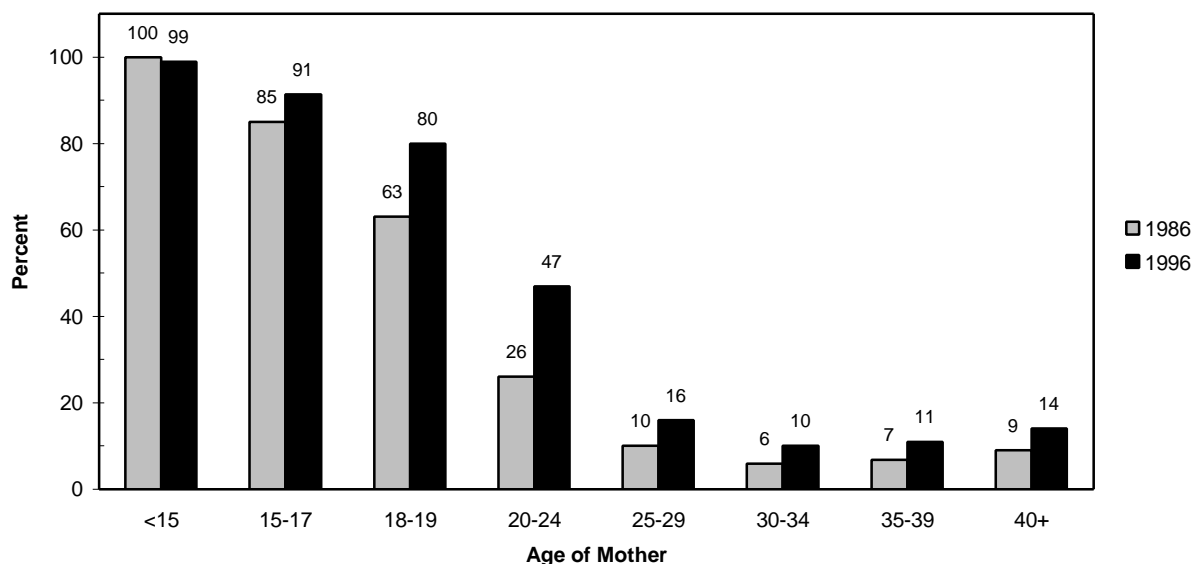
**Figure 6. Percent of Births by Race of Mother, 1986 and 1996**



Note: See Technical Notes for full definitions of race/ethnicity categories. For detailed information on 1996 births by race of mother, see Supplementary Tables B1 and B2, pages 69 and 70. Percents may not add to 100 due to rounding.

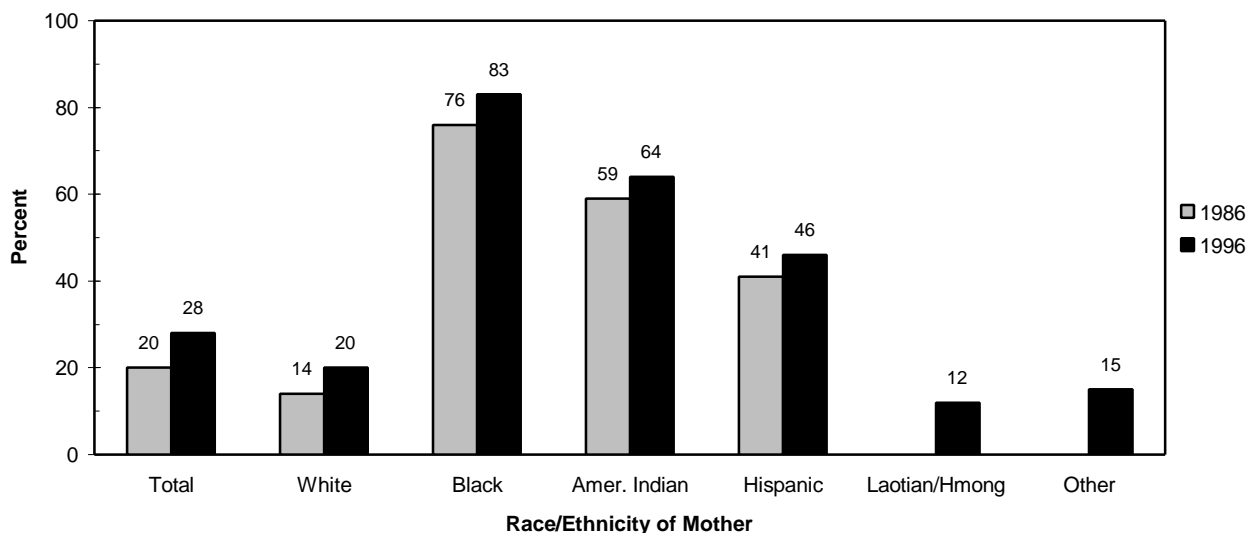
- In 1996, 54,915 births (82%) were to non-Hispanic white women. This percentage continues a gradual decline that began over 25 years ago (it was 93% in 1971).
- 6,380 births (10%) were to non-Hispanic black women. The percent of births to black women declined slightly for the fourth consecutive year.
- 812 births (1%) were to American Indian women. This proportion has been stable for the past decade.
- 3,138 births (5%) were to Hispanic women. Since 1986, this group has represented an increasing proportion of births, partly reflecting a 1989 change in how Hispanic ethnicity is reported on the birth certificate. The 1989 revision added a Hispanic origin question, separate from the race categories.
- 1,031 births (2%) were to Laotian/Hmong women. Fourth or higher order births represented more than half of births to Laotian/Hmong women (55%).
- An additional 855 births (1%) were to women in other racial groups.

**Figure 7. Percent of Births to Unmarried Mothers, by Age, 1986 and 1996**



- In general, the percent of mothers who are married increases with age. Only 20 percent of 18-19-year-olds giving birth in 1996 were married, compared to 90 percent of those aged 30-34.
- From 1986 to 1996, the largest percentage increases in births to unmarried mothers occurred in the 18-19 and 20-24 age groups.

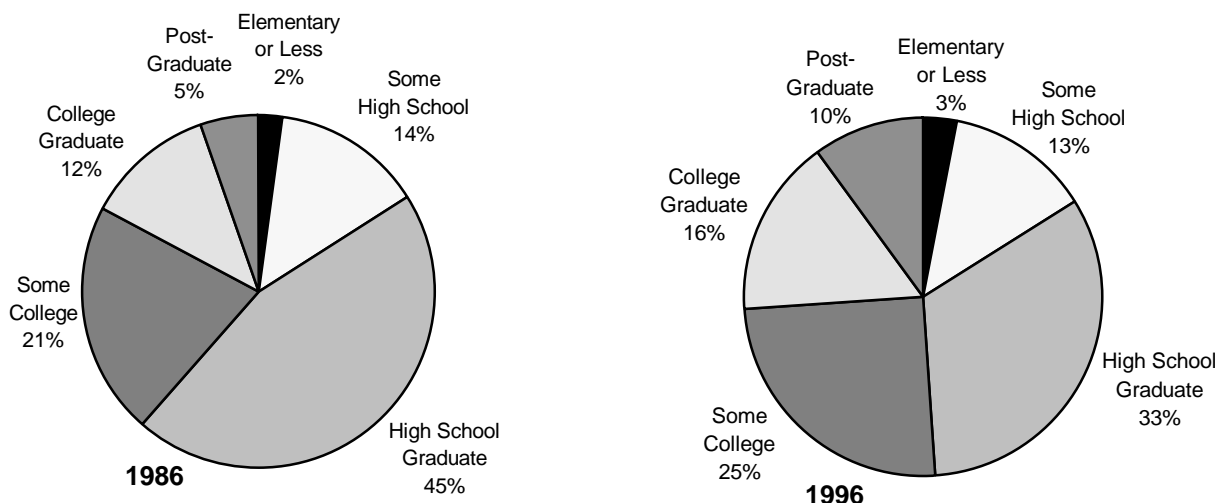
**Figure 8. Percent of Births to Unmarried Mothers, by Race/Ethnicity, 1986 and 1996**



Note: See Technical Notes for full definitions of race/ethnicity categories. There are no comparable 1986 data available for the Laotian/Hmong or Other groups.

- More births were to unmarried mothers in 1996 (28%) than in 1986 (20%). The percent of non-marital births increased in each race/ethnicity group.
- The Wisconsin percentage of births to unmarried mothers in 1996 was lower than the national percent (28% versus 32%). However, the percentage of births to unmarried mothers was higher in Wisconsin than nationally among blacks (83% vs. 70%) and Hispanics (46% vs. 41%).

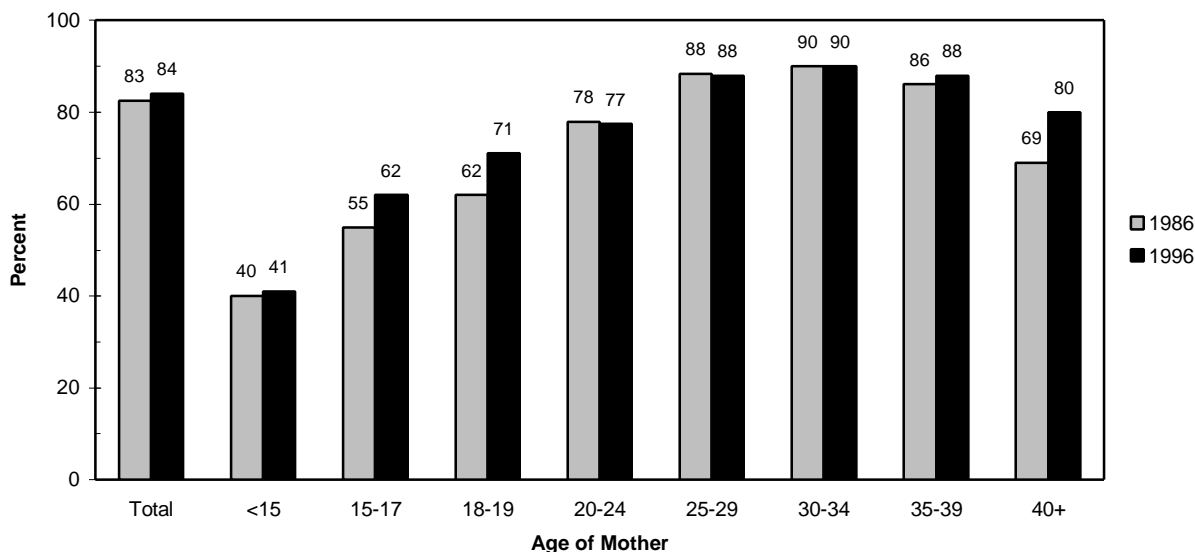
**Figure 9. Percent of Births by Education of Mother, 1986 and 1996**



Note: “Some High School” or “Some College” means the mother completed at least one year of schooling at that level. For detailed information on 1996 births by education of mother, see Supplementary Tables A - C, pages 67 - 72. Percents may not add to 100 due to rounding.

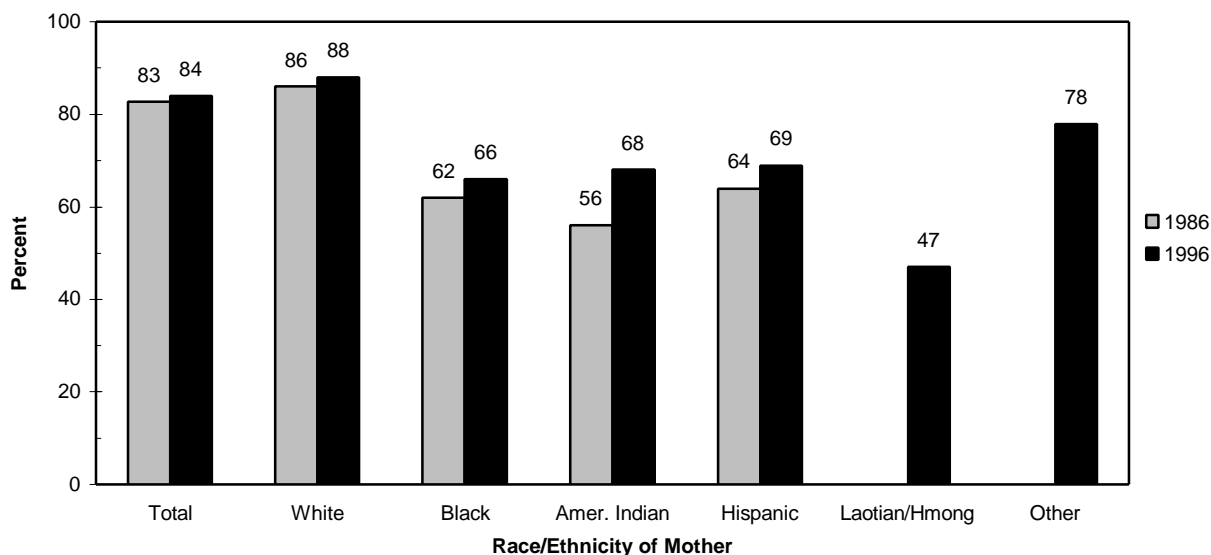
- In both 1986 and 1996, 16 percent of women who gave birth had not finished high school. This proportion varied by age, so that the percentage with less than a high school education in 1996 was:
  - 93 percent among mothers <18
  - 45 percent among mothers 18-19
  - 22 percent among mothers 20-24
  - 8 percent among mothers 25-29
  - 6 percent among mothers 30-34
  - 6 percent among mothers 35-39
  - 12 percent among mothers 40 or older.
- On average, mothers in minority race/ethnicity groups were less likely to have completed high school. In 1996, the proportion of births to women with less than a high school education was:
  - 10 percent among whites
  - 44 percent among blacks
  - 35 percent among American Indians
  - 50 percent among Hispanics
  - 68 percent among Laotian/Hmong
  - 18 percent among other race/ethnicity groups.
- Fifty percent of women who gave birth in 1996 had attended college for one year or more. The comparable percentage in 1986 was 39 percent.

**Figure 10. Percent of Births to Mothers Who Received First-Trimester Prenatal Care, by Age, 1986 and 1996**



- The overall proportion of women who received first-trimester prenatal care was nearly the same in 1986 and 1996. A higher percentage of teenage mothers and mothers age 40 and over received first-trimester care in 1996 than in 1986.
- Eighty-three percent of Wisconsin women received first-trimester prenatal care in 1996, compared to a preliminary national figure of 82 percent.

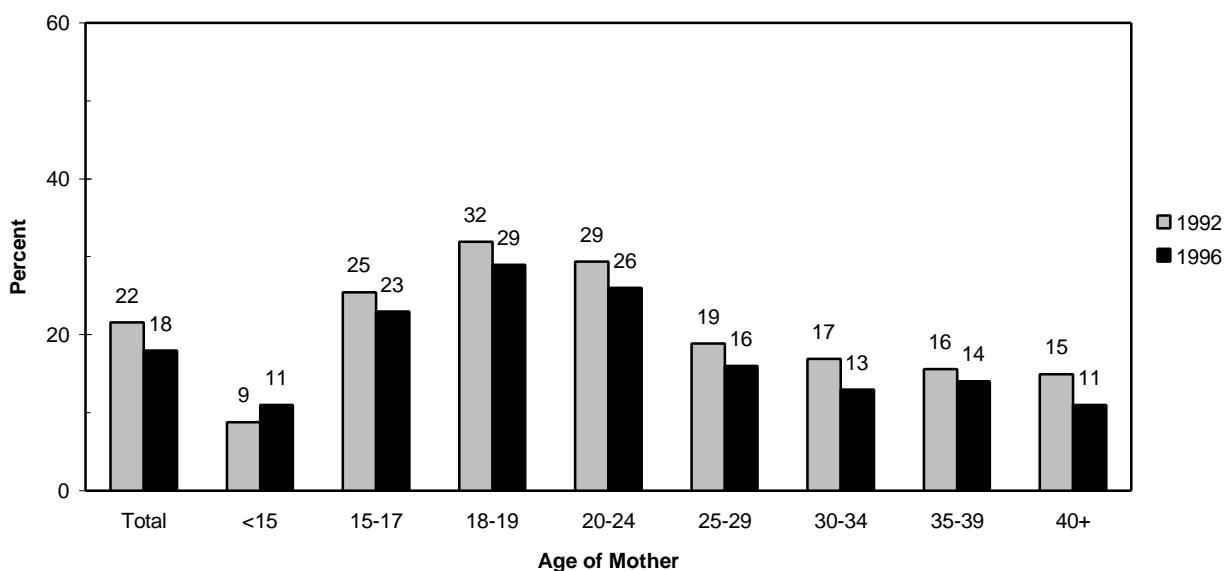
**Figure 11. Percent of Births to Mothers Who Received First-Trimester Prenatal Care, by Race/Ethnicity, 1986 and 1996**



Note: See Technical Notes for full definitions of race/ethnicity categories. There are no comparable 1986 data for the Laotian/Hmong or Other groups.

- From 1986 to 1996, the proportion receiving first-trimester care increased within each race/ethnicity group.

**Figure 12. Percent of Births to Mothers Who Reported Smoking Cigarettes During Pregnancy, by Age, 1992 and 1996**

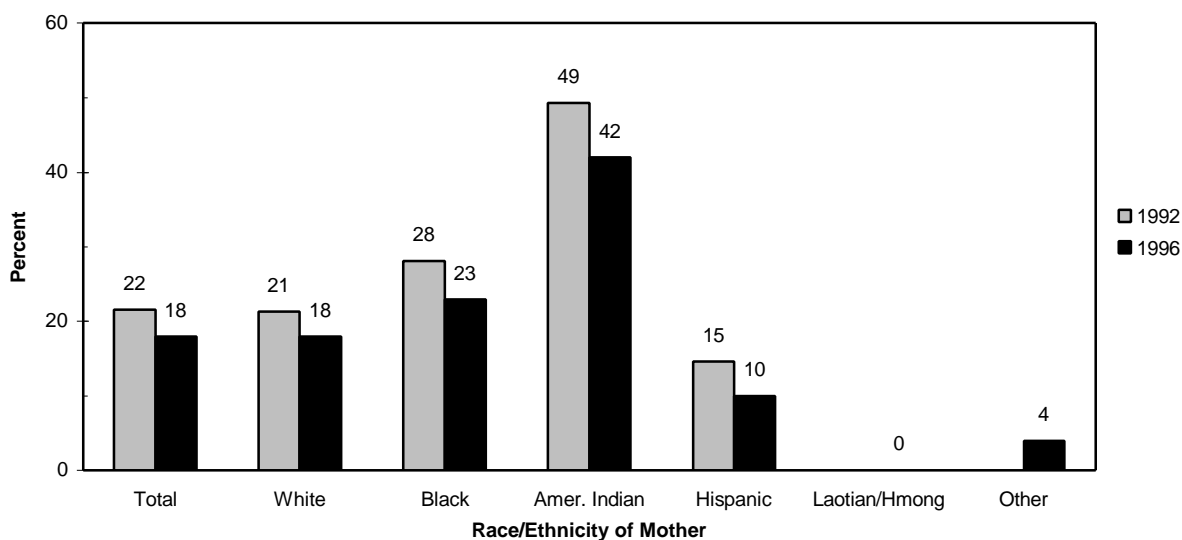


Note : A question about self-reported smoking during pregnancy was introduced on the 1989 birth certificate. Results of this question have been analyzed since 1992. For detailed information on 1996 births by smoking behavior during pregnancy, see Supplementary Tables A, B, and C, pages 67-72.

- Smoking during pregnancy poses risks for fetal development and infant health. Maternal smoking is associated with low birthweight in two ways: it slows fetal growth during gestation and increases the risk of a premature birth.
- The proportion of women who reported that they smoked during pregnancy decreased from 22 percent in 1992 to 18 percent in 1996.
- The proportion of women who reported smoking during pregnancy declined in all maternal age groups except the youngest (mothers under 15 years of age).

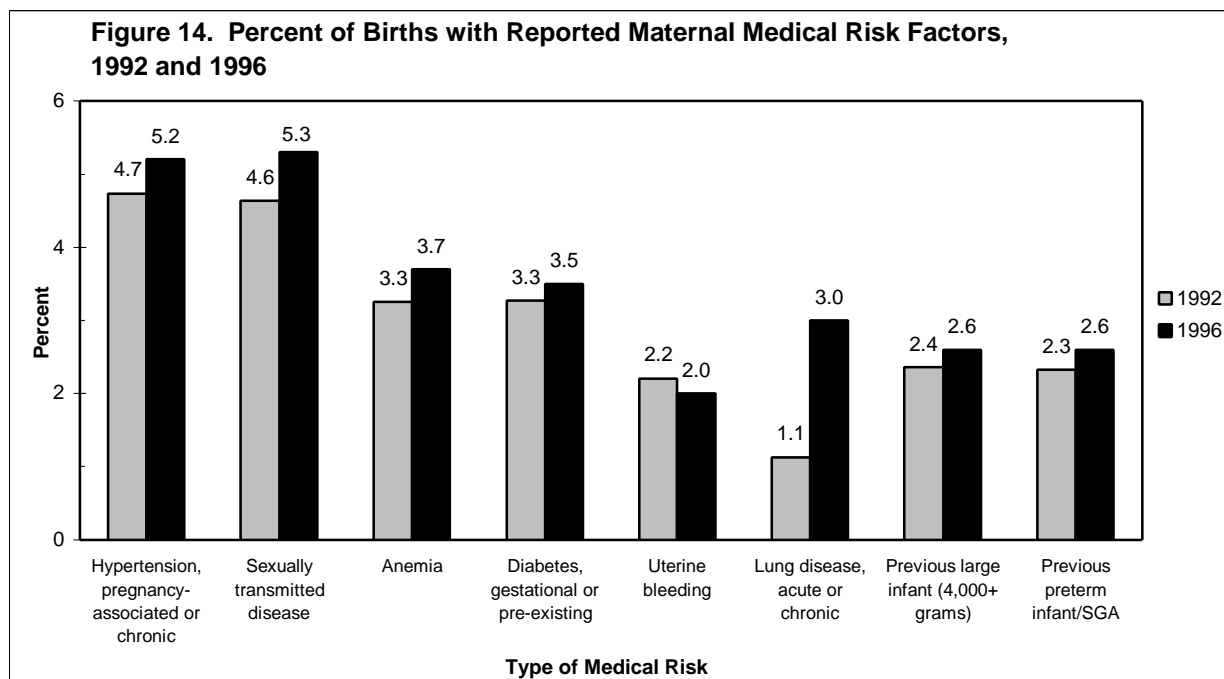


**Figure 13. Percent of Births to Mothers Who Reported Smoking Cigarettes During Pregnancy, by Race/Ethnicity, 1992 and 1996**



Note: See Technical Notes for full definitions of race/ethnicity categories. There are no comparable 1992 data available for the Laotian/Hmong or Other groups. For detailed information on 1996 births by smoking behavior during pregnancy, see Supplementary Tables A, B, and C, pages 67-72.

- From 1992 to 1996, the percentage of mothers who reported that they smoked during pregnancy declined in each race/ethnicity group.
- No data are presented on mother’s self-reported use of alcohol during pregnancy, because this item is probably underreported on the birth certificate. This conclusion is based on the inconsistency between birth certificate data (3% of mothers reported drinking during pregnancy) and the 1996 Behavioral Risk Factor Survey (71% of Wisconsin women ages 18-44 reported drinking within the past month).

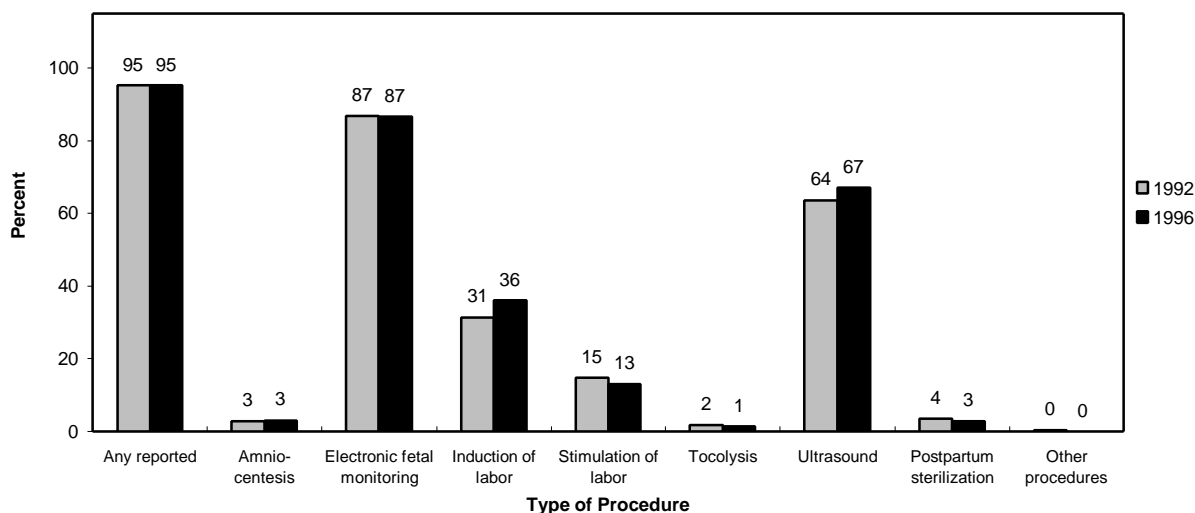


In 1996, births with reported maternal medical risk factors included:

Sexually Transmitted Diseases	3,559	5.3%
Hypertension	3,492	5.2
Pregnancy-Associated	3,000	4.5
Chronic	492	0.7
Anemia	2,472	3.7
Diabetes	2,331	3.5
Gestational	2,127	3.2
Pre-existing	204	0.3
Lung Disease, Acute or Chronic	2,046	3.0
Previous Large Infant (4,000+ grams)	1,769	2.6
Previous Preterm Infant/SGA	1,758	2.6
Uterine Bleeding	1,314	2.0
Cardiac Disease	822	1.2
Hydramnios/Oligohydramnios	753	1.1
Rh Sensitization	522	0.8
Renal Disease	508	0.8
Eclampsia	248	0.4
Incompetent Cervix	230	0.3
Any Reported	24,923	37.1

Note: SGA means small for gestational age. See Technical Notes for definitions of maternal medical risk factors. Since more than one medical risk factor may be indicated for each birth, and since conditions in the “other” checkbox are not reported in this table, columns will not sum to the “any reported” line. Information on medical risk factors was unreported for 39 births. The maternal medical risk factor checklist was introduced on the 1989 birth certificate. By 1992 this information was considered well recorded and edited to be included in the annual reports.

**Figure 15. Percent of Births with Obstetric Procedures Reported, 1992 and 1996**



In 1996, births with reported obstetric procedures included:

Electronic fetal monitoring	58,216
Ultrasound	45,190
Induction of labor	24,260
Stimulation of labor	8,438
Amniocentesis	2,086
Postpartum sterilization	1,954
Tocolysis	959
Other procedures	303
Any reported	63,884

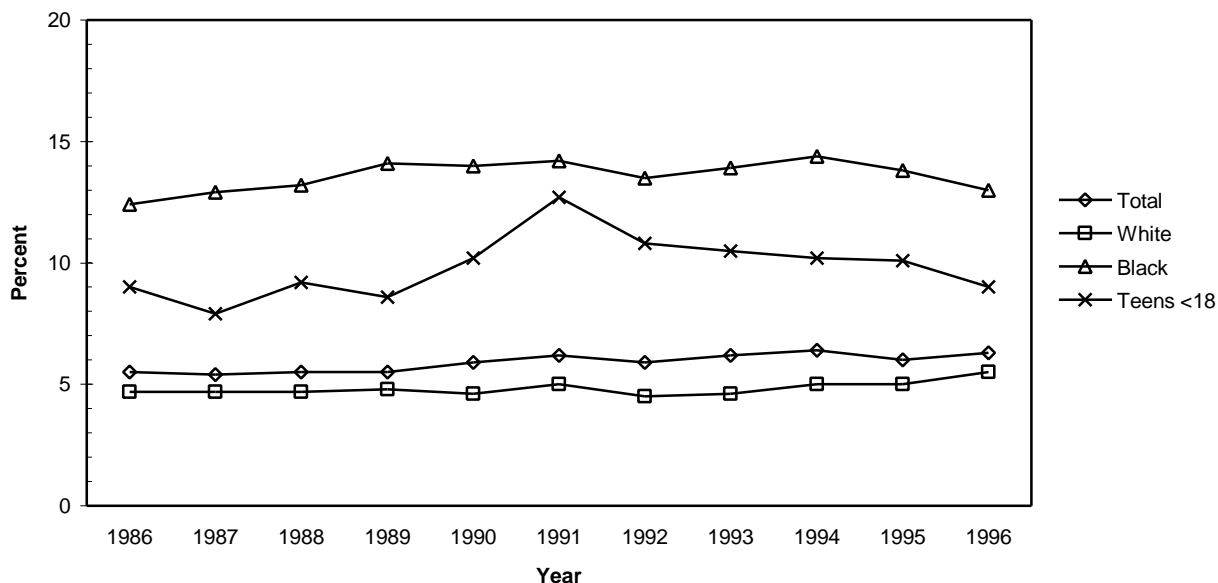
Notes: See Technical Notes for definitions of obstetric procedures. The obstetric procedures checklist was introduced on the 1989 birth certificate. By 1992 this information was considered well recorded and edited to be included in the annual reports. Information on obstetric procedures was unreported for 14 births.

In 1996, the following methods of delivery were reported:

Other vaginal	52,759	78.6%
Primary C-section	6,698	10.0
Repeat C-section	3,749	5.6
Vaginal after previous C-section (VBAC)	2,076	3.1
Forceps	1,855	2.8
Other	4	0.0

Note: Information on delivery type was unreported for 9 births.

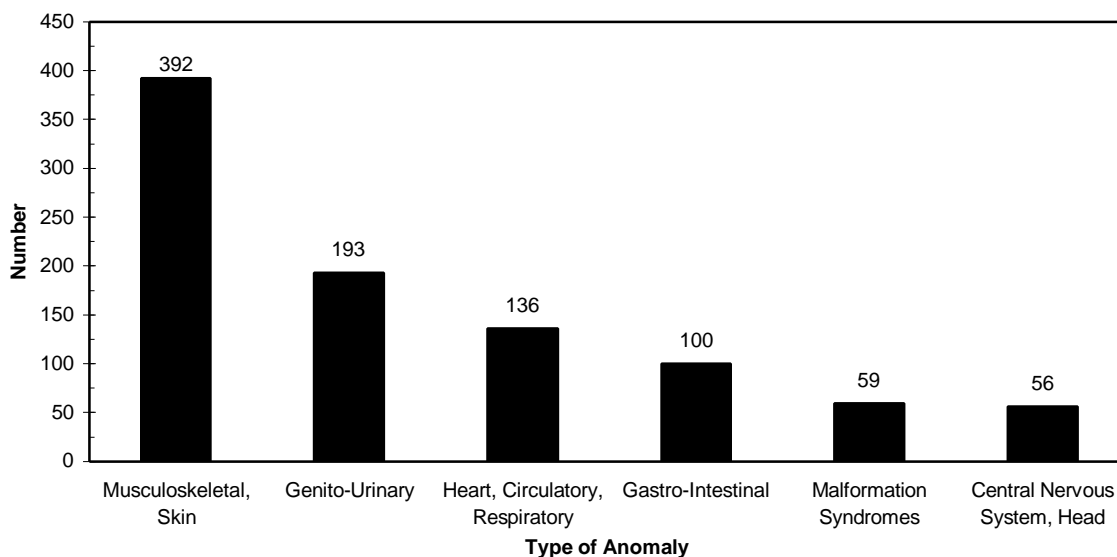
Figure 16. Percent of Births at Low Birthweight (<2,500 grams), 1986-1996



Note: For detailed information on 1996 births by low birthweight, see Supplementary Table C, page 71.

- In 1996, 4,222 Wisconsin infants weighed less than 2,500 grams (about 5.5 pounds) at birth. This total represented 6.3 percent of all births. In comparison, 7.4 percent of all infants born in the United States in 1996 weighed less than 2,500 grams at birth.
- 850 infants were born at very low-birthweight (less than 1,500 grams or about 3.3 pounds), representing 1.3 percent of all births.
- From 1986 to 1996, the low birthweight percentage among infants born to mothers less than 18 years of age fluctuated from a low of 7.9 percent in 1987 to a high of 12.7 percent in 1991.
- In 1996, mothers younger than 18 had a higher percentage of low-birthweight births (9.0%) than did mothers age 18 or older (6.2%).
- Forty-three percent of premature infants (gestation less than 37 weeks) were of low birthweight in 1996. (See Technical Notes, Page 82, for full definition of prematurity).
- Twins or other multiple births made up 22 percent of all low-birthweight births in 1996.
- Compared with the overall incidence of low birthweight in 1996 (6.3%), higher percentages of low-birthweight infants were born to:
  - Mothers who received no prenatal care (22.6%)
  - Non-Hispanic black women (12.8%)
  - Girls less than 15 years of age (9.1%)
  - Women who smoked during pregnancy (10.7%)
  - Women with less than a high school education (9.8%).

Figure 17. Number of Reported Congenital Anomalies, 1996

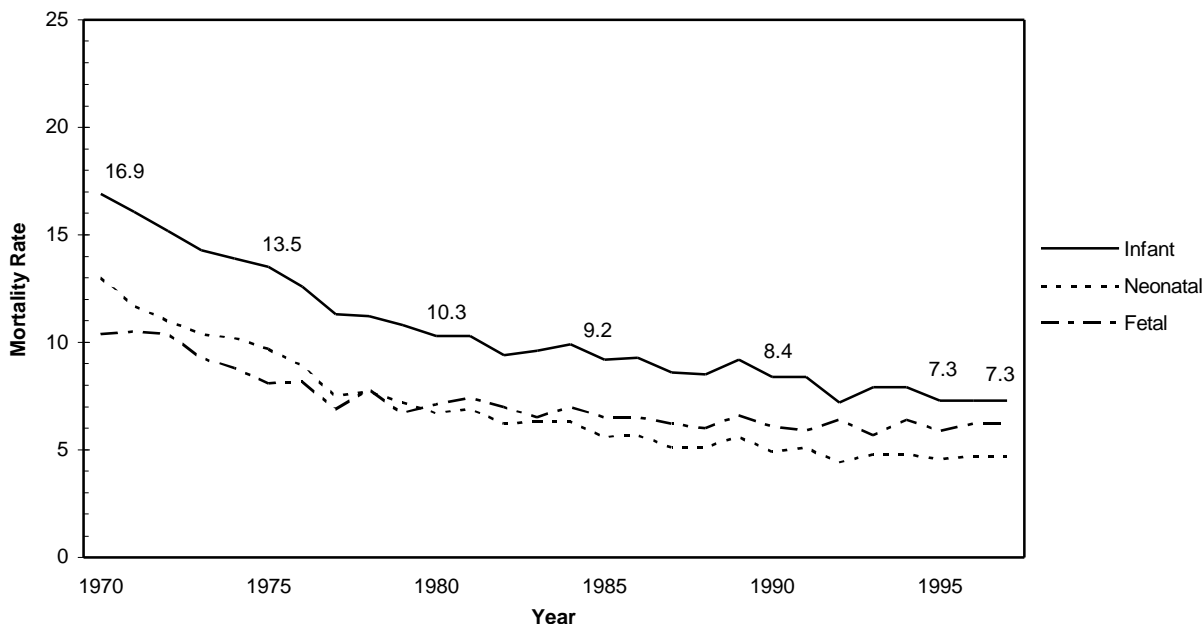


In 1996, births with reported congenital anomalies included:

<b>Total Reported</b>	<b>913</b>
<b>Central Nervous System, Head</b>	<b>56</b>
Anencephalus	5
Spina Bifida/Meningocele	23
Hydrocephalus	21
Microcephalus	6
Other Central Nervous System	10
<b>Heart, Circulatory, Respiratory</b>	<b>136</b>
Heart Malformations	95
Other Circulatory/Respiratory	45
<b>Gastro-Intestinal</b>	<b>100</b>
Rectal Atresia, Stenosis	23
Tracheo-Esophageal Fistula	19
Omphalocele, Gastroschisis	37
Other Gastrointestinal	27
<b>Genito-Urinary</b>	<b>193</b>
Malformed Genitalia	132
Renal Agenesis	10
Other Urogenital	51
<b>Musculoskeletal/Skin</b>	<b>392</b>
Cleft Lip, Palate	76
Polydactyly, Syndactyly, Adactyly	100
Club Foot	78
Diaphragmatic Hernia	12
Other Musculoskeletal/ Integumental	145
<b>Malformation Syndromes</b>	<b>59</b>
Down Syndrome	48
Other Chromosomal	11
<b>All Other</b>	<b>51</b>

Note: These numbers reflect only those congenital anomalies that can be discerned at birth and are reported on the birth certificate. Many are not detected before the newborn is discharged from the hospital. Since more than one anomaly may be reported for each infant, column will not add to total. This table is not comparable with congenital anomalies data published prior to 1989; see Technical Notes for explanation.

Figure 18. Infant, Neonatal, and Fetal Mortality Rates , 1970-1996



Source: Resident birth certificates, matched birth-death file, and fetal death file, Center for Health Statistics.

Note: An infant death is one that occurs to an infant less than one year of age. The infant death rate is the number of resident infant deaths divided by total resident live births times 1,000. For detailed information on 1996 infant, neonatal and fetal deaths, see Supplementary Table D, Page 73.

- In Wisconsin, 492 infants (under the age of one year) died in 1996. Wisconsin’s infant mortality rate has steadily decreased over the past 25 years. The 1996 rate of 7.3 infant deaths per 1,000 live births was less than half the 1970 rate of 16.9 per 1,000. The 1996 U.S. preliminary infant mortality rate was 7.2 infant deaths per 1,000 live births.
- 314 neonates (infants less than 28 days of age) died in 1996. The neonatal mortality rate in 1996 was 4.7 neonatal deaths per 1,000 births, compared with 13.0 per 1,000 in 1970.
- The fetal mortality rate (fetal deaths per 1,000 live births and fetal deaths) was 6.2 in 1996. In comparison, the fetal mortality rate for 1970 was 10.4 per 1,000. (Refer to page 82 for a definition of fetal death.)
- The black infant mortality rate for 1996 (18.3 deaths per 1,000 live births to black mothers) was statistically unchanged from the comparable rate in 1995 (17.9) and 1986 (18.0).
- The 1996 white infant mortality rate (5.9 deaths per 1,000 live births to white mothers) represented a decline from 1995 (6.2) and a substantial decline from 1986 (8.4).
- Infants born to teenage mothers are at higher risk of death than infants born to older mothers. In 1996, the infant mortality rate was 11.3 per 1,000 live births among infants born to mothers aged 15-19, compared with 6.9 per 1,000 among infants born to women ages 20 and older.
- There were 2 maternal deaths in 1996; these are deaths attributed to pregnancy-related health conditions or events of delivery.

**Table 1. Population, Births, Crude and General Fertility Rates by County of Residence**

County	Estimated Population	Total Births	Crude Birth Rate	General Fertility Rate
<b>Total</b>	<b>5,161,920</b>	<b>67,150</b>	<b>13.0</b>	<b>58.3</b>
Adams	17,460	184	10.5	66.0
Ashland	16,620	234	14.1	66.5
Barron	42,780	503	11.8	58.0
Bayfield	14,640	149	10.2	53.2
Brown	213,930	3,051	14.3	60.8
Buffalo	13,880	146	10.5	53.1
Burnett	13,970	147	10.5	57.8
Calumet	37,760	466	12.3	55.2
Chippewa	54,320	590	10.9	51.5
Clark	32,360	467	14.4	74.8
Columbia	48,750	616	12.6	63.2
Crawford	16,170	183	11.3	58.0
Dane	397,990	4,977	12.5	48.1
Dodge	81,690	976	11.9	59.9
Door	26,480	260	9.8	49.2
Douglas	42,480	532	12.5	58.5
Dunn	37,840	434	11.5	44.8
Eau Claire	89,030	1,079	12.1	47.9
Florence	4,990	64	12.8	64.5
Fond du Lac	94,830	1,138	12.0	54.9
Forest	9,130	94	10.3	54.1
Grant	49,530	497	10.0	49.4
Green	31,910	408	12.8	61.1
Green Lake	19,210	208	10.8	55.5
Iowa	21,590	260	12.0	55.6
Iron	6,320	76	12.0	70.3
Jackson	17,190	193	11.2	58.1
Jefferson	72,490	892	12.3	54.6
Juneau	23,300	264	11.3	58.4
Kenosha	139,600	2,008	14.4	64.4
Kewaunee	19,570	214	10.9	53.6
La Crosse	103,250	1,236	12.0	47.9
Lafayette	16,220	180	11.1	54.5
Langlade	20,450	214	10.5	53.5
Lincoln	28,810	338	11.7	57.6
Manitowoc	83,340	941	11.3	55.1
Marathon	123,180	1,621	13.2	60.5
Marinette	42,230	456	10.8	54.1
Marquette	13,710	147	10.7	57.5
Menominee	4,370	91	20.8	99.3
Milwaukee	949,440	14,792	15.6	66.4
Monroe	38,410	557	14.5	70.7

**Table 1. Population, Births, Crude and General Fertility Rates by County of Residence**

County	Estimated Population	Total Births	Crude Birth Rate	General Fertility Rate
Oconto	32,440	374	11.5	57.5
Oneida	34,470	326	9.5	51.5
Outagamie	152,880	2,101	13.7	60.3
Ozaukee	79,060	961	12.2	57.4
Pepin	7,160	75	10.5	57.1
Pierce	34,220	373	10.9	43.3
Polk	36,910	409	11.1	55.6
Portage	65,890	797	12.1	48.9
Price	16,020	154	9.6	51.0
Racine	185,200	2,592	14.0	63.2
Richland	17,720	187	10.6	53.4
Rock	148,920	1,969	13.2	60.9
Rusk	15,290	161	10.5	54.1
St. Croix	55,140	767	13.9	61.6
Sauk	51,610	676	13.1	62.2
Sawyer	15,420	188	12.2	68.4
Shawano	38,450	458	11.9	61.9
Sheboygan	109,650	1,333	12.2	57.6
Taylor	19,260	225	11.7	56.2
Trempealeau	26,080	326	12.5	63.6
Vernon	26,550	338	12.7	65.8
Vilas	19,540	167	8.5	53.3
Walworth	82,210	1,019	12.4	55.0
Washburn	14,700	148	10.1	54.2
Washington	110,040	1,456	13.2	60.1
Waukesha	338,820	4,138	12.2	55.8
Waupaca	49,270	617	12.5	60.7
Waushara	20,680	219	10.6	57.5
Winnebago	150,470	1,756	11.7	51.2
Wood	76,640	957	12.5	58.1

Source: Population estimates are from the Wisconsin Center for Health Statistics.

Note: The crude birth rate is the number of resident live births divided by the resident population times 1,000. The general fertility rate is the number of resident live births divided by the number of females ages 15-44 times 1,000.



**Table 2. Population, Births and Crude Birth Rates by Selected Cities of Residence**

<b>City</b>	<b>Estimated Population</b>	<b>Births</b>	<b>Crude Birth Rate</b>
Appleton	69,103	1,104	16.0
Beloit	36,087	546	15.1
Eau Claire	59,383	702	11.8
Fond du Lac	40,389	565	14.0
Green Bay	101,596	1,711	16.8
Janesville	57,928	863	14.9
Kenosha	85,685	1,554	18.1
La Crosse	51,942	607	11.7
Madison	200,814	2,593	12.9
Manitowoc	33,910	421	12.4
Mequon/Thiensville	24,447	258	10.6
Milwaukee	620,609	11,227	18.1
Neenah/Menasha	40,001	546	13.6
Oshkosh	60,240	739	12.3
Racine	85,433	1,588	18.6
Sheboygan	50,763	701	13.8
Stevens Point	24,293	295	12.1
Superior	27,455	364	13.3
Watertown	20,565	290	14.1
Waukesha	59,949	969	16.2
Wausau	38,700	596	15.4
West Bend	27,796	424	15.3

Source: Population estimates are from the Wisconsin Department of Administration.

Note: The crude birth rate is the number of resident live births divided by the resident population times 1,000.

**Table 3. Number of Births by County of Residence and Selected Minor Civil Divisions**

**Birth and Fertility Rates**

**Local and Regional**

<b>STATE TOTAL</b>	<b>67,150</b>	Lafayette (T)	43	<b>DOOR</b>	260
Urban	51,727	Balance of County	264	Sevastopol (T)	13
Balance of State	15,423			Sturgeon Bay (C)	125
		<b>CLARK</b>	467	Balance of County	122
<b>ADAMS</b>	184	Neillsville (C)	38		
		Balance of County	429	<b>DOUGLAS</b>	532
<b>ASHLAND</b>	234			Superior (C)	364
Ashland (C)	119	<b>COLUMBIA</b>	616	Balance of County	168
Balance of County	115	Columbus (C)	69		
		Portage (C)	133	<b>DUNN</b>	434
<b>BARRON</b>	503	Balance of County	414	Menomonie (C)	165
Barron (C)	42			Menomonie (T)	48
Rice Lake (C)	124	<b>CRAWFORD</b>	183	Balance of County	221
Balance of County	337	Prairie du Chien (C)	78		
		Balance of County	105	<b>EAU CLAIRE</b>	1,079
<b>BAYFIELD</b>	149			Altoona (C)	93
		<b>DANE</b>	4,977	Eau Claire (C) (Pt.)	688
<b>BROWN</b>	3,051	Burke (T)	34	Seymour (T)	30
Allouez (V)	124	Cottage Grove (T)	44	Washington (T)	45
Ashwaubenon (V)	171	Cross Plains (V)	53	Balance of County	223
Bellevue (T)	144	De Forest (V)	118		
De Pere (C)	287	Dunn (T)	36	<b>FLORENCE</b>	64
Green Bay (C)	1,711	Fitchburg (C)	115		
Hobart (T)	43	Madison (C)	2,593	<b>FOND DU LAC</b>	1,138
Howard (V)	158	Madison (T)	37	Fond du Lac (C)	565
Pulaski (V)	39	Marshall (V)	53	North Fond du Lac (V)	51
Suamico (T)	82	McFarland (V)	82	Ripon (C)	98
Balance of County	292	Middleton (C)	144	Taycheedah (T)	49
		Middleton (T)	25	Waupun (C) (Pt.)	36
<b>BUFFALO</b>	146	Monona (C)	61	Balance of County	339
Mondovi (C)	26	Mount Horeb (V)	93		
Balance of County	120	Oregon (T)	31	<b>FOREST</b>	94
		Oregon (V)	116		
<b>BURNETT</b>	147	Pleasant Springs (T)	28	<b>GRANT</b>	497
		Springfield (T)	22	Boscobel (C)	33
<b>CALUMET</b>	466	Stoughton (C)	187	Lancaster (C)	48
Appleton (C) (Pt.)	146	Sun Prairie (C)	259	Platteville (C)	82
Brillion (C)	42	Verona (C)	79	Balance of County	334
Chilton (C)	43	Wausaukee (V)	134		
Harrison (T)	47	Westport (T)	19	<b>GREEN</b>	408
Kiel (C) (Pt.)	6	Windsor (T)	64	Brodhead (C)	48
Menasha (C) (Pt.)	6	Balance of County	550	Monroe (C)	136
New Holstein (C)	24			Balance of County	224
Balance of County	152	<b>DODGE</b>	976		
		Beaver Dam (C)	209	<b>GREEN LAKE</b>	208
<b>CHIPPEWA</b>	590	Beaver Dam (T)	36	Berlin (C) (Pt.)	71
Bloomer (C)	36	Horicon (C)	49	Balance of County	137
Chippewa Falls (C)	172	Mayville (C)	46		
Eagle Point (T)	15	Watertown (C) (Pt.)	89	<b>IOWA</b>	260
Eau Claire (C) (Pt.)	14	Waupun (C) (Pt.)	75	Dodgeville (C)	47
Hallie (T)	46	Balance of County	472	Balance of County	213

**Table 3. Number of Births by County of Residence and Selected Minor Civil Divisions**

**Birth and Fertility Rates**

**Local and Regional**

<b>IRON</b>	76	<b>LANGLADE</b>	214	Shorewood (V)	151
		Antigo (C)	113	South Milwaukee (C)	246
<b>JACKSON</b>	193	Balance of County	101	St. Francis (C)	97
Black River Falls (C)	50			Wauwatosa (C)	541
Balance of County	143	<b>LINCOLN</b>	338	West Allis (C)	686
		Merrill (C)	148	West Milwaukee (V)	29
<b>JEFFERSON</b>	892	Merrill (T)	19	Whitefish Bay (V)	192
Ft. Atkinson (C)	149	Tomahawk (C)	48	Balance of County	29
Ixonia (T)	32	Balance of County	123		
Jefferson (C)	98			<b>MONROE</b>	557
Jefferson (T)	15	<b>MANITOWOC</b>	941	Sparta (C)	142
Koshkonong (T)	28	Kiel (C) (Pt.)	53	Tomah (C)	117
Lake Mills (C)	55	Manitowoc (C)	421	Balance of County	298
Oakland (T)	25	Manitowoc Rapids (T)	18		
Waterloo (C)	45	Two Rivers (C)	136	<b>OCONTO</b>	374
Watertown (C) (Pt.)	201	Balance of County	313	Little Suamico (T)	52
Whitewater (C) (Pt.)	21			Oconto (C)	49
Balance of County	223	<b>MARATHON</b>	1,621	Oconto Falls (C)	43
		Kronenwetter (T)	51	Balance of County	230
<b>JUNEAU</b>	264	Marshfield (C) (PT.)	9		
Mauston (C)	50	Mosinee (C)	75	<b>ONEIDA</b>	326
Balance of County	214	Rib Mountain (T)	58	Minocqua (T)	37
		Rothschild (V)	56	Pelican (T)	22
<b>KENOSHA</b>	2,008	Wausau (C)	596	Rhineland (C)	103
Bristol (T)	26	Weston (T)	93	Balance of County	164
Kenosha (C)	1,554	Balance of County	683		
Paddock Lake (V)	26			<b>OUTAGAMIE</b>	2,101
Pleasant Prairie (V)	72	<b>MARINETTE</b>	456	Appleton (C) (Pt.)	938
Randall (T)	13	Marinette (C)	149	Buchanan (T)	69
Salem (T)	75	Peshtigo (C)	39	Center (T)	16
Somers (T)	31	Peshtigo (T)	30	Freedom (T)	59
Twin Lakes (V)	60	Balance of County	238	Grand Chute (T)	112
Wheatland (T)	25			Greenville (T)	97
Balance of County	126	<b>MARQUETTE</b>	147	Kaukauna (C)	202
				Kimberly (V)	64
<b>KEWAUNEE</b>	214	<b>MENOMINEE</b>	91	Little Chute (V)	145
Algoma (C)	33	Menominee (T)	89	New London (C) (Pt.)	25
Kewaunee (C)	39	Balance of County	2	Oneida (T)	35
Balance of County	142			Seymour (C)	35
		<b>MILWAUKEE</b>	14,792	Balance of County	304
<b>LA CROSSE</b>	1,236	Bayside (V) (Pt.)	31		
Campbell (T)	33	Brown Deer (V)	101	<b>OZAUKEE</b>	961
Holmen (V)	88	Cudahy (C)	201	Cedarburg (C)	129
La Crosse (C)	607	Fox Point (V)	56	Cedarburg (T)	46
Onalaska (C)	214	Franklin (C)	269	Grafton (T)	32
Onalaska (T)	28	Glendale (C)	107	Grafton (V)	128
Shelby (T)	43	Greendale (V)	121	Mequon (C)	220
West Salem (V)	68	Greenfield (C)	303	Port Washington (C)	160
Balance of County	155	Hales Corners (V)	79	Saukville (V)	72
		Milwaukee (C) (Pt.)	11,230	Thiensville (V)	38
<b>LAFAYETTE</b>	180	Oak Creek (C)	323	Balance of County	136

**Table 3. Number of Births by County of Residence and Selected Minor Civil Divisions**

**Birth and Fertility Rates**
**Local and Regional**

<b>PEPIN</b>	75	Milton (C)	97	<b>TREMPEALEAU</b>	326
		Milton (T)	19		
<b>PIERCE</b>	373	Rock (T)	7	<b>VERNON</b>	338
Ellsworth (V)	31	Balance of County	205	Viroqua (C)	42
Prescott (C)	69			Balance of County	296
River Falls (C) (Pt.)	98	<b>RUSK</b>	161		
Balance of County	175	Ladysmith (C)	46	<b>VILAS</b>	167
		Balance of County	115	Arbor Vitae (T)	19
<b>POLK</b>	409			Lac du Flambeau (T)	43
Amery (C)	32	<b>ST.CROIX</b>	767	Balance of County	105
Balance of County	377	Hudson (C)	189		
		Hudson (T)	18	<b>WALWORTH</b>	1,019
<b>PORTAGE</b>	797	New Richmond (C)	122	Bloomfield (T)	46
Hull (T)	50	North Hudson (V)	14	Burlington (C) (Pt.)	5
Plover (V)	150	River Falls (C) (Pt.)	39	Delavan (C)	123
Stevens Point (C)	295	St. Joseph (T)	23	Delavan (T)	35
Stockton (T)	39	Troy (T)	16	East Troy (T)	35
Balance of County	263	Balance of County	346	East Troy (V)	63
				Elkhorn (C)	114
<b>PRICE</b>	154	<b>SAUK</b>	676	Geneva (T)	36
Park Falls (C)	31	Baraboo (C)	167	Lake Geneva (C)	121
Balance of County	123	Prairie Du Sac (V)	58	Lyons (T)	29
		Reedsburg (C)	101	Sugar Creek (T)	27
<b>RACINE</b>	2,592	Sauk City (V)	38	Whitewater (C) (Pt.)	72
Burlington (C) (Pt.)	149	Balance of County	312	Balance of County	313
Burlington (T)	62				
Caledonia (T)	210	<b>SAWYER</b>	188	<b>WASHBURN</b>	148
Dover (T)	27	Hayward (T)	32	Spooner (C)	37
Mt. Pleasant (T)	133	Balance of County	156	Balance of County	111
Norway (T)	94				
Racine (C)	1,588	<b>SHAWANO</b>	458	<b>WASHINGTON</b>	1,456
Raymond (T)	22	Shawano (C)	99	Addison (T)	34
Sturtevant (V)	45	Wescott (T)	23	Barton (T)	15
Union Grove (V)	69	Balance of County	336	Erin (T)	30
Waterford (T)	57			Farmington(T)	27
Waterford (V)	66	<b>SHEBOYGAN</b>	1,333	Germantown (V)	220
Yorkville (T)	18	Holland (T)	21	Hartford (C)	144
Balance of County	52	Howards Grove (V)	38	Hartford (T)	60
		Lima (T)	29	Jackson (T)	32
<b>RICHLAND</b>	187	Plymouth (C)	90	Jackson (V)	86
Richland Center (C)	59	Plymouth (T)	20	Kewaskum (V)	37
Balance of County	128	Sheboygan (C)	701	Polk (T)	32
		Sheboygan (T)	50	Richfield (T)	105
<b>ROCK</b>	1,969	Sheboygan Falls (C)	73	Slinger (V)	65
Beloit (C)	546	Wilson (T)	17	Trenton (T)	36
Beloit (T)	59	Balance of County	294	West Bend (C)	424
Edgerton (C)	60			West Bend (T)	45
Evansville (C)	74	<b>TAYLOR</b>	225	Balance of County	64
Fulton (T)	21	Medford (C)	53		
Janesville (C)	863	Balance of County	172		
Janesville (T)	18				

**Table 3. Number of Births by County of Residence and Selected Minor Civil Divisions**

**Birth and Fertility Rates****Local and Regional**

<b>WAUKESHA</b>	4,138	Pewaukee (V)	116	<b>WINNEBAGO</b>	1,756
Brookfield (C)	338	Summit (T)	32	Algoma (T)	47
Brookfield (T)	62	Sussex (V)	153	Appleton (C) (Pt.)	20
Delafield (C)	67	Vernon (T)	50	Menasha (C) (Pt.)	186
Delafield (T)	64	Wales (V)	35	Menasha (T)	138
Elm Grove (V)	42	Waukesha (C)	969	Neenah (C)	354
Genesse (T)	69	Waukesha (T)	95	Neenah (T)	25
Hartland (V)	126	Balance of County	209	Omro (C)	47
Lisbon (T)	77			Oshkosh (C)	739
Menomonee Falls (V)	384	<b>WAUPACA</b>	617	Oshkosh (T)	15
Merton (T)	55	Clintonville (C)	60	Balance of County	185
Mukwonago (T)	82	Farmington (T)	34		
Mukwonago (V)	94	New London (C) (Pt.)	94	<b>WOOD</b>	957
Muskego (C)	266	Waupaca (C)	107	Grand Rapids (T)	47
New Berlin (C)	364	Balance of County	322	Marshfield (C) (Pt.)	234
Oconomowoc (C)	156			Nekoosa (C)	64
Oconomowoc (T)	80	<b>WAUSHARA</b>	219	Saratoga (T)	35
Ottawa (T)	33	Berlin (C) (Pt.)	6	Wisconsin Rapids (C)	323
Pewaukee (T)	120	Balance of County	213	Balance of County	254

Note: The term "urban" refers to the sum of those incorporated places having a population of 2,500 or more according to the latest population estimates available.

**Table 4. Births by County, City and Hospital of Occurrence**

<b>County</b>	<b>City</b>	<b>Hospital</b>	<b>Births</b>
Ashland	Ashland	Memorial Medical Center	362
Barron	Cumberland	Cumberland Memorial Hospital	56
	Rice Lake	Lakeview Medical Center	442
	Barron	Barron Memorial Medical Center	65
Brown	Green Bay	Bellin Memorial Hospital	1,597
	Green Bay	St. Mary's Hospital Medical Center	640
	Green Bay	St. Vincent Hospital	1,688
Burnett	Grantsburg	Burnett Medical Center, Inc	54
Chippewa	Bloomer	Bloomer Community Memorial Hospital	42
	Chippewa Falls	St Joseph's Hospital	364
	Stanley	Victory Medical Center	46
Clark	Neillsville	Memorial Hospital, Inc	30
Columbia	Columbus	Columbus Community Hospital, Inc	130
	Portage	Divine Savior Hospital and Nursing Home, Inc	181
	Prairie du Chien	Prairie Du Chien Memorial Hospital	152
Crawford Dane	Madison	Meriter Hospital, Inc.	3,176
	Madison	St Mary's Hospital Medical Center	2,903
	Madison	University of Wisconsin Hospital & Clinics Authority	1
	Stoughton	Stoughton Hospital Association	1
Dodge	Beaver Dam	Beaver Dam Community Hospitals, Inc	350
	Watertown	Watertown Memorial Hospital	317
	Waupun	Waupun Memorial Hospital	136
Door	Sturgeon Bay	Door County Memorial Hospital	190
Douglas	Superior	St. Mary's Hospital of Superior	2
Dunn	Menomonie	Myrtle Werth Hospital	273
Eau Claire	Eau Claire	Luther Hospital	859
	Eau Claire	Sacred Heart Hospital	749
Fond du Lac	Fond du Lac	St Agnes Hospital	987
	Ripon	Ripon Medical Center	99
	Boscobel	Boscobel Area Health Care	55
Grant	Lancaster	Grant Regional Health Center, Inc	95
	Platteville	Southwest Health Center, Inc	152
	Monroe	The Monroe Clinic	368
Green	Berlin	Berlin Memorial Hospital	235
Green Lake	Dodgeville	Memorial Hospital of Iowa County, Inc	232
Iowa	Black River Falls	Black River Memorial Hospital	157
Jackson	Ft. Atkinson	Ft Atkinson Memorial Health Services	443
Juneau	Mauston	Hess Memorial Hospital	210
Kenosha	Kenosha	Kenosha Hospital and Medical Center	821
	Kenosha	St Catherine's Hospital	733
Kewaunee	Kewaunee	St Mary's Kewaunee Area Memorial Hospital	39
La Crosse	La Crosse	Lutheran Hospital - La Crosse	1,532
	La Crosse	Franciscan Skemp Healthcare - La Crosse	729
	Darlington	Memorial Hospital of Lafayette County	61
Lafayette	Antigo	Langlade Memorial Hospital	229
Langlade	Merrill	Good Samaritan Health Center	166
	Tomahawk	Sacred Heart Hospital, Inc.	26
	Manitowoc	Holy Family Memorial Medical Center	471
Manitowoc	Two Rivers	Two Rivers Community Hospital, Inc	273
	Wausau	Wausau Hospital	1,480
Marathon	Marinette	Bay Area Medical Center	424
Milwaukee	Cudahy	St. Luke's Medical Center - Southshore	972
	Milwaukee	Sinai-Samaritan Medical Center	4,046
	Milwaukee	St Francis Hospital	1,382
	Milwaukee	St Joseph's Hospital - Milwaukee	3,860
	Milwaukee	St Luke's Medical Center	1,446
	Milwaukee	St Mary's Hospital - Milwaukee	2,282
	Milwaukee	St Michael Hospital	855

**Table 4. Births by County, City and Hospital of Occurrence**

**Birth and Fertility Rates**
**Local and Regional**

<b>County</b>	<b>City</b>	<b>Hospital</b>	<b>Births</b>
Milwaukee	Wauwatosa	John I. Dovne Hospita	400
	West Allis	West Allis Memorial Hospita	1,066
Monroe	Sparta	Franciscan Skemp Healthcare - Sparta	138
	Tomah	Tomah Memorial Hospital, Inc	197
Oconto	Oconto Falls	Community Memorial Hospita	52
Oneida	Rhineland	Sacred Heart-St Mary's Hospital, Inc	353
	Woodruff	Howard Young Medical Center, Inc	268
Outagamie	Appleton	Appleton Medical Center	1,220
	Appleton	St Elizabeth Hospital	1,166
	Kaukauna	Kaukauna Community Hospita	19
	New London	New London Family Medical Cente	158
Ozaukee	Ozaukee	St Marv's Hospital - Ozaukee	660
Pepin	Durand	Chippewa Valley Hospita	34
Polk	Amery	Apple River Hospital	114
	Osceola	Osceola Medical Center	64
	St. Croix	St Croix Valley Memorial Hospita	279
Portage	Stevens Point	St Michael's Hospital	759
Price	Park Falls	Flambeau Medical Center	108
Racine	Burlington	Memorial Hospital Corporation of Burlingto	545
	Racine	St Luke's Memorial Hospita	1,968
Richland	Richland Center	The Richland Hospital, Inc	172
Rock	Beloit	Beloit Memorial Hospital, Inc	663
	Janesville	Mercy Health Svstem	1,334
Rusk	Ladysmith	Rusk County Memorial Hospita	111
Sauk	Baraboo	St Clare Hospital and Health Service	284
	Prairie du Sac	Sauk Prairie Memorial Hospita	208
	Reedsburg	Reedsburg Area Medical Center	185
Sawver	Havward	Havward Area Memorial Hospita	119
Shawano	Shawano	Shawano Medical Center	357
Sheboygan	Plymouth	Valley View Medical Cente	149
	Sheboygan	Sheboygan Memorial Medical Cente	912
	Sheboygan	St Nicholas Hospital	337
St. Croix	Baldwin	Baldwin Hospital, Inc	57
	Hudson	Hudson Memorial Hospital, Inc	150
	New Richmond	Holy Family Hospita	147
	River Falls	River Falls Area Hospita	212
Taylor	Medford	Memorial Hospital of Taylor County, Inc	156
Trempealeau	Arcadia	Franciscan Skemp Healthcare - Arcadia	57
Vernon	Hillsboro	St Joseph's Memorial Hospital, Inc	42
	Viroqua	Vernon Memorial Hosrital	148
Walworth	Elkhorn	Lakeland Medical Center, Inc	459
Washburn	Shell Lake	Indianhead Medical Center, Inc	31
	Spooner	Spooner Community Memorial Hospita	101
Washington	Hartford	Hartford Memorial Hospita	241
	West Bend	St Joseph's Community Hosrital	706
Waukesha	Brookfield	Elmbrook Memorial Hosrital	938
	Menomonee Falls	Community Memorial Hosrital	1,007
	Oconomowoc	Memorial Hospital at Oconomowoc	495
	Waukesha	Waukesha Memorial Hospital, Inc	2,085
Waupaca	Waupaca	Riverside Medical Center	233
Waushara	Wild Rose	Wild Rose Community Memorial Hospital, Inc	30
Winnebago	Neenah	Theda Clark Medical Center	1,500
	Oshkosh	Mercy Medical Center	659
Wood	Marshfield	St Joseph's Hospital	1,198
	Wisconsin Rapids	Riverview Hospital Associati	643

Note: Births are all those that occurred at the hospital, including births to women who were not Wisconsin residents.

**Table 5. Home Births by County of Birth**

County of Birth	Number of Births	County of Birth	Number of Births
Adams	4	Marathon	33
Ashland	6	Marinette	3
Barron	10	Marquette	10
Bayfield	3	Menominee	-
Brown	28	Milwaukee	58
Buffalo	4	Monroe	53
Burnett	2	Oconto	4
Calumet	4	Oneida	3
Chippewa	1	Outagamie	11
Clark	87	Ozaukee	5
Columbia	17	Pepin	8
Crawford	4	Pierce	1
Dane	23	Polk	1
Dodge	9	Portage	20
Door	2	Price	-
Douglas	1	Racine	8
Dunn	3	Richland	12
Eau Claire	34	Rock	12
Florence	-	Rusk	3
Fond du Lac	11	St. Croix	4
Forest	-	Sauk	14
Grant	6	Sawyer	5
Green	2	Shawano	13
Green Lake	19	Sheboygan	9
Iowa	2	Taylor	8
Iron	-	Trempealeau	2
Jackson	-	Vernon	59
Jefferson	3	Vilas	1
Juneau	3	Walworth	12
Kenosha	12	Washburn	4
Kewaunee	2	Washington	8
La Crosse	3	Waukesha	16
Lafayette	-	Waupaca	9
Langlade	1	Waushara	8
Lincoln	3	Winnebago	10
Manitowoc	3	Wood	2
		<b>Total</b>	<b>741</b>

Note: In Vernon County, 22 deliveries took place at a clinic. These births are not included in either the hospital or home birth totals shown.



**Table 6a. Number of Births by Age of Mother and County of Residence**

County	Total	< 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
<b>Total</b>	<b>67,150</b>	<b>143</b>	<b>2,509</b>	<b>4,454</b>	<b>14,345</b>	<b>20,308</b>	<b>17,274</b>	<b>6,939</b>	<b>1,132</b>	<b>43</b>
Adams	184	-	8	10	63	47	37	18	1	-
Ashland	234	-	6	23	67	76	39	20	3	-
Barron	503	-	15	47	130	164	100	36	11	-
Bayfield	149	2	1	12	31	36	40	20	7	-
Brown	3,051	5	85	166	588	998	851	321	35	2
Buffalo	146	-	1	8	36	49	31	18	3	-
Burnett	147	-	7	16	41	41	29	11	2	-
Calumet	466	-	10	20	71	160	146	48	10	-
Chippewa	590	-	15	51	138	201	129	49	7	-
Clark	467	-	9	21	124	160	105	40	8	-
Columbia	616	-	14	43	125	191	163	68	12	-
Crawford	183	-	4	10	43	58	44	19	5	-
Dane	4,977	5	93	198	740	1,523	1,562	737	113	6
Dodge	976	-	33	62	223	360	212	71	15	-
Door	260	-	5	20	47	76	76	29	7	-
Douglas	532	-	24	34	154	137	127	49	6	1
Dunn	434	1	16	26	115	144	90	32	10	-
Eau Claire	1,079	2	38	78	232	336	263	100	30	-
Florence	64	-	4	3	11	23	19	4	-	-
Fond du Lac	1,138	-	25	86	263	358	281	105	20	-
Forest	94	-	5	6	34	31	13	5	-	-
Grant	497	-	7	34	125	145	130	42	14	-
Green	408	-	7	28	86	128	99	54	6	-
Green Lake	208	1	5	20	52	61	48	19	2	-
Iowa	260	-	4	13	50	86	74	27	6	-
Iron	76	-	2	1	20	21	24	7	1	-
Jackson	193	-	4	17	57	60	43	11	1	-
Jefferson	892	-	21	50	189	303	224	94	11	-
Juneau	264	-	14	25	74	65	62	20	4	-
Kenosha	2,008	6	84	153	444	592	514	187	27	1
Kewaunee	214	-	10	11	39	88	51	14	1	-
La Crosse	1,236	-	31	54	260	410	337	121	16	7
Lafayette	180	-	2	8	47	51	44	26	2	-
Langlade	214	-	13	13	59	67	38	22	2	-
Lincoln	338	-	15	30	88	110	66	23	6	-
Manitowoc	941	-	27	55	208	306	221	100	23	1
Marathon	1,621	5	41	81	350	540	414	158	30	2
Marinette	456	1	12	30	120	146	104	42	1	-
Marquette	147	-	8	10	42	48	24	13	2	-
Menominee	91	1	8	7	28	19	19	8	1	-
Milwaukee	14,792	86	1,063	1,417	3,646	3,785	3,208	1,337	245	5
Monroe	557	-	26	37	165	165	109	45	10	-

**Table 6a. Number of Births by Age of Mother and County of Residence**

County	Total	< 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Oconto	374	-	16	19	81	124	93	33	7	-
Oneida	326	-	6	24	72	96	92	31	4	1
Outagamie	2,101	3	45	105	369	722	641	193	23	-
Ozaukee	961	1	10	24	110	268	347	178	23	-
Pepin	75	-	1	4	14	29	16	10	1	-
Pierce	373	-	8	12	97	131	100	23	2	-
Polk	409	-	7	28	101	131	97	36	9	-
Portage	797	2	18	46	166	278	193	77	16	1
Price	154	-	5	11	36	51	36	13	2	-
Racine	2,592	10	114	224	606	741	636	223	37	1
Richland	187	-	2	11	45	69	33	20	7	-
Rock	1,969	3	86	154	522	594	441	149	19	1
Rusk	161	-	6	13	45	53	30	13	1	-
St. Croix	767	-	12	35	143	272	207	88	9	1
Sauk	676	-	22	43	153	239	155	51	13	-
Sawyer	188	2	8	18	52	47	39	17	5	-
Shawano	458	1	14	29	133	145	98	33	5	-
Sheboygan	1,333	-	37	85	291	431	331	138	19	1
Taylor	225	-	4	6	62	80	49	20	4	-
Trempealeau	326	-	11	17	80	105	72	32	9	-
Vernon	338	-	4	17	63	100	88	50	15	1
Vilas	167	-	5	15	32	53	39	17	6	-
Walworth	1,019	2	27	67	215	311	272	102	20	3
Washburn	148	-	3	14	39	40	30	18	4	-
Washington	1,456	-	24	56	199	474	494	190	18	1
Waukesha	4,138	1	67	106	441	1,199	1,562	666	91	5
Waupaca	617	1	19	48	134	194	160	55	6	-
Waushara	219	-	12	26	59	53	41	21	6	1
Winnebago	1,756	1	56	82	347	577	474	194	23	1
Wood	957	1	38	81	213	336	198	78	12	-

Note: Included in the totals are 3 births for which age of mother was not reported. A dash (-) indicates that there were no events in that category.

**Table 6b. Percent of Births by Age of Mother and County of Residence**

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
<b>Total</b>	<b>67,150</b>	<b>0%</b>	<b>4%</b>	<b>7%</b>	<b>21%</b>	<b>30%</b>	<b>26%</b>	<b>10%</b>	<b>2%</b>	<b>0%</b>
Adams	184	-	4	5	34	26	20	10	1	-
Ashland	234	-	3	10	29	32	17	9	1	-
Barron	503	-	3	9	26	33	20	7	2	-
Bayfield	149	1	1	8	21	24	27	13	5	-
Brown	3,051	0	3	5	19	33	28	11	1	0
Buffalo	146	-	1	5	25	34	21	12	2	-
Burnett	147	-	5	11	28	28	20	7	1	-
Calumet	466	-	2	4	15	34	31	10	2	-
Chippewa	590	-	3	9	23	34	22	8	1	-
Clark	467	-	2	4	27	34	22	9	2	-
Columbia	616	-	2	7	20	31	26	11	2	-
Crawford	183	-	2	5	23	32	24	10	3	-
Dane	4,977	0	2	4	15	31	31	15	2	0
Dodge	976	-	3	6	23	37	22	7	2	-
Door	260	-	2	8	18	29	29	11	3	-
Douglas	532	-	5	6	29	26	24	9	1	0
Dunn	434	0	4	6	26	33	21	7	2	-
Eau Claire	1,079	0	4	7	22	31	24	9	3	-
Florence	64	-	6	5	17	36	30	6	-	-
Fond du Lac	1,138	-	2	8	23	31	25	9	2	-
Forest	94	-	5	6	36	33	14	5	-	-
Grant	497	-	1	7	25	29	26	8	3	-
Green	408	-	2	7	21	31	24	13	1	-
Green Lake	208	0	2	10	25	29	23	9	1	-
Iowa	260	-	2	5	19	33	28	10	2	-
Iron	76	-	3	1	26	28	32	9	1	-
Jackson	193	-	2	9	30	31	22	6	1	-
Jefferson	892	-	2	6	21	34	25	11	1	-
Juneau	264	-	5	9	28	25	23	8	2	-
Kenosha	2,008	0	4	8	22	29	26	9	1	0
Kewaunee	214	-	5	5	18	41	24	7	1	-
La Crosse	1,236	-	3	4	21	33	27	10	1	1
Lafayette	180	-	1	4	26	28	24	14	1	-
Langlade	214	-	6	6	28	31	18	10	1	-
Lincoln	338	-	4	9	26	33	20	7	2	-
Manitowoc	941	-	3	6	22	33	23	11	2	0
Marathon	1,621	0	3	5	22	33	26	10	2	0
Marinette	456	0	3	7	26	32	23	9	0	-
Marquette	147	-	5	7	29	33	16	9	1	-
Menominee	91	1	9	8	31	21	21	9	1	-
Milwaukee	14,792	1	7	10	25	26	22	9	2	0
Monroe	557	-	5	7	30	30	20	8	2	-

**Table 6b. Percent of Births by Age of Mother and County of Residence**

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Oconto	374	-%	4%	5%	22%	33%	25%	9%	2%	-%
Oneida	326	-	2	7	22	29	28	10	1	0
Outagamie	2,101	0	2	5	18	34	31	9	1	-
Ozaukee	961	0	1	2	11	28	36	19	2	-
Pepin	75	-	1	5	19	39	21	13	1	-
Pierce	373	-	2	3	26	35	27	6	1	-
Polk	409	-	2	7	25	32	24	9	2	-
Portage	797	0	2	6	21	35	24	10	2	0
Price	154	-	3	7	23	33	23	8	1	-
Racine	2,592	0	4	9	23	29	25	9	1	0
Richland	187	-	1	6	24	37	18	11	4	-
Rock	1,969	0	4	8	27	30	22	8	10	0
Rusk	161	-	4	8	28	33	19	8	1	-
St. Croix	767	-	2	5	19	35	27	11	1	0
Sauk	676	-	3	6	23	35	23	8	2	-
Sawyer	188	1	4	10	28	25	21	9	3	-
Shawano	458	0	3	6	29	32	21	7	1	-
Sheboygan	1,333	-	3	6	22	32	25	10	1	0
Taylor	225	-	2	3	28	36	22	9	2	-
Trempealeau	326	-	3	5	25	32	22	10	3	-
Vernon	338	-	1	5	19	30	26	15	4	0
Vilas	167	-	3	9	19	32	23	10	4	-
Walworth	1,019	0	3	7	21	31	27	10	2	0
Washburn	148	-	2	9	26	27	20	12	3	-
Washington	1,456	-	2	4	14	33	34	13	1	0
Waukesha	4,138	0	2	3	11	29	38	16	2	0
Waupaca	617	0	3	8	22	31	26	9	10	-
Waushara	219	-	6	12	27	24	19	10	3	0
Winnebago	1,756	0	3	5	20	33	27	11	1	0
Wood	957	0	4	8	22	35	21	8	1	-

Note: Included in the totals are 3 births for which age of mother was not reported. A dash (-) indicates that there were no events in that category. A zero (0) indicates less than 0.5 percent.

**Table 7a. Number of Births by Age of Mother and Region**

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
<b>Total</b>	<b>67,150</b>	<b>143</b>	<b>2,509</b>	<b>4,454</b>	<b>14,345</b>	<b>20,308</b>	<b>17,274</b>	<b>6,939</b>	<b>1,132</b>	<b>43</b>
<b>DHFS Regions</b>										
Southern	11,377	8	296	639	2,296	3,556	3,056	1,302	217	7
Southeastern	27,858	106	1,410	2,097	5,850	7,673	7,257	2,977	472	16
Northeastern	13,830	14	394	819	2,872	4,506	3,659	1,366	191	6
Western	8,481	3	238	529	2,034	2,728	2,003	782	154	10
Northern	5,604	12	171	370	1,293	1,845	1,299	512	98	4
<b>Perinatal Regions</b>										
South Central	13,105	10	340	746	2,657	4,112	3,508	1,479	243	10
South East	27,280	104	1,399	2,065	5,737	7,490	7,092	2,919	460	14
Fox Valley	6,652	6	180	397	1,337	2,173	1,815	648	92	2
North East	5,845	8	177	337	1,244	1,902	1,513	580	80	3
Western	6,116	3	163	343	1,406	1,990	1,497	585	120	9
North Central	6,678	8	199	448	1,560	2,243	1,521	586	109	4
Northwest	1,474	4	51	118	404	398	328	142	28	1

**Table 7b. Percent of Births by Age of Mother and Region**

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
<b>Total</b>	<b>67,150</b>	<b>0%</b>	<b>4%</b>	<b>7%</b>	<b>21%</b>	<b>30%</b>	<b>26%</b>	<b>10%</b>	<b>2%</b>	<b>0%</b>
<b>DHFS Regions</b>										
Southern	11,377	0	3	6	20	31	27	11	2	0
Southeastern	27,858	0	5	8	21	28	26	11	2	0
Northeastern	13,830	0	3	6	21	33	26	10	1	0
Western	8,481	0	3	6	24	32	24	9	2	0
Northern	5,604	0	3	7	23	33	23	9	2	0
<b>Perinatal Regions</b>										
South Central	13,105	0	3	6	20	31	27	11	2	0
South East	27,280	0	5	8	21	27	26	11	2	0
Fox Valley	6,652	0	3	6	20	33	27	10	1	0
North East	5,845	0	3	6	21	33	26	10	1	0
Western	6,116	0	3	6	23	33	24	10	2	0
North Central	6,678	0	3	7	23	34	23	9	2	0
Northwest	1,474	0	3	8	27	27	22	10	2	0

Note: Included in the totals are 3 births for which age of mother was not reported. A dash (-) indicates that there were no events in that category. A zero (0) indicates less than 0.5 percent. Percents may not add to 100 due to rounding. For information and maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (Pages 75 and 76).

**Table 8a. Number of Births by Race/Ethnicity of Mother and County of Residence**

County	Total	White	Black	Amer. Indian	Hispanic	Laotian/ Hmong	Other
<b>Total</b>	<b>67,150</b>	<b>54,915</b>	<b>6,380</b>	<b>812</b>	<b>3,138</b>	<b>1,031</b>	<b>855</b>
Adams	184	180	1	-	2	-	1
Ashland	234	207	2	24	1	-	-
Barron	503	487	1	9	5	-	1
Bayfield	149	123	-	25	1	-	-
Brown	3,051	2,688	23	112	95	107	26
Buffalo	146	146	-	-	-	-	-
Burnett	147	129	1	16	1	-	-
Calumet	466	451	1	2	6	6	-
Chippewa	590	579	-	-	4	3	4
Clark	467	461	1	2	2	-	1
Columbia	616	599	-	2	12	-	3
Crawford	183	181	-	-	2	-	-
Dane	4,977	4,244	301	23	174	58	177
Dodge	976	938	3	6	23	-	6
Door	260	251	-	2	6	-	1
Douglas	532	493	5	16	2	2	4
Dunn	434	397	3	-	4	26	4
Eau Claire	1,079	999	5	9	6	43	16
Florence	64	64	-	-	-	-	-
Fond du Lac	1,138	1,082	12	5	25	9	4
Forest	94	68	-	22	4	-	-
Grant	497	486	1	-	6	2	2
Green	408	398	2	2	4	-	2
Green Lake	208	198	-	1	6	3	-
Iowa	260	260	-	-	-	-	-
Iron	76	71	-	5	-	-	-
Jackson	193	172	-	16	5	-	-
Jefferson	892	836	1	3	46	-	6
Juneau	264	250	1	5	5	2	1
Kenosha	2,008	1,617	179	9	188	-	15
Kewaunee	214	210	-	2	1	-	1
La Crosse	1,236	1,115	5	6	10	86	14
Lafayette	180	179	1	-	-	-	-
Langlade	214	205	-	6	2	-	1
Lincoln	338	334	-	1	3	-	-
Manitowoc	941	875	2	4	14	35	10
Marathon	1,621	1,480	3	3	7	117	11
Marinette	456	443	1	4	4	-	4
Marquette	147	142	-	-	5	-	-
Menominee	91	8	-	82	1	-	-
Milwaukee	14,792	7,364	5,238	114	1,523	250	303
Monroe	557	525	6	7	16	-	3

**Table 8a. Number of Births by Race/Ethnicity of Mother and County of Residence**

County	Total	White	Black	Amer. Indian	Hispanic	Laotian/ Hmong	Other
Oconto	374	361	-	9	1	-	2
Oneida	326	316	1	5	1	-	3
Outagamie	2,101	1,911	6	25	58	78	23
Ozaukee	961	927	2	1	16	1	14
Pepin	75	74	-	-	-	-	1
Pierce	373	367	1	1	2	-	1
Polk	409	394	1	9	3	-	2
Portage	797	728	1	4	15	46	3
Price	154	151	-	-	2	-	1
Racine	2,592	1,873	403	8	294	-	14
Richland	187	184	1	-	2	-	-
Rock	1,969	1,750	121	4	73	1	20
Rusk	161	158	-	-	1	2	-
St. Croix	767	752	-	2	7	1	2
Sauk	676	643	3	13	14	-	3
Sawyer	188	141	-	45	2	-	-
Shawano	458	408	-	43	6	-	1
Sheboygan	1,333	1,180	4	4	46	76	23
Taylor	225	220	-	-	4	-	1
Trempealeau	326	321	-	1	3	-	1
Vernon	338	337	-	-	-	-	1
Vilas	167	128	-	36	3	-	-
Walworth	1,019	888	8	3	106	-	14
Washburn	148	141	-	2	4	-	1
Washington	1,456	1,435	1	2	12	1	5
Waukesha	4,138	3,891	19	16	141	2	69
Waupaca	617	595	1	7	11	-	3
Waushara	219	192	-	1	26	-	-
Winnebago	1,756	1,632	5	6	44	50	18
Wood	957	882	3	20	20	24	8

Note: See Technical Notes for full definitions of race/ethnicity categories. Included in the totals are 19 births for which race/ethnicity of mother was not reported. A dash (-) indicates that there were no events in that category.

**Table 8b. Percent of Births by Race/Ethnicity of Mother and County of Residence**

County	Total	White	Black	Amer. Indian	Hispanic	Laotian/ Hmong	Other
<b>Total</b>	<b>67,150</b>	<b>82%</b>	<b>10%</b>	<b>1%</b>	<b>5%</b>	<b>2%</b>	<b>1%</b>
Adams	184	98	1	-	1	-	1
Ashland	234	88	1	10	0	-	-
Barron	503	97	0	2	1	-	2
Bayfield	149	83	-	17	1	-	-
Brown	3,051	88	1	4	3	4	1
Buffalo	146	100	-	-	-	-	-
Burnett	147	88	1	11	1	-	-
Calumet	466	97	0	0	1	1	-
Chippewa	590	98	-	-	1	1	1
Clark	467	99	0	0	0	-	0
Columbia	616	97	-	0	2	-	0
Crawford	183	99	-	-	1	-	-
Dane	4,977	85	6	0	3	1	4
Dodge	976	96	0	1	2	-	1
Door	260	97	-	1	2	-	0
Douglas	532	93	1	3	0	0	1
Dunn	434	91	1	-	1	6	1
Eau Claire	1,079	93	0	1	1	4	1
Florence	64	100	-	-	-	-	-
Fond du Lac	1,138	95	1	0	2	1	0
Forest	94	72	-	23	4	-	-
Grant	497	98	0	-	1	0	0
Green	408	98	0	0	1	-	0
Green Lake	208	95	-	0	3	1	-
Iowa	260	100	-	-	-	-	-
Iron	76	93	-	7	-	-	-
Jackson	193	89	-	8	3	-	-
Jefferson	892	94	0	0	5	-	1
Juneau	264	95	0	2	2	1	0
Kenosha	2,008	81	9	0	9	-	1
Kewaunee	214	98	-	1	0	-	0
La Crosse	1,236	90	0	0	1	7	1
Lafayette	180	99	1	-	-	-	-
Langlade	214	96	-	3	1	-	0
Lincoln	338	99	-	0	1	-	-
Manitowoc	941	93	0	0	1	4	1
Marathon	1,621	91	0	0	0	7	1
Marinette	456	97	0	1	1	-	1
Marquette	147	97	-	-	3	-	-
Menominee	91	9	-	90	1	-	-
Milwaukee	14,792	50	35	1	10	2	2
Monroe	557	94	1	1	3	-	1



**Table 8b. Percent of Births by Race/Ethnicity of Mother and County of Residence**

County	Total	White	Black	Amer. Indian	Hispanic	Laotian/ Hmong	Other
Oconto	374	97%	-%	2%	0%	-%	1%
Oneida	326	97	0	2	0	-	1
Outagamie	2,101	91	0	1	3	4	1
Ozaukee	961	96	0	0	2	0	1
Pepin	75	99	-	-	-	-	1
Pierce	373	98	0	0	1	-	0
Polk	409	96	0	2	1	-	0
Portage	797	91	0	1	2	6	0
Price	154	98	-	-	1	-	1
Racine	2,592	72	16	0	11	-	1
Richland	187	98	1	-	1	-	-
Rock	1,969	89	6	0	4	0	1
Rusk	161	98	-	-	1	1	-
St. Croix	767	98	-	0	1	0	0
Sauk	676	95	0	2	2	-	0
Sawyer	188	75	-	24	1	-	-
Shawano	458	89	-	9	1	-	0
Sheboygan	1,333	89	0	0	3	6	2
Taylor	225	98	-	-	2	-	0
Trempealeau	326	98	-	0	1	-	0
Vernon	338	100	-	-	-	-	0
Vilas	167	77	-	22	2	-	-
Walworth	1,019	87	1	0	10	-	1
Washburn	148	95	-	1	3	-	1
Washington	1,456	99	0	0	1	0	0
Waukesha	4,138	94	0	0	3	0	2
Waupaca	617	96	0	1	2	-	0
Waushara	219	88	-	0	12	-	-
Winnebago	1,756	93	0	0	3	3	1
Wood	957	92	0	2	2	3	1

Note: See Technical Notes for full definitions of race/ethnicity categories. Included in the totals are 19 births for which race/ethnicity of mother was not reported. A dash (-) indicates that there were no events in that category. A zero (0) indicates less than 0.5 percent.

**Table 9a. Number of Births by Race/Ethnicity of Mother and Region**

	Total	White	Black	Amer. Indian	Hispanic	Laotian/ Hmong	Other
<b>Total</b>	<b>67,150</b>	<b>54,915</b>	<b>6,380</b>	<b>812</b>	<b>3,138</b>	<b>1,031</b>	<b>855</b>
<b>DHFS Regions</b>							
Southern	11,377	10,292	435	55	317	63	215
Southeastern	27,858	18,831	5,851	156	2,326	254	440
Northeastern	13,830	12,627	55	309	355	364	116
Western	8,481	8,047	29	96	75	163	56
Northern	5,604	5,118	10	196	65	187	28
<b>Perinatal Regions</b>							
South Central	13,105	11,835	444	61	467	63	235
South East	27,280	18,287	5,846	154	2,220	330	443
Fox Valley	6,652	6,203	25	47	181	146	48
North East	5,845	5,244	26	258	128	142	45
Western	6,116	5,780	21	51	58	156	45
North Central	6,678	6,261	10	108	73	192	34
Northwest	1,474	1,305	8	133	11	2	5

**Table 9b. Percent of Births by Race/Ethnicity of Mother and Region**

	Total	White	Black	Amer. Indian	Hispanic	Laotian/ Hmong	Other
<b>Total</b>	<b>67,150</b>	<b>82%</b>	<b>10%</b>	<b>1%</b>	<b>5%</b>	<b>2%</b>	<b>1%</b>
<b>DHFS Regions</b>							
Southern	11,377	90	4	0	3	1	2
Southeastern	27,858	68	21	1	8	1	2
Northeastern	13,830	45	0	1	1	1	0
Western	8,481	95	0	1	1	2	1
Northern	5,604	91	0	3	1	3	0
<b>Perinatal Regions</b>							
South Central	13,105	90	3	0	4	0	2
South East	27,280	67	21	1	8	1	2
Fox Valley	6,652	93	0	1	3	2	1
North East	5,845	90	0	4	2	2	1
Western	6,116	95	0	1	1	3	1
North Central	6,678	94	0	2	1	3	1
Northwest	1,474	89	1	9	1	0	0

Note: See Technical Notes for full definitions of race/ethnicity categories. Included in the totals are 19 births for which race/ethnicity of mother was not reported. A zero (0) indicates less than 0.5 percent. Percents may not add to 100 due to rounding. For information and maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (Pages 75 and 76).

**Table 10a. Number of Births by Education of Mother and County of Residence**

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
<b>Total</b>	<b>67,150</b>	<b>2,086</b>	<b>8,709</b>	<b>22,474</b>	<b>16,631</b>	<b>10,778</b>	<b>6,389</b>
Adams	184	3	38	82	41	13	7
Ashland	234	1	23	100	77	25	8
Barron	503	22	54	202	133	57	34
Bayfield	149	2	9	62	37	22	17
Brown	3,051	127	321	967	770	615	248
Buffalo	146	3	7	57	49	22	8
Burnett	147	2	19	62	39	13	10
Calumet	466	3	31	191	128	71	42
Chippewa	590	3	46	241	187	72	40
Clark	467	104	31	168	106	31	27
Columbia	616	15	55	218	191	92	44
Crawford	183	4	10	81	49	26	13
Dane	4,977	66	330	1,088	1,286	1,161	1,042
Dodge	976	3	108	437	267	103	58
Door	260	2	17	104	67	48	22
Douglas	532	5	64	200	151	69	36
Dunn	434	19	32	149	128	62	43
Eau Claire	1,079	60	91	303	313	169	140
Florence	64	-	5	22	21	11	5
Fond du Lac	1,138	13	125	468	309	149	72
Forest	94	1	21	40	23	5	4
Grant	497	7	38	176	168	72	31
Green	408	-	42	144	105	71	46
Green Lake	208	23	23	76	51	22	13
Iowa	260	1	18	97	82	29	33
Iron	76	-	9	30	26	9	2
Jackson	193	1	21	101	48	12	10
Jefferson	892	10	80	348	239	131	83
Juneau	264	3	44	124	58	19	15
Kenosha	2,008	45	334	738	473	270	147
Kewaunee	214	-	16	107	59	26	6
La Crosse	1,236	54	87	329	406	207	152
Lafayette	180	-	12	64	63	25	15
Langlade	214	1	29	92	56	15	21
Lincoln	338	1	37	143	91	40	26
Manitowoc	941	30	103	331	291	128	55
Marathon	1,621	108	123	563	483	212	132
Marinette	456	3	46	207	130	42	28
Marquette	147	6	21	58	35	17	10
Menominee	91	5	23	41	19	3	-
Milwaukee	14,792	686	3,667	4,580	2,807	1,949	1,100
Monroe	557	75	80	196	129	45	31

**Table 10a. Number of Births by Education of Mother and County of Residence**

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Oconto	374	2	47	161	100	43	20
Oneida	326	2	36	139	83	37	29
Outagamie	2,101	59	147	780	518	415	179
Ozaukee	961	2	40	205	231	330	153
Pepin	75	12	2	27	18	9	7
Pierce	373	-	12	128	113	71	46
Polk	409	-	44	191	98	44	32
Portage	797	33	73	256	205	143	86
Price	154	1	18	58	46	16	15
Racine	2,592	62	390	932	648	341	216
Richland	187	9	25	74	52	16	11
Rock	1,969	32	320	715	521	221	152
Rusk	161	3	30	68	42	12	6
St. Croix	767	1	43	255	219	158	83
Sauk	676	22	78	245	201	74	56
Sawyer	188	4	29	79	39	22	15
Shawano	458	11	44	212	125	41	24
Sheboygan	1,333	50	151	482	321	218	109
Taylor	225	11	24	98	61	22	9
Trempealeau	326	11	27	134	97	35	22
Vernon	338	74	16	94	87	44	23
Vilas	167	1	23	62	50	19	12
Walworth	1,019	48	108	365	244	163	91
Washburn	148	1	18	53	49	18	9
Washington	1,456	3	74	520	401	329	128
Waukesha	4,138	29	186	1,006	1,021	1,249	646
Waupaca	617	7	73	276	145	66	49
Waushara	219	21	36	82	47	16	17
Winnebago	1,756	42	195	609	398	319	188
Wood	957	16	110	381	260	107	80

Note: "Some High School" or "Some College" means the mother completed at least one year of schooling at that level. Included in the totals are 83 births for which education of mother was not reported.  
A dash (-) indicates that there were no events in that category.

**Table 10b. Percent of Births by Education of Mother and County of Residence**

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
<b>Total</b>	<b>67,150</b>	<b>3%</b>	<b>13%</b>	<b>33%</b>	<b>25%</b>	<b>16%</b>	<b>10%</b>
Adams	184	2	21	45	22	7	4
Ashland	234	0	10	43	33	11	3
Barron	503	4	11	40	26	11	7
Bayfield	149	1	6	42	25	15	11
Brown	3,051	4	11	32	25	20	8
Buffalo	146	2	5	39	34	15	5
Burnett	147	1	13	42	27	9	7
Calumet	466	1	7	41	27	15	9
Chippewa	590	1	8	41	32	12	7
Clark	467	22	7	36	23	7	6
Columbia	616	2	9	35	31	15	7
Crawford	183	2	5	44	27	14	7
Dane	4,977	1	7	22	26	23	21
Dodge	976	0	11	45	27	11	6
Door	260	1	7	40	26	18	8
Douglas	532	1	12	38	28	13	7
Dunn	434	4	7	34	29	14	10
Eau Claire	1,079	6	8	28	29	16	13
Florence	64	-	8	34	33	17	8
Fond du Lac	1,138	1	11	41	27	13	6
Forest	94	1	22	43	24	5	4
Grant	497	1	8	35	34	14	6
Green	408	-	10	35	26	17	11
Green Lake	208	11	11	37	25	11	6
Iowa	260	0	7	37	32	11	13
Iron	76	-	12	39	34	12	3
Jackson	193	1	11	52	25	6	5
Jefferson	892	1	9	39	27	15	9
Juneau	264	1	17	47	22	7	6
Kenosha	2,008	2	17	37	24	13	7
Kewaunee	214	-	7	50	28	12	3
La Crosse	1,236	4	7	27	33	17	12
Lafayette	180	-	7	36	35	14	8
Langlade	214	0	14	43	26	7	10
Lincoln	338	0	11	42	27	12	8
Manitowoc	941	3	11	35	31	14	6
Marathon	1,621	7	8	35	30	13	8
Marinette	456	1	10	45	29	9	6
Marquette	147	4	14	39	24	12	7
Menominee	91	5	25	45	21	3	-
Milwaukee	14,792	5	25	31	19	13	7
Monroe	557	13	14	35	23	8	6

**Table 10b. Percent of Births by Education of Mother and County of Residence**

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Oconto	374	1%	13%	43%	27%	11%	5%
Oneida	326	1	11	43	25	11	9
Outagamie	2,101	3	7	37	25	20	9
Ozaukee	961	0	4	21	24	34	16
Pepin	75	16	3	36	24	12	9
Pierce	373	-	3	34	30	19	12
Polk	409	-	11	47	24	11	8
Portage	797	4	10	32	26	18	11
Price	154	1	12	38	30	10	10
Racine	2,592	2	15	36	25	13	8
Richland	187	5	13	40	28	9	6
Rock	1,969	2	16	36	26	11	8
Rusk	161	2	19	42	26	7	4
St. Croix	767	0	6	33	29	21	11
Sauk	676	3	12	36	30	11	8
Sawyer	188	2	15	42	21	12	8
Shawano	458	2	10	46	27	9	5
Sheboygan	1,333	4	11	36	24	16	8
Taylor	225	5	11	44	27	10	4
Trempealeau	326	3	8	41	30	11	7
Vernon	338	22	5	28	26	13	7
Vilas	167	1	14	37	30	11	7
Walworth	1,019	5	11	36	24	16	9
Washburn	148	1	12	36	33	12	6
Washington	1,456	0	5	36	28	23	9
Waukesha	4,138	1	4	24	25	30	16
Waupaca	617	1	12	45	24	11	8
Waushara	219	10	16	37	21	7	8
Winnebago	1,756	2	11	35	23	18	11
Wood	957	2	11	40	27	11	8

Note: "Some High School" or "Some College" means the mother completed at least one year of schooling at that level. Included in the totals are 83 births for which education of mother was not reported.  
 A dash (-) indicates that there were no events in that category. A zero (0) indicates less than 0.5 percent.

**Table 11a. Number of Births by Education of Mother and Region**

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
<b>Total</b>	<b>67,150</b>	<b>2,086</b>	<b>8,709</b>	<b>22,474</b>	<b>16,631</b>	<b>10,778</b>	<b>6,389</b>
<b>DHFS Regions</b>							
Southern	11,377	165	1,118	3,545	3,084	1,922	1,523
Southeastern	27,858	885	4,879	8,694	6,064	4,762	2,564
Northeastern	13,830	404	1,419	5,152	3,513	2,239	1,082
Western	8,481	450	724	2,958	2,412	1,150	759
Northern	5,604	182	569	2,125	1,558	705	461
<b>Perinatal Regions</b>							
South Central	13,105	219	1,296	4,177	3,518	2,190	1,684
Southeast	27,280	877	4,842	8,463	5,902	4,686	2,499
Fox Valley	6,652	174	651	2,540	1,631	1,075	570
Northeast	5,845	180	617	2,130	1,561	946	403
Western	6,116	314	472	2,045	1,754	904	610
North Central	6,678	307	660	2,533	1,847	799	526
Northwest	1,474	15	171	586	418	178	97

**Table 11b. Percent of Births by Education of Mother and Region**

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
<b>Total</b>	<b>67,150</b>	<b>3%</b>	<b>13%</b>	<b>33%</b>	<b>25%</b>	<b>16%</b>	<b>10%</b>
<b>DHFS Regions</b>							
Southern	11,377	1	10	31	27	17	13
Southeastern	27,858	3	18	31	22	17	9
Northeastern	13,830	3	10	37	25	16	8
Western	8,481	5	9	35	28	14	9
Northern	5,604	3	10	38	28	13	8
<b>Perinatal Regions</b>							
South Central	13,105	2	10	32	27	17	13
Southeast	27,280	3	18	31	22	17	9
Fox Valley	6,652	3	10	38	25	16	9
Northeast	5,845	3	11	36	27	16	7
Western	6,116	5	8	33	29	15	10
North Central	6,678	5	10	38	28	12	8
Northwest	1,474	1	12	40	28	12	7

Note: "Some High School" or "Some College" means the mother completed at least one year of schooling at that level. Included in the totals are 83 births for which education of mother was not reported. For information and maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (Pages 75 and 76).

**Table 12a. Number of Births to Unmarried Mothers by Age and County of Residence**

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
<b>Total</b>	<b>18,530</b>	<b>142</b>	<b>2,274</b>	<b>3,541</b>	<b>6,723</b>	<b>3,266</b>	<b>1,671</b>	<b>752</b>	<b>154</b>	<b>7</b>
Adams	55	-	5	6	21	12	7	4	-	-
Ashland	52	-	5	10	20	11	3	1	2	-
Barron	137	-	13	36	42	27	13	4	2	-
Bayfield	44	2	1	9	15	9	4	3	1	-
Brown	756	5	72	143	281	140	85	24	5	1
Buffalo	21	-	1	5	6	3	2	4	-	-
Burnett	47	-	7	8	21	7	4	-	-	-
Calumet	65	-	9	16	22	15	1	2	-	-
Chippewa	153	-	15	36	55	28	13	4	2	-
Clark	74	-	8	15	26	17	4	4	-	-
Columbia	123	-	13	31	33	12	22	10	2	-
Crawford	38	-	2	8	12	8	5	2	1	-
Dane	990	5	86	167	355	197	110	55	15	-
Dodge	233	-	33	45	84	40	18	12	1	-
Door	57	-	5	15	19	10	6	1	1	-
Douglas	163	-	24	22	69	25	17	6	-	-
Dunn	102	1	13	17	43	17	6	4	1	-
Eau Claire	274	2	31	65	98	48	23	5	2	-
Florence	6	-	3	-	-	1	2	-	-	-
Fond du Lac	265	-	22	60	109	44	21	5	4	-
Forest	31	-	3	5	14	5	3	1	-	-
Grant	111	-	4	25	45	18	14	3	2	-
Green	89	-	7	23	29	17	9	4	-	-
Green Lake	44	1	4	12	14	8	4	1	-	-
Iowa	45	-	4	11	14	9	6	1	-	-
Iron	7	-	1	-	2	1	1	1	1	-
Jackson	45	-	3	11	19	10	2	-	-	-
Jefferson	170	-	16	39	58	31	18	7	1	-
Juneau	71	-	11	16	24	11	8	1	-	-
Kenosha	638	6	82	127	230	107	60	19	7	-
Kewaunee	50	-	10	10	19	6	5	-	-	-
La Crosse	246	-	22	40	105	37	22	16	3	1
Lafayette	34	-	2	5	18	4	3	2	-	-
Langlade	51	-	8	9	20	6	4	4	-	-
Lincoln	94	-	13	22	37	9	8	3	2	-
Manitowoc	193	-	24	42	74	29	16	5	3	-
Marathon	302	5	35	52	127	44	21	12	5	1
Marinette	98	1	12	22	39	11	11	2	-	-
Marquette	31	-	8	6	11	4	2	-	-	-
Menominee	72	1	7	6	24	17	12	5	-	-
Milwaukee	7,146	85	1,019	1,271	2,522	1,304	623	281	41	-
Monroe	131	-	21	26	48	20	10	6	-	-



**Table 12a. Number of Births to Unmarried Mothers by Age and County of Residence**

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Oconto	93	-	16	15	30	20	8	2	2	-
Oneida	70	-	6	14	26	15	6	2	1	-
Outagamie	374	3	35	79	142	67	28	18	2	-
Ozaukee	89	1	9	19	25	13	12	9	1	-
Pepin	15	-	-	4	5	3	2	1	-	-
Pierce	58	-	7	8	29	9	3	2	-	-
Polk	105	-	7	20	37	24	11	6	-	-
Portage	140	2	9	28	55	21	15	6	3	1
Price	29	-	4	9	9	3	2	1	1	-
Racine	914	10	104	192	363	136	68	36	5	-
Richland	38	-	2	8	14	7	3	3	1	-
Rock	598	3	79	114	233	98	44	19	8	-
Rusk	38	-	5	7	16	4	5	1	-	-
St. Croix	134	-	11	28	56	23	9	7	-	-
Sauk	144	-	20	28	41	28	20	6	1	-
Sawyer	77	2	8	15	31	10	6	5	-	-
Shawano	101	1	10	17	47	15	7	3	1	-
Sheboygan	210	-	27	56	63	33	18	12	-	1
Taylor	49	-	4	5	19	11	8	2	-	-
Trempealeau	82	-	10	12	26	18	9	4	3	-
Vernon	49	-	4	12	17	8	2	2	3	1
Vilas	46	-	4	10	7	15	6	3	1	-
Walworth	222	2	23	43	83	37	20	10	3	1
Washburn	31	-	3	12	6	6	3	1	-	-
Washington	215	-	22	47	73	42	17	13	1	-
Waukesha	470	1	64	76	169	80	52	23	5	-
Waupaca	144	1	15	38	50	24	11	3	2	-
Waushara	51	-	10	14	14	7	2	3	1	-
Winnebago	356	1	43	62	133	66	30	17	4	-
Wood	234	1	29	55	80	44	16	8	1	-

Note: A dash (-) indicates that there were no events in that category.

**Table 12b. Percent of Births to Unmarried Mothers by Age and County of Residence**

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
<b>Total</b>	<b>18,530</b>	<b>1%</b>	<b>12%</b>	<b>19%</b>	<b>36%</b>	<b>18%</b>	<b>9%</b>	<b>4%</b>	<b>1%</b>	<b>0%</b>
Adams	55	-	9	11	38	22	13	7	-	-
Ashland	52	-	10	19	38	21	6	2	4	-
Barron	137	-	9	26	31	20	9	3	1	-
Bayfield	44	5	2	20	34	20	9	7	2	-
Brown	756	1	10	19	37	19	11	3	1	0
Buffalo	21	-	5	24	29	14	10	19	-	-
Burnett	47	-	15	17	45	15	9	-	-	-
Calumet	65	-	14	25	34	23	2	3	-	-
Chippewa	153	-	10	24	36	18	8	3	1	-
Clark	74	-	11	20	35	23	5	5	-	-
Columbia	123	-	11	25	27	10	18	8	2	-
Crawford	38	-	5	21	32	21	13	5	3	-
Dane	990	1	9	17	36	20	11	6	2	-
Dodge	233	-	14	19	36	17	8	5	0	-
Door	57	-	9	26	33	18	11	2	2	-
Douglas	163	-	15	13	42	15	10	4	-	-
Dunn	102	1	13	17	42	17	6	4	1	-
Eau Claire	274	1	11	24	36	18	8	2	1	-
Florence	6	-	50	-	-	17	33	-	-	-
Fond du Lac	265	-	8	23	41	17	8	2	2	-
Forest	31	-	10	16	45	16	10	3	-	-
Grant	111	-	4	23	41	16	13	3	2	-
Green	89	-	8	26	33	19	10	4	-	-
Green Lake	44	2	9	27	32	18	9	2	-	-
Iowa	45	-	9	24	31	20	13	2	-	-
Iron	7	-	14		29	14	14	14	14	-
Jackson	45	-	7	24	42	22	4	-	-	-
Jefferson	170	-	9	23	34	18	11	4	1	-
Juneau	71	-	15	23	34	15	11	1	-	-
Kenosha	638	1	13	20	36	17	9	3	1	-
Kewaunee	50	-	20	20	38	12	10	-	-	-
La Crosse	246	-	9	16	43	15	9	7	1	0
Lafayette	34	-	6	15	53	12	9	6	-	-
Langlade	51	-	16	18	39	12	8	8	-	-
Lincoln	94	-	14	23	39	10	9	3	2	-
Manitowoc	193	-	12	22	38	15	8	3	2	-
Marathon	302	2	12	17	42	15	7	4	2	0
Marinette	98	1	12	22	40	11	11	2	-	-
Marquette	31	-	26	19	35	13	6	-	-	-
Menominee	72	1	10	8	33	24	17	7	-	-
Milwaukee	7,146	1	14	18	35	18	9	4	1	-
Monroe	131	-	16	20	37	15	8	5	-	-

**Table 12b. Percent of Births to Unmarried Mothers by Age and County of Residence**

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Oconto	93	-%	17%	16%	32%	22%	9%	2%	2%	-%
Oneida	70	-	9	20	37	21	9	3	1	-
Outagamie	374	1	9	21	38	18	7	5	1	-
Ozaukee	89	1	10	21	28	15	13	10	1	-
Pepin	15	-		27	33	20	13	7	-	-
Pierce	58	-	12	14	50	16	5	3	-	-
Polk	105	-	7	19	35	23	10	6	-	-
Portage	140	1	6	20	39	15	11	4	2	1
Price	29	-	14	31	31	10	7	3	3	-
Racine	914	1	11	21	40	15	7	4	1	-
Richland	38	-	5	21	37	18	8	8	3	-
Rock	598	1	13	19	39	16	7	3	1	-
Rusk	38	-	13	18	42	11	13	3	-	-
St. Croix	134	-	8	21	42	17	7	5	-	-
Sauk	144	-	14	19	28	19	14	4	1	-
Sawyer	77	3	10	19	40	13	8	6	-	-
Shawano	101	1	10	17	47	15	7	3	1	-
Sheboygan	210	-	13	27	30	16	9	6	-	0
Taylor	49	-	8	10	39	22	16	4	-	-
Trempealeau	82	-	12	15	32	22	11	5	4	-
Vernon	49	-	8	24	35	16	4	4	6	2
Vilas	46	-	9	22	15	33	13	7	2	-
Walworth	222	1	10	19	37	17	9	5	1	0
Washburn	31	-	10	39	19	19	10	3	-	-
Washington	215	-	10	22	34	20	8	6	0	-
Waukesha	470	0	14	16	36	17	11	5	1	-
Waupaca	144	1	10	26	35	17	8	2	1	-
Waushara	51	-	20	27	27	14	4	6	2	-
Winnebago	356	0	12	17	37	19	8	5	1	-
Wood	234	0	12	24	34	19	7	3	0	-

Note: A zero (0) indicates less than 0.5 percent. A dash (-) indicates that there were no events in that category.

**Table 13a. Births to Unmarried Mothers by Age and Region**

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
<b>Total</b>	<b>18,530</b>	<b>142</b>	<b>2,274</b>	<b>3,541</b>	<b>6,723</b>	<b>3,266</b>	<b>1,671</b>	<b>752</b>	<b>154</b>	<b>7</b>
<b>DHFS Regions</b>										
Southern	2,569	8	268	487	923	461	269	122	31	-
Southeastern	9,864	105	1,339	1,814	3,523	1,750	870	398	64	1
Northeastern	2,960	14	329	613	1,091	516	267	103	25	2
Western	1,905	3	205	384	724	334	160	77	16	2
Northern	1,232	12	133	243	462	205	105	52	18	2
<b>Perinatal Regions</b>										
South Central	2,923	10	305	561	1,052	521	302	137	34	1
South East	9,682	103	1,327	1,788	3,445	1,715	850	393	60	1
Fox Valley	1,330	6	146	287	495	235	99	49	13	-
North East	1,420	8	156	270	533	248	150	42	12	1
Western	1,300	3	132	256	501	228	106	59	13	2
North Central	1,454	8	159	303	533	250	126	55	18	2
Northwest	421	4	49	76	164	69	38	17	4	-

**Table 13b. Percent of Births to Unmarried Mothers by Age and Region**

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
<b>Total</b>	<b>18,530</b>	<b>1%</b>	<b>12%</b>	<b>19%</b>	<b>36%</b>	<b>18%</b>	<b>9%</b>	<b>4%</b>	<b>1%</b>	<b>0%</b>
<b>DHFS Regions</b>										
Southern	2,569	0	10	19	36	18	10	5	1	-
Southeastern	9,864	1	14	18	36	18	9	4	1	0
Northeastern	2,960	0	11	21	37	17	9	3	1	0
Western	1,905	0	11	20	38	18	8	4	1	0
Northern	1,232	1	11	20	38	17	9	4	1	0
<b>Perinatal Regions</b>										
South Central	2,923	0	10	19	36	18	10	5	1	0
South East	9,682	1	14	18	36	18	9	4	1	0
Fox Valley	1,330	0	11	22	37	18	7	4	1	-
North East	1,420	1	11	19	38	17	11	3	1	0
Western	1,300	0	10	20	39	18	8	5	1	0
North Central	1,454	1	11	21	37	17	9	4	1	0
Northwest	421	1	12	18	39	16	9	4	1	-

Note: Included in the totals are 83 births for which education of mother was not reported. A dash (-) indicates that there were no events in that category. A zero (0) indicates less than 0.5 percent. For information and maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (Pages 75 and 76).

**Table 14. Births by Trimester Prenatal Care Began and County of Residence**

County	Total	Trimester Prenatal Care Began				Percent That Received First-Trimester Care		
		First	Second	Third	No Care	1996	1995	1994
<b>Total</b>	<b>67,150</b>	<b>56,333</b>	<b>8,510</b>	<b>1,696</b>	<b>509</b>	<b>84%</b>	<b>83%</b>	<b>83%</b>
Adams	184	127	48	8	-	69	77	73
Ashland	234	191	39	3	1	82	77	76
Barron	503	405	75	19	3	81	77	81
Bayfield	149	119	24	5	1	80	76	75
Brown	3,051	2,650	327	60	14	87	88	87
Buffalo	146	119	21	5	1	82	83	78
Burnett	147	114	26	4	1	78	78	72
Calumet	466	404	49	11	2	87	88	89
Chippewa	590	497	75	10	6	84	87	85
Clark	467	319	112	32	2	68	73	70
Columbia	616	523	77	11	5	85	82	82
Crawford	183	140	34	7	2	77	70	75
Dane	4,977	4,488	417	56	14	90	89	90
Dodge	976	849	110	15	2	87	88	84
Door	260	229	29	2	-	88	86	87
Douglas	532	443	68	16	3	83	86	84
Dunn	434	345	62	23	2	79	76	85
Eau Claire	1,079	864	159	33	15	80	76	81
Florence	64	55	7	1	1	86	86	85
Fond du Lac	1,138	1,001	121	13	2	88	87	88
Forest	94	77	14	3	-	82	75	74
Grant	497	387	84	14	2	78	82	81
Green	408	363	39	4	2	89	85	89
Green Lake	208	141	44	21	1	68	74	75
Iowa	260	227	26	3	2	87	85	86
Iron	76	62	12	2	-	82	83	79
Jackson	193	153	34	5	1	79	75	75
Jefferson	892	777	98	13	4	87	85	89
Juneau	264	189	61	12	2	72	72	75
Kenosha	2,008	1,719	227	46	15	86	83	84
Kewaunee	214	191	16	4	3	89	90	89
La Crosse	1,236	1,092	123	18	3	88	85	85
Lafayette	180	148	28	2	2	82	83	83
Langlade	214	178	28	5	1	83	87	87
Lincoln	338	294	37	4	2	87	88	84
Manitowoc	941	871	53	15	2	93	92	92
Marathon	1,621	1,314	273	31	3	81	80	82
Marinette	456	380	65	7	3	83	80	77
Marquette	147	107	31	5	3	73	75	77
Menominee	91	51	29	8	3	56	65	64
Milwaukee	14,792	11,663	2,371	539	215	79	78	77
Monroe	557	423	78	25	29	76	76	77

**Table 14. Births by Trimester Prenatal Care Began and County of Residence**

County	Total	Trimester Prenatal Care Began				Percent That Received First-Trimester Care		
		First	Second	Third	No Care	1996	1995	1994
Oconto	374	312	52	4	5	83%	84%	83%
Oneida	326	282	32	5	2	87	87	81
Outagamie	2,101	1,838	214	43	6	87	89	87
Ozaukee	961	906	47	3	2	94	94	95
Pepin	75	52	8	13	2	69	73	70
Pierce	373	311	48	4	-	83	80	80
Polk	409	322	77	8	2	79	81	78
Portage	797	565	207	22	2	71	69	73
Price	154	138	15	-	1	90	79	80
Racine	2,592	2,049	396	110	37	79	79	80
Richland	187	137	37	6	6	73	77	75
Rock	1,969	1,706	200	54	9	87	85	84
Rusk	161	119	35	3	1	74	78	83
St. Croix	767	670	76	6	1	87	84	86
Sauk	676	574	72	18	7	85	83	84
Sawyer	188	125	53	8	2	66	65	65
Shawano	458	373	77	6	2	81	81	81
Sheboygan	1,333	1,232	84	9	8	92	89	89
Taylor	225	190	27	7	1	84	85	79
Trempealeau	326	266	50	9	-	82	83	80
Vernon	338	235	48	46	8	70	70	67
Vilas	167	133	24	8	-	80	73	81
Walworth	1,019	820	156	37	4	80	83	81
Washburn	148	122	18	5	2	82	73	74
Washington	1,456	1,338	100	14	3	92	91	92
Waukesha	4,138	3,884	218	28	8	94	94	93
Waupaca	617	522	71	19	4	85	85	84
Waushara	219	162	50	7	-	74	71	75
Winnebago	1,756	1,516	186	46	7	86	86	87
Wood	957	745	181	28	2	78	79	82

Note: Included in the totals are 102 births for which prenatal care initiation was not reported. A dash (-) indicates that there were no events in that category.

**Table 15. Births by Trimester Prenatal Care Began and Region**

	Trimester Prenatal Care Began					Percent That Received First-Trimester Care		
	Total	First	Second	Third	No Care	1996	1995	1994
<b>Total</b>	<b>67,150</b>	<b>56,333</b>	<b>8,510</b>	<b>1,696</b>	<b>509</b>	<b>84%</b>	<b>83%</b>	<b>83%</b>
<b>DHFS Regions</b>								
Southern	11,377	9,858	1,233	210	55	87	86	85
Southeastern	27,858	23,156	3,613	790	288	83	83	82
Northeastern	13,830	11,980	1,498	280	65	87	87	86
Western	8,481	6,871	1,193	284	82	81	80	81
Northern	5,604	4,468	973	132	19	80	78	80
<b>Perinatal Regions</b>								
South Central	13,105	11,315	1,453	253	62	86	86	86
Southeast	27,280	22,791	3,443	749	288	84	83	82
Fox Valley	6,652	5,691	766	165	25	86	86	86
Northeast	5,845	5,057	648	106	32	87	87	86
Western	6,116	4,992	818	202	65	82	79	81
North Central	6,678	5,311	1,142	178	27	80	79	80
Northwest	1,474	1,176	240	43	10	80	78	77

Note: Included in the totals are 102 births for which prenatal care initiation was not reported. For information and maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (Pages 75 and 76).

**Table 16. Births by Number of Prenatal Care Visits and County of Residence**

County	Total	Number of Prenatal Care Visits					Percent of Births with <10 Visits
		No Visits	1-4	5-9	10-12	13+	
<b>Total</b>	<b>67,150</b>	<b>509</b>	<b>2,009</b>	<b>11,728</b>	<b>30,506</b>	<b>22,180</b>	<b>21%</b>
Adams	184	-	6	66	80	31	39
Ashland	234	1	4	49	103	76	23
Barron	503	3	19	135	223	121	31
Bayfield	149	1	5	39	54	50	30
Brown	3,051	14	67	483	1,084	1,397	18
Buffalo	146	1	6	28	55	55	24
Burnett	147	1	3	50	56	36	37
Calumet	466	2	5	134	245	79	30
Chippewa	590	6	5	162	253	160	29
Clark	467	2	35	157	184	88	42
Columbia	616	5	9	94	349	158	18
Crawford	183	2	8	92	51	28	56
Dane	4,977	14	71	547	2,733	1,606	13
Dodge	976	2	7	138	470	356	15
Door	260	-	4	37	118	100	16
Douglas	532	3	17	128	246	136	28
Dunn	434	2	18	87	203	119	25
Eau Claire	1,079	15	40	121	372	512	16
Florence	64	1	4	8	22	29	20
Fond du Lac	1,138	2	15	184	657	280	18
Forest	94	-	3	23	47	21	28
Grant	497	2	11	126	212	122	28
Green	408	2	9	41	150	206	13
Green Lake	208	1	18	36	92	61	26
Iowa	260	2	3	49	145	59	21
Iron	76	-	-	14	20	42	18
Jackson	193	1	2	38	71	80	21
Jefferson	892	4	8	95	415	370	12
Juneau	264	2	9	98	93	61	41
Kenosha	2,008	15	41	255	869	818	15
Kewaunee	214	3	3	23	96	89	14
La Crosse	1,236	3	16	225	533	459	20
Lafayette	180	2	2	43	75	56	26
Langlade	214	1	5	47	104	55	25
Lincoln	338	2	5	66	147	118	22
Manitowoc	941	2	8	101	278	546	12
Marathon	1,621	3	73	526	717	302	37
Marinette	456	3	6	60	169	215	15
Marquette	147	3	5	38	57	43	31
Menominee	91	3	6	37	27	18	51
Milwaukee	14,792	215	806	2,753	6,647	4,344	26
Monroe	557	29	51	89	191	194	30



**Table 16. Births by Number of Prenatal Care Visits and County of Residence**

County	Total	Number of Prenatal Care Visits					Percent of Births with <10 Visits
		No Visits	1-4	5-9	10-12	13+	
Oconto	374	5	5	68	141	153	21%
Oneida	326	2	5	43	122	153	15
Outagamie	2,101	6	58	594	1,130	313	31
Ozaukee	961	2	6	124	518	310	14
Pepin	75	2	14	8	28	23	32
Pierce	373	-	5	86	162	111	24
Polk	409	2	7	112	178	110	30
Portage	797	2	24	156	331	277	23
Price	154	1	1	36	59	56	25
Racine	2,592	37	85	460	1,153	854	22
Richland	187	6	11	39	75	55	30
Rock	1,969	9	58	219	735	948	15
Rusk	161	1	5	46	63	42	32
St. Croix	767	1	10	156	355	232	22
Sauk	676	7	21	105	304	231	20
Sawyer	188	2	13	79	61	30	51
Shawano	458	2	14	120	183	138	30
Sheboygan	1,333	8	17	155	700	451	14
Taylor	225	1	7	44	80	93	23
Trempealeau	326	-	3	78	124	120	25
Vernon	338	8	59	64	117	90	39
Vilas	167	-	9	31	65	60	24
Walworth	1,019	4	30	194	463	325	22
Washburn	148	2	3	43	61	38	32
Washington	1,456	3	4	115	650	683	8
Waukesha	4,138	8	24	237	2,068	1,799	7
Waupaca	617	4	14	146	311	140	27
Waushara	219	-	8	44	91	76	24
Winnebago	1,756	7	30	355	995	359	22
Wood	957	2	21	249	470	214	28

Note: Included in the totals are 218 births for which number of prenatal care visits was not reported. A dash (-) indicates that there were no events in that category.

**Table 17. Births by Number of Prenatal Care Visits and Region**

	Number of Prenatal Care Visits						Percent of Births with <10 Visits
	Total	No Visits	1-4	5-9	10-12	13+	
<b>Total</b>	<b>67,150</b>	<b>509</b>	<b>2,009</b>	<b>11,728</b>	<b>30,506</b>	<b>22,180</b>	<b>21%</b>
<b>DHFS Regions</b>							
Southern	11,377	55	225	1,657	5,472	3,917	17
Southeastern	27,858	288	1,004	4,233	12,783	9,503	20
Northeastern	13,830	65	283	2,615	6,374	4,458	21
Western	8,481	82	318	1,813	3,475	2,726	26
Northern	5,604	19	179	1,410	2,402	1,576	29
<b>Perinatal Regions</b>							
South Central	13,105	60	255	1,854	6,299	4,584	17
Southeast	27,280	288	983	4,099	12,605	9,259	20
Fox Valley	6,652	25	153	1,531	3,578	1,351	26
Northeast	5,845	32	113	929	2,096	2,656	18
Western	6,116	67	239	1,184	2,440	2,133	24
North Central	6,678	27	221	1,729	2,887	1,789	30
Northwest	1,474	10	45	402	601	408	31

Note: Included in the totals are 218 births for which number of prenatal care visits was not reported. For information and maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (Pages 75 and 76).

**Table 18. Low-Birthweight Births (Less Than 2,500 Grams) by County of Residence**

County	Total Births	<1,500 Grams	1,500-2,499 Grams	Total<2,500 Grams	Percent Low Birthweight	
					1996	1995
<b>Total</b>	<b>67,150</b>	<b>850</b>	<b>3,372</b>	<b>4,222</b>	<b>6.3%</b>	<b>6.0%</b>
Adams	184	4	9	13	7.1	6.0
Ashland	234	1	4	5	2.1	4.6
Barron	503	1	23	24	4.8	4.2
Bayfield	149	2	9	11	7.4	5.2
Brown	3,051	43	162	205	6.7	5.3
Buffalo	146	1	6	7	4.8	3.0
Burnett	147	3	6	9	6.1	4.1
Calumet	466	4	21	25	5.4	3.9
Chippewa	590	9	27	36	6.1	6.5
Clark	467	2	18	20	4.3	4.0
Columbia	616	8	32	40	6.5	5.6
Crawford	183	-	14	14	7.7	3.7
Dane	4,977	68	234	302	6.1	5.1
Dodge	976	9	37	46	4.7	5.7
Door	260	3	8	11	4.2	6.3
Douglas	532	8	33	41	7.7	8.3
Dunn	434	6	23	29	6.7	4.1
Eau Claire	1,079	11	43	54	5.0	4.1
Florence	64	1	2	3	4.7	8.3
Fond du Lac	1,138	14	43	57	5.0	5.8
Forest	94	-	8	8	8.5	2.9
Grant	497	3	20	23	4.6	5.7
Green	408	10	20	30	7.4	4.1
Green Lake	208	1	11	12	5.8	5.7
Iowa	260	5	8	13	5.0	8.1
Iron	76	4	-	4	5.3	14.3
Jackson	193	2	3	5	2.6	7.9
Jefferson	892	8	36	44	4.9	5.8
Juneau	264	4	12	16	6.1	4.5
Kenosha	2,008	16	100	116	5.8	6.3
Kewaunee	214	7	6	13	6.1	4.1
La Crosse	1,236	8	50	58	4.7	6.1
Lafayette	180	2	9	11	6.1	6.8
Langlade	214	1	8	9	4.2	4.4
Lincoln	338	5	5	10	3.0	5.0
Manitowoc	941	22	43	65	6.9	6.7
Marathon	1,621	14	76	90	5.6	4.2
Marinette	456	3	24	27	5.9	4.6
Marquette	147	1	2	3	2.0	6.6
Menominee	91	-	1	1	1.1	5.4
Milwaukee	14,792	277	1,004	1,281	8.7	8.6
Monroe	557	4	22	26	4.7	4.7

**Table 18. Low-Birthweight Births (Less Than 2,500 Grams) by County of Residence**

County	Total Births	<1,500 Grams	1,500-2,499 Grams	Total<2,500 Grams	Percent Low Birthweight	
					1996	1995
Oconto	374	1	11	12	3.2%	7.0%
Oneida	326	4	16	20	6.1	4.8
Outagamie	2,101	33	88	121	5.8	4.3
Ozaukee	961	7	53	60	6.2	4.8
Pepin	75	-	2	2	2.7	3.6
Pierce	373	4	17	21	5.6	3.7
Polk	409	9	20	29	7.1	4.7
Portage	797	5	24	29	3.6	4.7
Price	154	2	7	9	5.8	6.5
Racine	2,592	36	109	145	5.6	6.7
Richland	187	2	11	13	7.0	2.0
Rock	1,969	23	112	135	6.9	6.5
Rusk	161	-	11	11	6.8	5.7
St. Croix	767	8	33	41	5.3	4.7
Sauk	676	5	33	38	5.6	4.8
Sawyer	188	1	8	9	4.8	5.1
Shawano	458	2	23	25	5.5	7.9
Sheboygan	1,333	12	60	72	5.4	5.3
Taylor	225	2	7	9	4.0	3.6
Trempealeau	326	1	11	12	3.7	4.8
Vernon	338	3	12	15	4.4	4.3
Vilas	167	1	5	6	3.6	6.3
Walworth	1,019	10	46	56	5.5	5.0
Washburn	148	2	7	9	6.1	6.0
Washington	1,456	11	51	62	4.3	4.9
Waukesha	4,138	37	175	212	5.1	4.6
Waupaca	617	4	34	38	6.2	6.1
Waushara	219	4	14	18	8.2	6.7
Winnebago	1,756	22	102	124	7.1	4.6
Wood	957	4	48	52	5.4	5.3

Note: Included in the totals are 7 births for which birthweight was not reported. Infants weighing less than 2,500 grams (5.5 pounds) at birth are considered low birthweight. Infants weighing less than 1,500 grams (3.3 pounds) at birth are considered very low birthweight. A dash (-) indicates that there were no events in that category.

**Table 19. Low-Birthweight Births by Region**

	Total Births	<1,500 Grams	1,500-2,499 Grams	<2,500 Grams	Percent Low Birthweight	
					1996	1995
<b>Total</b>	<b>67,150</b>	<b>850</b>	<b>3,372</b>	<b>4,222</b>	<b>6.3%</b>	<b>6.0%</b>
<b>DHFS Regions</b>						
Southern	11,377	143	551	694	6.1	5.4
Southeastern	27,858	402	1,574	1,976	7.1	7.1
Northeastern	13,830	176	653	829	6.0	5.3
Western	8,481	82	367	449	5.3	5.2
Northern	5,604	47	227	274	4.9	4.8
<b>Perinatal Regions</b>						
South Central	13,105	161	619	780	6.0	5.4
Southeast	27,280	396	1,552	1,948	7.1	7.1
Fox Valley	6,652	83	315	398	6.0	4.9
Northeast	5,845	81	278	359	6.1	5.8
Western	6,116	57	256	313	5.1	4.9
North Central	6,678	51	285	336	5.0	4.8
Northwest	1,474	21	67	88	6.0	6.5

Note: Included in the totals are 7 births for which birthweight was not reported. Infants weighing less than 2,500 grams or 5.5 pounds at birth are considered low birthweight. Infants weighing less than 1,500 grams or 3.3 pounds at birth are considered very low birthweight.

**Table 20. Fetal, Neonatal, Postneonatal, and Infant Deaths by County of Residence**

County	Fetal (Gestation >20 weeks)	Neonatal + (<28 days)	Postneonatal = (28 days-1 year)	Infant Deaths (<1 year)
<b>Total</b>	<b>416</b>	<b>314</b>	<b>178</b>	<b>492</b>
Adams	5	2	1	3
Ashland	1	-	-	-
Barron	2	1	1	2
Bayfield	1	-	-	-
Brown	16	18	7	25
Buffalo	-	-	-	-
Burnett	-	1	-	1
Calumet	-	-	1	1
Chippewa	6	3	1	4
Clark	2	3	1	4
Columbia	2	3	1	4
Crawford	1	-	-	-
Dane	37	22	6	28
Dodge	7	6	4	10
Door	3	1	1	2
Douglas	2	4	2	6
Dunn	1	3	-	3
Eau Claire	7	4	3	7
Florence	-	1	-	1
Fond du Lac	5	5	1	6
Forest	2	-	3	3
Grant	3	3	1	4
Green	2	1	2	3
Green Lake	1	1	-	1
Iowa	1	1	1	2
Iron	-	-	1	1
Jackson	1	1	2	3
Jefferson	5	1	3	4
Juneau	1	1	-	1
Kenosha	13	6	4	10
Kewaunee	-	1	-	1
La Crosse	3	2	3	5
Lafayette	1	1	-	1
Langlade	-	-	1	1
Lincoln	2	2	2	4
Manitowoc	1	6	1	7
Marathon	15	1	5	6
Marinette	6	2	3	5
Marquette	2	2	-	2
Menominee	-	-	-	-
Milwaukee	112	101	65	166
Monroe	6	1	4	5

**Table 20. Fetal, Neonatal, Postneonatal, and Infant Deaths by County of Residence**

County	Fetal (Gestation >20 weeks)	Neonatal + (<28 days)	Postneonatal = (28 days-1 year)	Infant Deaths (<1 year)
Oconto	4	2	-	2
Oneida	1	2	-	2
Outagamie	16	14	7	21
Ozaukee	2	3	3	6
Pepin	2	-	-	-
Pierce	2	2	1	3
Polk	4	4	-	4
Portage	7	1	3	4
Price	-	-	-	-
Racine	16	10	7	17
Richland	-	2	-	2
Rock	14	6	5	11
Rusk	2	1	2	3
St. Croix	1	4	1	5
Sauk	4	2	-	2
Sawyer	1	-	-	-
Shawano	2	3	-	3
Sheboygan	11	6	1	7
Taylor	2	2	-	2
Trempealeau	1	-	-	-
Vernon	2	1	1	2
Vilas	1	-	-	-
Walworth	7	2	1	3
Washburn	-	2	-	2
Washington	4	5	4	9
Waukesha	19	14	8	22
Waupaca	3	-	1	1
Waushara	1	-	-	-
Winnebago	5	13	2	15
Wood	7	2	-	2

Source: Fetal death and matched birth-death files, Wisconsin Center for Health Statistics.

Note: A dash (-) indicates that there were no events in that category.

**Table 21. Fetal, Neonatal, Postneonatal, and Infant Deaths by Selected Cities**

City of Occurrence	Fetal Gestation >20 weeks)	Neonatal + (<28 days)	Postneonatal = (28 days-1 year)	Infant (<1 year)
Appleton	5	7	5	12
Beloit	6	3	3	6
Eau Claire	6	3	3	6
Fond du Lac	1	4	1	5
Green Bay	10	14	4	18
Greenfield	1	1	-	1
Janesville	4	1	1	2
Kenosha	11	6	3	9
La Crosse	3	1	2	3
Madison	25	15	3	18
Manitowoc	1	1	-	1
Marshfield	2	-	-	-
Mequon/Thiensville	-	2	-	3
Milwaukee	100	83	58	143
Neenah/Menasha	1	5	2	7
Oshkosh	2	6	-	6
Racine	13	9	6	15
Sheboygan	9	4	1	5
Stevens Point	2	-	-	-
Superior	2	3	2	5
Watertown	1	1	-	1
Waukesha	8	2	2	4
Wausau	11	-	3	3
Wauwatosa	4	3	-	3
West Allis	2	6	-	6
West Bend	1	-	-	-

Source: Fetal death and matched birth-death files, Wisconsin Center for Health Statistics.

Note: A dash (-) indicates that there were no events in that category.



Supplementary Tables

**Table A1. Number of Births by Age of Mother**

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 +
<b>Total</b>	<b>67,150</b>	<b>143</b>	<b>2,509</b>	<b>4,454</b>	<b>14,345</b>	<b>20,308</b>	<b>17,274</b>	<b>6,939</b>	<b>1,132</b>	<b>43</b>
<b>Race of Mother</b>										
White	54,915	19	1,244	2,817	10,443	17,541	15,596	6,242	987	26
Black	6,380	94	816	971	2,137	1,267	725	319	50	1
Amer. Indian	812	5	56	95	272	209	132	34	8	1
Hispanic	3,138	11	251	416	1,050	793	406	179	28	2
Lao/Hmong	1,031	12	108	120	292	218	164	63	41	13
Other	855	2	33	35	147	275	248	98	17	-
Unknown	19	-	1	-	4	5	3	4	1	-
<b>Education</b>										
Elem. or Less	2,086	120	269	137	483	473	338	173	79	13
Some H.S.	8,709	23	2,067	1,863	2,624	1,193	633	260	44	2
H.S. Grad	22,474	-	165	2,176	6,646	6,529	4,800	1,844	304	9
Some College	16,631	-	1	268	3,738	6,073	4,537	1,740	267	7
College Grad	10,778	-	-	2	631	3,947	4,300	1,655	236	7
Post-Grad	6,389	-	-	-	203	2,070	2,652	1,259	200	5
Unknown	83	-	7	8	20	23	14	8	2	-
<b>Marital Status</b>										
Married	48,615	1	235	913	7,618	17,042	15,603	6,187	978	36
Unmarried	18,530	142	2,274	3,541	6,723	3,266	1,671	752	154	7
Unknown	5	-	-	-	4	-	-	-	-	-
<b>Trimester Prenatal Care Began</b>										
First	56,333	59	1,550	3,149	11,103	17,956	15,477	6,098	912	28
Second	8,510	56	712	1,016	2,576	1,868	1,450	659	161	11
Third	1,696	25	206	210	515	347	228	127	34	4
None	509	3	37	69	137	103	90	48	22	-
Unknown	102	-	4	10	14	34	29	7	3	-
<b>Number of Prenatal Care Visits</b>										
No Visits	509	3	37	69	137	103	90	48	22	-
1-4	2,009	21	191	242	625	440	287	164	37	2
5-9	11,728	56	718	1,079	3,080	3,060	2,448	1,068	199	19
10-12	30,506	47	999	1,845	6,166	9,383	8,278	3,284	492	12
13+	22,180	16	556	1,198	4,280	7,258	6,123	2,362	376	10
Unknown	218	-	8	21	57	64	48	13	6	-
<b>Smoked During Pregnancy</b>										
No	54,884	127	1,941	3,157	10,595	17,074	14,996	5,944	1,008	40
Yes	12,210	16	567	1,291	3,741	3,219	2,260	989	124	3
Unknown	56	-	1	6	9	15	18	6	-	-
<b>Live Birth Order</b>										
1	26,329	140	2,222	3,273	6,712	7,936	4,533	1,323	183	5
2	21,933	3	250	940	4,712	7,203	6,429	2,130	259	7
3	11,178	-	29	195	1,928	3,257	3,802	1,725	239	3
4	4,258	-	7	37	669	1,107	1,404	872	156	5
5+	3,443	-	-	8	323	801	1,105	888	295	23
Unknown	9	-	1	1	1	4	1	1	-	-
<b>Plurality</b>										
Single Birth	65,278	141	2,489	4,378	13,994	19,778	16,717	6,634	1,101	43
Multiple Birth	1,871	2	20	76	351	530	557	304	31	-
Unknown	1	-	-	-	-	-	-	1	-	-

Note: Included in the totals are 3 births for which age of mother was not reported. Adash (-) indicates that there were no events in that category.

Supplementary Tables

**Table A2. Percent of Births by Age of Mother**

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 +
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Race of Mother</b>										
White	81.8	13.3	49.6	63.2	72.8	86.4	90.3	90.0	87.2	60.5
Black	9.5	65.7	32.5	21.8	14.9	6.2	4.2	4.6	4.4	2.3
Amer. Indian	1.2	3.5	2.2	2.1	1.9	1.0	0.8	0.5	0.7	2.3
Hispanic	4.7	7.7	10.0	9.3	7.3	3.9	2.4	2.6	2.5	4.7
Lao/Hmong	1.5	8.4	4.3	2.7	2.0	1.1	0.9	0.9	3.6	30.2
Other	1.3	1.4	1.3	0.8	1.0	1.4	1.4	1.4	1.5	-
Unknown	0.0	-	0.0	-	0.0	0.0	0.0	0.1	0.1	-
<b>Education</b>										
Elem. or Less	3.1	83.9	10.7	3.1	3.4	2.3	2.0	2.5	7.0	30.2
Some H.S.	13.0	16.1	82.4	41.8	18.3	5.9	3.7	3.7	3.9	4.7
H.S. Grad	33.5	-	6.6	48.9	46.3	32.1	27.8	26.6	26.9	20.9
Some College	24.8	-	0.0	6.0	26.1	29.9	26.3	25.1	23.6	16.3
College Grad	16.1	-	-	0.0	4.4	19.4	24.9	23.9	20.8	16.3
Post-Grad	9.5	-	-	-	1.4	10.2	15.4	18.1	17.7	11.6
Unknown	0.1	-	0.3	0.2	0.1	0.1	0.1	0.1	0.2	-
<b>Marital Status</b>										
Married	72.4	0.7	9.4	20.5	53.1	83.9	90.3	89.2	86.4	83.7
Unmarried	27.6	99.3	90.6	79.5	46.9	16.1	9.7	10.8	13.6	16.3
Unknown	0.0	-	-	-	0.0	-	-	-	-	-
<b>Trimester Prenatal Care Began</b>										
First	83.9	41.3	61.8	70.7	77.4	88.4	89.6	87.9	80.6	65.1
Second	12.7	39.2	28.4	22.8	18.0	9.2	8.4	9.5	14.2	25.6
Third	2.5	17.5	8.2	4.7	3.6	1.7	1.3	1.8	3.0	9.3
None	0.8	2.1	1.5	1.5	1.0	0.5	0.5	0.7	1.9	-
Unknown	0.2	-	0.2	0.2	0.1	0.2	0.2	0.1	0.3	-
<b>Number of Prenatal Care Visits</b>										
No Visits	0.8	2.1	1.5	1.5	1.0	0.5	0.5	0.7	1.9	-
1-4	3.0	14.7	7.6	5.4	4.4	2.2	1.7	2.4	3.3	4.7
5-9	17.5	39.2	28.6	24.2	21.5	15.1	14.2	15.4	17.6	44.2
10-12	45.4	32.9	39.8	41.4	43.0	46.2	47.9	47.3	43.5	27.9
13+	33.0	11.2	22.2	26.9	29.8	35.7	35.4	34.0	33.2	23.3
Unknown	0.3	-	0.3	0.5	0.4	0.3	0.3	0.2	0.5	-
<b>Smoked During Pregnancy</b>										
No	81.7	88.8	77.4	70.9	73.9	84.1	86.8	85.7	89.0	93.0
Yes	18.2	11.2	22.6	29.0	26.1	15.9	13.1	14.3	11.0	7.0
Unknown	0.1	-	0.0	0.1	0.1	0.1	0.1	0.1	-	-
<b>Live Birth Order</b>										
1	39.2	97.9	88.6	73.5	46.8	39.1	26.2	19.1	16.2	11.6
2	32.7	2.1	10.0	21.1	32.8	35.5	37.2	30.7	22.9	16.3
3	16.6	-	1.2	4.4	13.4	16.0	22.0	24.9	21.1	7.0
4	6.3	-	0.3	0.8	4.7	5.5	8.1	12.6	13.8	11.6
5+	5.1	-	-	0.2	2.3	3.9	6.4	12.8	26.1	53.5
Unknown	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	-
<b>Plurality</b>										
Single Birth	97.2	98.6	99.2	98.3	97.6	97.4	96.8	95.6	97.3	100.0
Multiple Birth	2.8	1.4	0.8	1.7	2.4	2.6	3.2	4.4	2.7	-
Unknown	0.0	-	-	-	-	-	-	0.0	-	-

Note: Included in the totals are 3 births for which age of mother was not reported. A dash (-) indicates that there were no events in that category.

**Table B1. Number of Births by Race/Ethnicity of Mother**

	<b>Total</b>	<b>White</b>	<b>Black</b>	<b>Amer. Indian</b>	<b>Hispanic</b>	<b>Laotian/ Hmong</b>	<b>Other</b>
<b>Total</b>	<b>67,150</b>	<b>54,915</b>	<b>6,380</b>	<b>812</b>	<b>3,138</b>	<b>1,031</b>	<b>855</b>
<b>Age of Mother</b>							
<15	143	19	94	5	11	12	2
15-17	2,509	1,244	816	56	251	108	33
18-19	4,454	2,817	971	95	416	120	35
20-24	14,345	10,443	2,137	272	1,050	292	147
25-29	20,308	17,541	1,267	209	793	218	275
30-34	17,274	15,596	725	132	406	164	248
35-39	6,939	6,242	319	34	179	63	98
40-44	1,132	987	50	8	28	41	17
45+	43	26	1	1	2	13	-
Unknown	3	-	-	-	2	-	-
<b>Education of Mother</b>							
Elem. or Less	2,086	687	230	26	555	517	69
Some H.S.	8,709	4,596	2,582	260	1,000	187	84
H.S. Grad	22,474	18,628	2,199	323	930	216	178
Some College	16,631	14,759	1,089	158	407	72	143
College Grad	10,778	10,240	179	27	136	22	174
Post-Grad	6,389	5,963	95	18	106	4	201
Unknown	83	42	6	-	4	13	6
<b>Marital Status</b>							
Married	48,615	43,880	1,086	291	1,710	903	730
Unmarried	18,530	11,031	5,294	521	1,428	128	125
Unknown	5	4	-	-	-	-	-
<b>Trimester Prenatal Care Began</b>							
First	56,333	48,228	4,221	552	2,175	482	669
Second	8,510	5,429	1,560	182	733	445	154
Third	1,696	903	431	56	178	98	30
None	509	268	167	17	49	6	2
Unknown	102	87	1	5	3	-	-
<b>Number of Prenatal Care Visits</b>							
No Visits	509	268	167	17	49	6	2
1-4	2,009	953	661	65	178	122	30
5-9	11,728	8,257	1,696	244	840	484	198
10-12	30,506	25,471	2,711	291	1,318	308	405
13+	22,180	19,785	1,139	187	745	103	219
Unknown	218	181	6	8	8	8	1
<b>Smoked During Pregnancy</b>							
No	54,884	44,828	4,910	470	2,810	1,027	824
Yes	12,210	10,035	1,470	341	328	4	31
Unknown	56	52	-	1	-	-	-
<b>Live Birth Order</b>							
1	26,329	22,106	2,116	266	1,258	197	382
2	21,933	18,696	1,716	208	884	142	285
3	11,178	9,115	1,119	179	540	127	98
4	4,258	3,109	665	72	252	125	34
5+	3,443	1,884	764	87	204	440	56
Unknown	9	5	-	-	-	-	-

Note: Included in the totals are 19 births for which race/ethnicity of mother was not reported. A dash (-) indicates that there were no events in that category.

**Table B2. Percent of Births by Race/Ethnicity of Mother**

	<b>Total</b>	<b>White</b>	<b>Black</b>	<b>Amer. Indian</b>	<b>Hispanic</b>	<b>Laotian/ Hmong</b>	<b>Other</b>
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Age Of Mother</b>							
<15	0.2	0.0	1.5	0.6	0.4	1.2	0.2
15-17	3.7	2.3	12.8	6.9	8.0	10.5	3.9
18-19	6.6	5.1	15.2	11.7	13.3	11.6	4.1
20-24	21.4	19.0	33.5	33.5	33.5	28.3	17.2
25-29	30.2	31.9	19.9	25.7	25.3	21.1	32.2
30-34	25.7	28.4	11.4	16.3	12.9	15.9	29.0
35-39	10.3	11.4	5.0	4.2	5.7	6.1	11.5
40-44	1.7	1.8	0.8	1.0	0.9	4.0	2.0
45+	0.1	0.0	0.0	0.1	0.1	1.3	-
Unknown	0.0	-	-	-	0.1	-	-
<b>Education of Mother</b>							
Elem. or Less	3.1	1.3	3.6	3.2	17.7	50.1	8.1
Some H.S.	13.0	8.4	40.5	32.0	31.9	18.1	9.8
H.S. Grad	33.5	33.9	34.5	39.8	29.6	21.0	20.8
Some College	24.8	26.9	17.1	19.5	13.0	7.0	16.7
College Grad	16.1	18.6	2.8	3.3	4.3	2.1	20.4
Post-Grad	9.5	10.9	1.5	2.2	3.4	0.4	23.5
Unknown	0.1	0.1	0.1	-	0.1	1.3	0.7
<b>Marital Status</b>							
Married	72.4	79.9	17.0	35.8	54.5	87.6	85.4
Unmarried	27.6	20.1	83.0	64.2	45.5	12.4	14.6
Unknown	0.0	0.0	-	-	-	-	-
<b>Trimester Prenatal Care Began</b>							
First	83.9	87.8	66.2	68.0	69.3	46.8	78.2
Second	12.7	9.9	24.5	22.4	23.4	43.2	18.0
Third	2.5	1.6	6.8	6.9	5.7	9.5	3.5
None	0.8	0.5	2.6	2.1	1.6	0.6	0.2
Unknown	0.2	0.2	0.0	0.6	0.1	-	-
<b>Number of Prenatal Care Visits</b>							
No Visits	0.8	0.5	2.6	2.1	1.6	0.6	0.2
1-4	3.0	1.7	10.4	8.0	5.7	11.8	3.5
5-9	17.5	15.0	26.6	30.0	26.8	46.9	23.2
10-12	45.4	46.4	42.5	35.8	42.0	29.9	47.4
13+	33.0	36.0	17.9	23.0	23.7	10.0	25.6
Unknown	0.3	0.3	0.1	1.0	0.3	0.8	0.1
<b>Smoked During Pregnancy</b>							
No	81.7	81.6	77.0	57.9	89.5	99.6	96.4
Yes	18.2	18.3	23.0	42.0	10.5	0.4	3.6
Unknown	0.1	0.1	-	0.1	-	-	-
<b>Live Birth Order</b>							
1	39.2	40.3	33.2	32.8	40.1	19.1	44.7
2	32.7	34.0	26.9	25.6	28.2	13.8	33.3
3	16.6	16.6	17.5	22.0	17.2	12.3	11.5
4	6.3	5.7	10.4	8.9	8.0	12.1	4.0
5+	5.1	3.4	12.0	10.7	6.5	42.7	6.5
Unknown	0.0	0.0	-	-	-	-	-

Note: Included in the totals are 19 births for which race/ethnicity of mother was not reported. A dash (-) indicates that there were no events in that category.

Supplementary Tables

Table C. Number and Percent of Births at Low Birthweight (Less Than 2,500 Grams)

	Total Births	<1,500 Grams		1,500-2,499 Grams		Total <2,500 Grams	
		Number	Percent	Number	Percent	Number	Percent
<b>Total</b>	<b>67,150</b>	<b>850</b>	<b>1.3</b>	<b>3,372</b>	<b>5.0</b>	<b>4,222</b>	<b>6.3</b>
<b>Plurality</b>							
Single Birth	65,278	642	1.0	2,635	4.0	3,277	5.0
Multiple Birth	1,871	208	11.1	737	39.4	945	50.5
Unknown	1	-	-	-	-	-	-
<b>Prematurity</b>							
Full Term	60,500	20	0.0	1,359	2.2	1,379	2.3
Premature	6,619	827	12.5	2,009	30.4	2,836	42.8
Unknown	31	3	9.7	4	12.9	7	22.6
<b>Age of Mother</b>							
<15	143	2	1.4	11	7.7	13	9.1
15-17	2,509	43	1.7	183	7.3	226	9.0
18-19	4,454	78	1.8	276	6.2	354	7.9
20-24	14,345	195	1.4	783	5.5	978	6.8
25-29	20,308	229	1.1	880	4.3	1,109	5.5
30-34	17,274	200	1.2	754	4.4	954	5.5
35-39	6,939	89	1.3	423	6.1	512	7.4
40-44	1,132	14	1.2	56	4.9	70	6.2
45+	43	-	-	4	9.3	4	9.3
Unknown	3	-	-	2	66.7	2	66.7
<b>Race/Ethnicity of Mother</b>							
White	54,915	576	1.0	2,458	4.5	3,034	5.5
Black	6,380	194	3.0	620	9.7	814	12.8
Amer. Indian	812	7	0.9	35	4.3	42	5.2
Hispanic	3,138	50	1.6	155	4.9	205	6.5
Laotian/Hmong	1,031	15	1.5	63	6.1	78	7.6
Other	855	8	0.9	41	4.8	49	5.7
Unknown	19	-	-	-	-	-	-
<b>Education Of Mother</b>							
Elem. or Less	2,086	27	1.3	113	5.4	140	6.7
Some H.S.	8,709	168	1.9	753	8.6	921	10.6
H.S. Grad	22,474	279	1.2	1,153	5.1	1,432	6.4
Some College	16,631	200	1.2	750	4.5	950	5.7
College Grad	10,778	100	0.9	359	3.3	459	4.3
Post-Grad	6,389	72	1.1	236	3.7	308	4.8
Unknown	83	4	4.8	8	9.6	12	14.5
<b>Marital Status</b>							
Married	48,615	482	1.0	1,979	4.1	2,461	5.1
Unmarried	18,530	368	2.0	1,393	7.5	1,761	9.5
Unknown	5	-	-	-	-	-	-

Supplementary Tables

**Table C. Number and Percent of Births at Low Birthweight (Less Than 2,500 Grams)**

	Total Births	<1,500 Grams		1,500-2,499 Grams		Total <2,500 Grams	
		Number	Percent	Number	Percent	Number	Percent
<b>Trimester Prenatal Care Began</b>							
First	56,333	707	1.3	2,655	4.7	3,362	6.0
Second	8,510	89	1.0	504	5.9	593	7.0
Third	1,696	10	0.6	125	7.4	135	8.0
None	509	37	7.3	78	15.4	115	22.6
Unknown	102	7	6.8	10	9.7	17	16.5
<b>Number of Prenatal Care Visits</b>							
No Visits	509	37	7.2	78	15.2	115	22.4
1-4	2,009	173	8.6	237	11.8	410	20.4
5-9	11,728	363	3.1	942	8.0	1,305	11.1
10-12	30,506	165	0.5	1,210	4.0	1,375	4.5
13+	22,180	102	0.5	886	4.0	988	4.5
Unknown	218	10	4.7	19	8.9	29	13.6
<b>Smoked During Pregnancy</b>							
No	54,884	626	1.1	2,277	4.1	2,903	5.3
Yes	12,210	220	1.8	1,082	8.9	1,302	10.7
Unknown	56	4	7.1	13	23.2	17	30.4
<b>Type of Delivery</b>							
Vag After Prev C-sect	2,076	13	0.6	92	4.4	105	5.1
Forceps	1,855	4	0.2	52	2.8	56	3.0
Other Vaginal	52,759	474	0.9	2,346	4.4	2,820	5.3
Primary C-section	6,698	318	4.7	709	10.6	1,027	15.3
Repeat C-section	3,749	41	1.1	170	4.5	211	5.6
Other	4	-	-	-	-	-	-
Unknown	9	-	-	3	33.3	3	33.3
<b>Live Birth Order</b>							
1	26,329	370	1.4	1,421	5.4	1,791	6.8
2	21,933	234	1.1	881	4.0	1,115	5.1
3	11,178	120	1.1	550	4.9	670	6.0
4	4,258	61	1.4	282	6.6	343	8.1
5+	3,443	65	1.9	237	6.9	302	8.8
Unknown	9	-	-	1	11.1	1	11.1
<b>Congenital Anomalies</b>							
No	66,327	812	1.2	3,256	4.9	4,068	6.1
Yes	781	29	3.7	101	12.9	130	16.6
Unknown	42	9	21.4	15	35.7	24	57.1

Note: Included in the totals are 7 births for which birthweight was not reported. Infants weighing less than 2,500 grams (or 5.5 pounds) at birth are considered low birthweight. Infants weighing less than 1,500 grams (or 3.3 pounds) at birth are considered very low birthweight. A dash (-) indicates that there were no events in that category.

**Table D. Fetal, Neonatal, and Infant Deaths by Selected Characteristics of Mother**

	Fetal (Gestation >20 weeks)		Neonatal (<28 days)		Infant (<1 year)	
	Number	Rate	Number	Rate	Number	Rate
<b>Total</b>	<b>416</b>	<b>6.2</b>	<b>314</b>	<b>4.7</b>	<b>492</b>	<b>7.3</b>
<b>Sex of Infant</b>						
Male	219	6.3	170	4.9	281	8.2
Female	187	5.7	143	4.4	210	6.4
Unknown	10	-	1	-	1	-
<b>Birthweight</b>						
1,499 Grams or Less	231	213.7	208	244.7	233	274.1
1,500-2,499 Grams	71	20.6	38	11.3	63	18.7
2,500+ Grams	107	1.7	68	1.1	195	3.1
Unknown	7	-	0	-	1	-
<b>White Non-Hispanic</b>						
1,499 Grams or Less	169	226.8	131	227.4	145	251.7
1,500-2,499 Grams	55	21.9	28	11.4	42	17.1
2,500+ Grams	72	1.4	56	1.1	137	2.6
Unknown	5	-	0	-	1	-
<b>Black Non-Hispanic</b>						
1,499 Grams or Less	50	204.9	53	273.2	63	324.7
1,500-2,499 Grams	10	-	7	-	17	-
2,500+ Grams	15	-	8	-	37	6.6
Unknown	2	-	0	-	0	-
<b>Plurality</b>						
Single Birth	379	5.8	268	4.1	439	6.7
Multiple Birth	37	19.4	46	24.6	53	28.3
<b>Marital Status</b>						
Married	256	5.2	189	3.9	281	5.8
Unmarried	160	8.6	125	6.7	211	11.4
<b>Education of Mother</b>						
Elementary or Less	23	10.9	11	-	18	-
Some High School	66	7.5	53	6.0	111	12.7
High School Graduate	150	6.6	115	5.1	171	7.6
Some College	83	5.0	75	4.5	106	6.4
College Graduate	76	4.4	56	3.2	81	4.7
Unknown	18	-	4	-	5	-

**Age of Mother**

**Table D. Fetal, Neonatal, and Infant Deaths by Selected Characteristics of Mother**

	Fetal (Gestation >20 weeks)		Neonatal (<28 days)		Infant (<1 year)	
	Number	Rate	Number	Rate	Number	Rate
<15	5	-	0	-	0	-
15-17	21	8.3	13	-	27	10.8
18-19	23	5.1	27	6.1	52	11.7
20-24	102	7.1	64	4.5	114	7.9
25-29	102	5.0	92	4.5	133	6.5
30-34	90	5.2	71	4.1	102	5.9
35-39	59	8.4	39	5.6	53	7.6
40+	14	-	8	-	10	-
Unknown	-	-	-	-	1	-
<b>Race of Mother</b>						
White	301	5.5	215	3.9	325	5.9
Black	77	11.9	68	10.7	117	18.3
Amer. Indian	12	-	4	-	8	-
Hispanic	17	-	20	6.4	32	10.2
Laotian/Hmong	4	-	7	-	9	-
Other	4	-	0	-	1	-
Unknown	1	-	0	-	0	-
<b>Trimester Prenatal Care Began</b>						
First	312	5.5	258	4.6	384	6.8
Second	61	7.1	35	4.1	71	8.3
Third	12	-	6	-	18	-
None	20	37.9	12	-	15	-
Unknown	11	-	3	-	4	-
<b>Number of Prenatal Care Visits</b>						
No Visits	20	37.5	12	-	15	-
1-4 Visits	93	44.2	92	45.8	116	57.7
5-9 Visits	169	14.2	102	8.7	154	13.1
10-12 Visits	82	2.7	61	2.0	123	4.0
13+ Visits	44	2.0	41	1.8	77	3.5
Unknown	8	-	6	-	7	-
<b>Smoked During Pregnancy</b>						
No	297	5.4	240	4.4	353	6.4
Yes	115	9.3	73	6.0	136	11.1
Unknown	4	-	1	-	3	-

Source: Fetal death and matched birth-death files, Wisconsin Center for Health Statistics.

Note: The fetal death rate is based on the number of fetal deaths per 1,000 live births and fetal deaths.  
 The neonatal death rate is based on the number of neonatal deaths per 1,000 live births.  
 The infant death rate is based on the number of infant deaths per 1,000 live births.  
 Rates based on fewer than 20 deaths are omitted because they are subject to large random fluctuations.



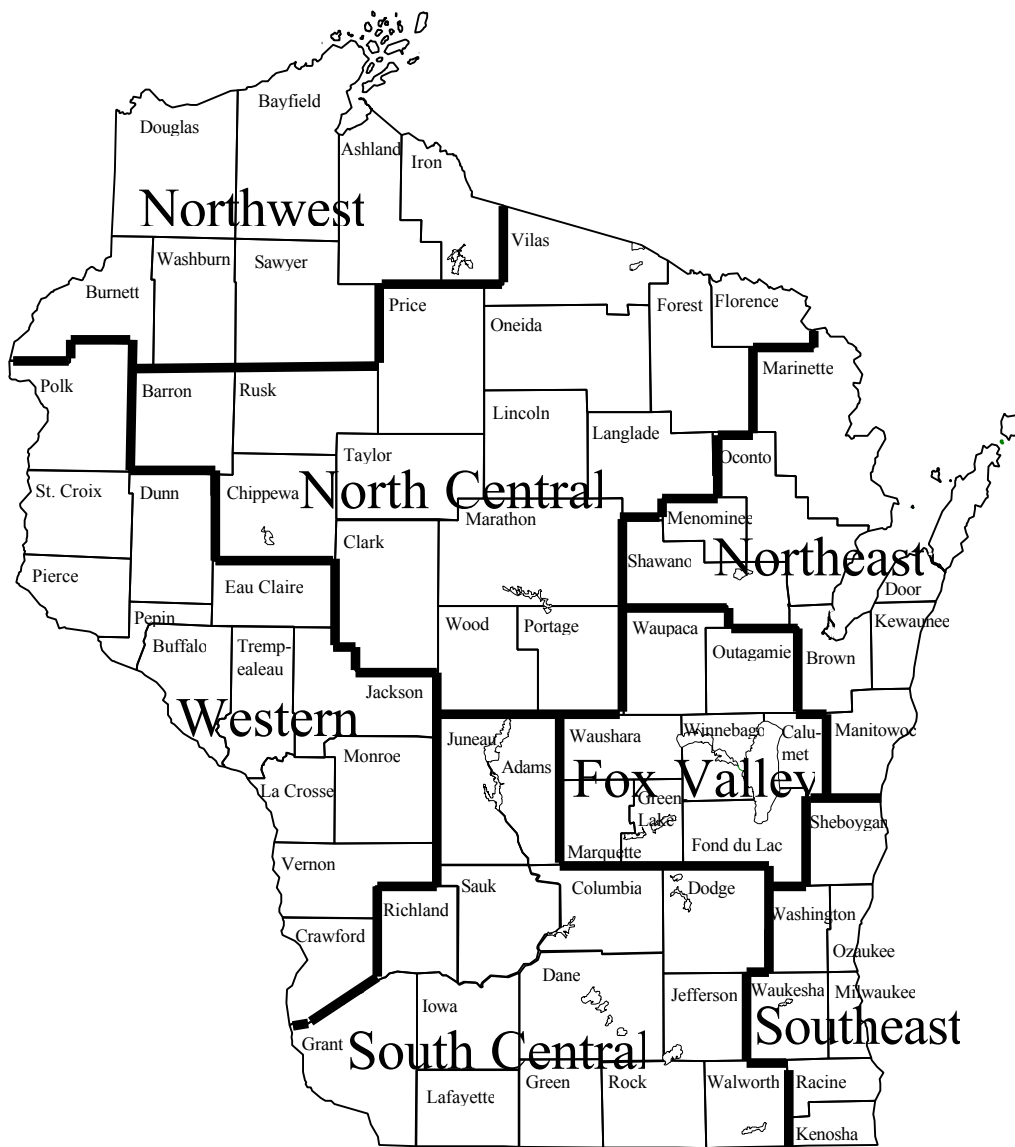
**Map 1. Wisconsin Department of Health and Family Services Regions, 1996**



Source: Wisconsin Center for Health Statistics.

Note: As of July 1, 1996, new Department of Health and Family Services Regions were established. Comparisons with regional data in previous publications may therefore be affected.

Map 2. Wisconsin Perinatal Regions, 1996



Source: Wisconsin Center for Health Statistics.

**BIRTH CERTIFICATE WORKSHEET**

The information on this worksheet (except signatures and informant entries) must be typed, if possible. If a typewriter is not available, the information must be printed neatly **IN BLACK INK** including informant information. Worksheets that are illegible will be returned for replacement. Item numbers reflect data entry order and are not always in consecutive order on this form.

INFORMANTS: READ THE PAGE TO THE LEFT AND COMPLETE THE SHADED AREAS ON BOTH SIDES OF THE FORM.

**PART I INFORMANT LEGAL INFORMATION**

Mother	16. Mother's Current Name	First	Middle	Last
	17. Mother's Birth Name (Maiden Name)	First	Middle	Last
	18. Mother's Date of Birth (Mo./Day/Yr.) (spell out month)	19. Mother's State of Birth (if not in the U.S.A., name the country)		
	* For items 20-23, enter the mother's legal residence (the physical location where the mother lives). Name the city, village or township (Minor Civil Division) where the home is located. This is not always the same as the mailing address. <b>Do not name an unincorporated place.</b>			
	20. Residence State (if not in the U.S.A., name the country)		21. Residence County	
22. Residence Inside City, Village, Township of:		23. Check One: <input type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Township		
Husband	Husband Information: Read the information on the page to the left labeled "E. Husband/Father Information on the Birth Certificate" before entering any of the items pertaining to the husband on the worksheet and before completing item 25, "Is Mother Married?"			
	24. Husband's Name	First	Middle	Last
	25. Husband's Date of Birth (Mo./Day/Yr.) (spell out month)	26. Husband's State of Birth (if not in U.S.A., name the country)		
	32. Informant Name	33. Relation to Child (do not enter "father" if informant is not listed as husband in item 24)		
CHILD'S NAME (Read the information on the left labeled "D. Name of Your Child" before completing this section.) Print the name as you want it to appear on the legal birth record.				
First		Middle	Last	Title (e.g. Jr., II, III, etc.)

SAMPLE

**PART II INFORMANT CONFIDENTIAL LEGAL INFORMATION**

(This information Does Not Appear on Certified Copies of The Birth Certificate)

34a. Mother's Mailing Address (Street or RFD, City / Village / Post Office, State, ZIP) The Birth Notification form will be sent to this address. If the infant is being placed for adoption or this possibility is under consideration, check the box and do not provide an address. <input type="checkbox"/> Child may/will be placed for adoption	
34b. Social Security Number Requested by Parents? Read the information on the page to the left labeled, "G. Social Security Number Requested" before answering this question. The infant must be named and the mother's mailing address must be complete if the box is checked "Yes". <input type="checkbox"/> YES <input type="checkbox"/> NO	34c. Mother's Social Security Number  34d. Husband's Social Security Number
35. Is Mother Married (at any time between conception and birth)? Read the information labeled "E. Husband/Father Information" on the page to the left before answering this question. <input type="checkbox"/> YES <input type="checkbox"/> NO	
*Parent/Informant Signature and Date. I certify that the information I have provided in the shaded areas of both sides of this form is correct to the best of my knowledge and belief.	
Signature _____	Date Signed _____

\*Only the mother and/or the husband named in item 24 may name the child and/or authorize a request for a social security number for the child. If the informant is someone other than the mother or husband, the mother or husband must co-sign this document.

**PART I RECORD FILER LEGAL INFORMATION**

(RECORD FILER: TYPE OR PRINT CHILD'S NAME AND RE VERIFY WITH NAME GIVEN ABOVE BY INFORMANT)

1. Child's Name: First		Middle	Last	Title (e.g. Jr., II, III, etc.)
2. Sex <input type="checkbox"/> Male <input type="checkbox"/> Female	3. Date of Birth (Month/Day/Year) (spell out month)		4. Hour (specify hour and minute and check appropriate box) <input type="checkbox"/> AM <input type="checkbox"/> PM <input type="checkbox"/> Noon <input type="checkbox"/> Midnight	
5a. Birth Facility <input type="checkbox"/> Clinic/Dr. Office <input type="checkbox"/> Residence <input type="checkbox"/> Hospital <input type="checkbox"/> Birth Center <input type="checkbox"/> Other		5b. If at or en route to a hospital, give name		
5c. If not at or en route to a hospital, give street address where birth occurred (where placenta was delivered)				
6. County of Birth:		7. Birth Occurred Inside City, Village, Township of:		8. Check One: <input type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Township
9a. Attendant Name		9b. Wis. License #		10. Title 1. <input type="checkbox"/> M D 2. <input type="checkbox"/> D O 3. <input type="checkbox"/> C N M 4. <input type="checkbox"/> Other MDWF 5. <input type="checkbox"/> Other
11. Name of Filing Party [s. 69.14(1)(c)] and Title			12. Date Completed (Month/Day/Year) (spell out month)	
13. Mailing Address of Filing Party <input type="checkbox"/> Same as Hospital. If not at a hospital, give complete mailing address				
27. Birthweight (original unconverted) grams OR lbs. oz.		28. Crown-Heel Length (original unconverted) centimeters OR in.		
29. If infant Died (Mo./Day/Yr.) (spell out month) <input type="checkbox"/> Died		30. Plurality (single, twin, triplet, etc.)		31. If Not Single Birth: (born first, second, third, etc.)

**PART III CONFIDENTIAL MEDICAL/STATISTICAL INFORMATION**

The information from this page is only available to the mother and to the staff of some public health and research programs. They must treat this information as confidential material. The information is collected throughout the nation for health and population research and it is used to promote healthy births and to identify present and future health needs and populations of certain groups or areas. This information does not appear on the birth certificate.

**RACE** - Enter the race of the mother and husband (if listed in item 24) on the appropriate line. Enter both races if of "mixed" race. Do not enter "Hispanic" here. If "Native American", enter "American Indian". If Asian or Southeast Asian, specify the national origin such as "Hmong", "Cambodian", "Chinese", "Japanese", etc.

**HISPANIC ORIGIN** - "Hispanic" refers to people whose origins are from Spain, Mexico, or the Spanish-speaking countries of Central or South America. If you are of Hispanic origin, specify the national origin. If not of Hispanic origin, check the "No" box.

**EDUCATION** - Enter the number of years of schooling completed. Do not count partial years (e.g. if the freshman year of college is not completed, enter "12" under "Elementary/Secondary" column). Do not include years in technical or specialty schools unless college transferable academic credits were received.

**EMPLOYMENT ONE YEAR AGO** - Enter the occupation and type of firm or agency worked at one year prior to this birth. Be as specific as possible in these items (See examples below). Avoid the use of a firm or agency name. Instead, describe the type of business in which the firm or agency is involved. Do not use abbreviations for job titles.

Examples:

OCCUPATION	TYPE OF FIRM OR AGENCY	OCCUPATION	TYPE OF FIRM OR AGENCY
Enter: Clerk Typist Not: Office Worker	City Health Department City of Madison	Enter: Disabled Not: None	None None
Enter: Math Teacher Not: Teacher	High School Public School	Enter: Unemployed Not: Never Worked	None None
Enter: Auto Mechanic Not: Mechanic	Self-Employed Own	Enter: Student Not: None	High School None
Enter: Sales Clerk Not: Clerk	Hardware Store Smith's Store	Enter: Homemaker Not: None	Own Home None

Mother	36. RACE White, Black Amer. Ind., etc.	37. HISPANIC ORIGIN Specify Mexican, Puerto Rican, Cuban, etc.	38. EDUCATION Highest Grade Completed Elem./Second College (0-12) (14 of 5+)	39. EMPLOYMENT ONE YEAR AGO Occupation Type of Firm or Agency		40. PREGNANCY HISTORY (Obtain from informant if necessary)			
	<b>SAMPLE</b>					LIVE BIRTHS (exclude this child)		DATE OF LAST LIVE BIRTH	
Now Living						Now Dead		None	
Husband	a. Number		b. Number		c. Month/Year		DATE OF LAST OTHER TERMINATION		
	Other Terminations (Spontaneous or induced)		Less than 20 wks. None		20 wks. or more None		None		
d. Number		e. Number		f. Month/Year					
41. CLINICAL ESTIMATE OF GESTATION (Weeks)		42. DATE LAST NORMAL MENSES BEGAN		43. MONTH OF PREGNANCY PRENATAL CARE BEGAN		44. TOTAL NUMBER OF PRENATAL VISITS		45. APGAR SCORE	
		Month Day Year		(Month 1-9; Not Trimester)		None		1 minute 5 minute	
46. MOTHER TRANSFERRED PRIOR TO DELIVERY?		47. INFANT TRANSFERRED TO INTENSIVE CARE OR ANOTHER HOSPITAL		If yes, Name facility and city:					
YES <input type="checkbox"/> NO <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>		Date of Transfer (Month Day Year)					
CIGARETTE USE AND ALCOHOL USE: If the mother smoked cigarettes or consumed alcohol at any time during the pregnancy, check the "Yes" box for the appropriate item. Enter the average number of cigarettes smoked per day and/or the average number of alcoholic drinks consumed per week. If the average is less than "1", enter "0" (zero).									
If the mother did not smoke cigarettes or drink alcohol at any time during the pregnancy, check "NO" for the appropriate item.									
48a. Cigarette use during pregnancy?			48b. Alcohol Use During Pregnancy?			48c. Weight Gain/Loss During Pregnancy.			
Yes <input type="checkbox"/> No <input type="checkbox"/>			Yes <input type="checkbox"/> No <input type="checkbox"/>			Net pounds gained		Net pounds lost	
If yes, avg. number cigarettes per day			If yes, avg. number drinks per week						

**CHECK ALL THAT APPLY**

<p><b>49. MEDICAL HISTORY FOR THIS PREGNANCY</b></p> <p>01A <input type="checkbox"/> Anemia (Hct. &lt; 30/Hgb. &lt; 10)</p> <p>02B <input type="checkbox"/> Cardiac disease</p> <p>03C <input type="checkbox"/> Acute or chronic lung disease</p> <p>04D <input type="checkbox"/> Pre-existing diabetes</p> <p>05E <input type="checkbox"/> Gestational diabetes</p> <p>06F <input type="checkbox"/> Genital herpes</p> <p>07G <input type="checkbox"/> Other STD (chlamydia, GC)</p> <p>08H <input type="checkbox"/> Hydramnios/Oligohydramnios</p> <p>09I <input type="checkbox"/> Hemoglobinopathy</p> <p>10J <input type="checkbox"/> Hypertension, chronic</p> <p>11K <input type="checkbox"/> Hypertension, pregnancy assoc</p> <p>12L <input type="checkbox"/> Eclampsia</p> <p>13M <input type="checkbox"/> Incompetent cervix</p> <p>14N <input type="checkbox"/> Previous infant 4000+ grams</p> <p>15O <input type="checkbox"/> Previous preterm or small-for gestational-age infant</p> <p>16P <input type="checkbox"/> Renal disease</p> <p>17Q <input type="checkbox"/> Rh sensitization</p> <p>18R <input type="checkbox"/> Uterine bleeding</p> <p>19S <input type="checkbox"/> None</p> <p>20T <input type="checkbox"/> Other</p> <p>Specify:</p>	<p><b>51. EVENTS OF LABOR AND/OR DELIVERY</b></p> <p>01A <input type="checkbox"/> Febrile (&gt; 100 F or 38C)</p> <p>02B <input type="checkbox"/> Meconium, moderate/heavy</p> <p>03C <input type="checkbox"/> Prem. rupture of membranes (&gt; 12 hrs)</p> <p>04D <input type="checkbox"/> Abruptio placenta</p> <p>05E <input type="checkbox"/> Placenta previa</p> <p>06F <input type="checkbox"/> Other excessive bleeding</p> <p>07G <input type="checkbox"/> Seizures during labor</p> <p>08H <input type="checkbox"/> Precipitous labor (&lt; 3 hrs)</p> <p>09I <input type="checkbox"/> Prolonged labor (&gt; 20 hrs)</p> <p>10J <input type="checkbox"/> Dystfunctional labor</p> <p>11K <input type="checkbox"/> Breech</p> <p>12L <input type="checkbox"/> Other malpresentation</p> <p>13M <input type="checkbox"/> Cephalopelvic disproportion</p> <p>14N <input type="checkbox"/> Cord prolapse</p> <p>15O <input type="checkbox"/> Anesthetic complications</p> <p>16P <input type="checkbox"/> Fetal distress</p> <p>17Q <input type="checkbox"/> None</p> <p>18R <input type="checkbox"/> Other</p> <p>Specify:</p>	<p><b>54. CONGENITAL ANOMALIES OF CHILD</b></p> <p>01A <input type="checkbox"/> Anencephalus</p> <p>02B <input type="checkbox"/> Spina Bifida/Meningocele</p> <p>03C <input type="checkbox"/> Hydrocephalus</p> <p>04D <input type="checkbox"/> Microcephalus</p> <p>05E <input type="checkbox"/> Other cent. nerv. sys. anomalies</p> <p>Specify:</p> <p>06F <input type="checkbox"/> Heart malformations</p> <p>07G <input type="checkbox"/> Other circ./respir. anomalies</p> <p>Specify:</p> <p>08H <input type="checkbox"/> Rectal atresia/stenosis</p> <p>09I <input type="checkbox"/> Tracheo-esophageal fistula/Esophageal atresia</p> <p>10J <input type="checkbox"/> Omphalocele/Gastrochisis</p> <p>11K <input type="checkbox"/> Other gastrointestinal anomalies</p> <p>Specify:</p> <p>12L <input type="checkbox"/> Malformed genitalia</p> <p>13M <input type="checkbox"/> Renal agenesis</p> <p>14N <input type="checkbox"/> Other urogenital anomalies</p> <p>Specify:</p> <p>15O <input type="checkbox"/> Cleft lip/palate</p> <p>16P <input type="checkbox"/> Polydactyly/Syndactyly/Ardactyly</p> <p>17Q <input type="checkbox"/> Club foot</p> <p>18R <input type="checkbox"/> Diaphragmatic hernia</p> <p>19S <input type="checkbox"/> Other musculoskeletal/integumental anomalies</p> <p>Specify:</p> <p>20T <input type="checkbox"/> Down syndrome</p> <p>21U <input type="checkbox"/> Other chromosomal anomalies</p> <p>Specify:</p> <p>22V <input type="checkbox"/> None</p> <p>23W <input type="checkbox"/> Other</p> <p>Specify:</p>
<p><b>50. OBSTETRIC PROCEDURES</b></p> <p>01A <input type="checkbox"/> Amniocentesis</p> <p>02B <input type="checkbox"/> Electronic fetal monitoring</p> <p>03C <input type="checkbox"/> Induction of labor</p> <p>04D <input type="checkbox"/> Stimulation of labor</p> <p>05E <input type="checkbox"/> Tocolysis</p> <p>06F <input type="checkbox"/> Ultrasound</p> <p>07G <input type="checkbox"/> Postpartum sterilization</p> <p>08H <input type="checkbox"/> None</p> <p>09I <input type="checkbox"/> Other</p> <p>Specify:</p>	<p><b>52. METHOD OF DELIVERY</b></p> <p>01A <input type="checkbox"/> Vaginal</p> <p>02B <input type="checkbox"/> Vaginal after previous C-section</p> <p>03C <input type="checkbox"/> Primary C-section</p> <p>04D <input type="checkbox"/> Repeat C-section</p> <p>05E <input type="checkbox"/> Forceps</p> <p>06F <input type="checkbox"/> Vacuum</p>	
	<p><b>53. ABNORMAL CONDITIONS OF THE NEWBORN</b></p> <p>01A <input type="checkbox"/> Anemia (Hct. &lt; 39/Hgb. &lt; 13)</p> <p>02B <input type="checkbox"/> Birth injury</p> <p>03C <input type="checkbox"/> Hyaline membrane disease/RDS</p> <p>04D <input type="checkbox"/> Meconium aspiration syndrome</p> <p>05E <input type="checkbox"/> Assisted ventilation &lt; 30 min</p> <p>06F <input type="checkbox"/> Assisted ventilation ≥ 30 min</p> <p>07G <input type="checkbox"/> Seizures</p> <p>08H <input type="checkbox"/> None</p> <p>09I <input type="checkbox"/> Other</p> <p>Specify:</p>	

**Crosswalk to Previous Reports**

The following chart is provided to assist users familiar with the *Maternal and Child Health Statistics* and *Vital Statistics* reports from previous years in locating comparable information in *Wisconsin Births and Infant Deaths, 1996*. The chart is organized by subject rather than following the order in any of these documents.

	<b>Wisconsin Births and Infant Deaths</b>	<b>1994 Maternal and Child Health</b>	<b>1994 Vital Statistics</b>
<b>Summary Information</b>			
Births and Fertility Rates	Pages 9,10, 25-27	Pages 5,6	Page 35
Birthweight	Page 21	Page 7	
Home Deliveries	Page 34	Page 30	
Hospital Deliveries	Page 32	Page 9	
Infant Mortality	Page 23	Page 10	
Marital Status	Page 14	Page 8	
Medical Risk Factors	Page 19	Page 8	
Obstetric Procedures	Page 20	Page 9	
Prenatal Care	Page 16	Page 6	
Smoking	Page 17	Page 8	
<b>Births by Age of Mother</b>			
	<b>Table</b>	<b>Table</b>	<b>Table</b>
and birth order	A1-A2	2.2.2, 2.2.4	
and birthweight	C	2.2.3	1.7
and education	A1-A2	2.2.1	
and marital status	A1-A2	2.2.1	1.3
and prenatal care	A1-A2	2.2.2	
and race	A1-A2	2.1.1	
and smoking status	A1-A2	2.2.2	
<b>Births by Race of Mother</b>			
and age	B1-B2	2.1.1	1.2
and birth order	B1-B2	2.1.3	1.2
and birthweight	C	2.1.8	1.2
and education	B1-B2	2.1.2	1.2
and marital status	B1-B2	2.1.3	1.2
and prenatal care	B1-B2	2.1.4	1.2
and smoking status	B1-B2	2.1.5	
<b>Births by County</b>			
and age	6a ,6b	2.7.1	1.6
and birthweight	18	2.7.3	
and unmarried mothers	12a ,12b	2.7.4	
and prenatal care	14	2.7.2	
and race	8a ,8b	2.7.5	1.1
and selected Minor Civil Division	3		1.6
	<b>Wisconsin Births</b>	<b>1994 Maternal</b>	<b>1994 Vital</b>

	and Infant Deaths	and Child Health	Statistics
<b>Births by Selected Cities</b>	2	2.7.6, 2.7.7	1.6
<b>Births by Region</b>			
and age	7a, 7b	2.8.1, 2.8.2	
and birthweight	19	2.8.1, 2.8.2	
and unmarried mothers	13a, 13b	2.8.1, 2.8.2	
and education	11a, 11b	2.8.1, 2.8.2	
and prenatal care	15	2.8.1, 2.8.2	
and race	9a, 9b	2.1.10	
<b>Infant Mortality</b>			1.6
and age of mother	D	3.1.2	
and birthweight	D	3.4	
and education	D	3.2	
and marital status	D	3.2	
and plurality	D	3.3	
and prenatal care	D	3.3	
and race of mother	D	3.1.1	
and sex of infant	D	3.1.1	
and mother's smoking status	D	3.5	

### Sources, Definitions and Explanations of Terms

National Data National data used in this report were cited from Ventura SJ, Peters KD, Martin JA, Maurer JD. Births and deaths: United States, 1996. *Monthly Vital Statistics Report*, Vol. 46, No. 1, Supp. 2. Hyattsville, Maryland: National Center for Health Statistics, 1997.

Race/Ethnicity Classifications All live births, fetal deaths and infant deaths were classified by race or Hispanic origin of mother into one of six categories: non-Hispanic white, non-Hispanic black, non-Hispanic American Indian, Hispanic, Laotian/Hmong, and non-Hispanic other (which are almost entirely Asian). The Laotian/Hmong category consists of mothers whose race was indicated as “Laotian” and “Hmong” or mothers born in Laos. Hispanics may be of any race; in Wisconsin, approximately 97 percent of Hispanic women giving birth report their race as white.

Prior to 1994, Wisconsin birth reports included a race/ethnicity category labeled “Indochinese.” Beginning in 1994, this category was redefined as “Laotian/Hmong” (who constituted approximately 95 percent of the Indochinese category). The remaining 5 percent of births in the Indochinese category were reallocated to the “Other” grouping; this includes Vietnamese, Cambodian, Thai, Chinese, Japanese, and East Indian.

Birth Certificate Checklists. Beginning in 1989, data on maternal health, pregnancy, delivery, and some dimensions of birth outcomes were collected in the following birth certificate checklists: “Medical history for this pregnancy,” “Obstetric procedures,” “Events of labor and/or delivery,” “Method of delivery,” “Abnormal conditions of the newborn,” and “Congenital anomalies of child” (see sample birth certificate, Page 77). These data were previously collected in a fill-in-the-blank format. Thus, data presented in annual reports for 1982-1988 on risk and treatment (“Type of delivery,” “Concurrent conditions of pregnancy,” “Complications of pregnancy,” “Complications of delivery,” and “Congenital anomalies”) are not comparable to the data presented in Maternal and Child Health Statistics annual reports since 1989.

Also to be noted are the limitations on comparability that relate to changes in the editing of the medical checklist items since 1989. Each checklist (with the exception of “Method of delivery”) has an “other-specify” checkbox. Conditions reported in the “other-specify” category have been edited to exclude invalid reports from the database, and to ensure that those conditions that belong elsewhere in a checklist are properly reported. The editing process has varied each year, which affects comparability. This probably most affects data on “Medical history for this pregnancy” and “Congenital anomalies of child;” it also affects comparability of “Events of labor and/or delivery” and “Abnormal conditions of the newborn.” In 1990, this editing was done only for the “Congenital anomalies” and “Abnormal conditions” checklists. The decline in the reporting of congenital anomalies on birth certificates can be explained largely by new edits adopted in 1994 that eliminate conditions formerly counted and by reduction of the average length of hospital stay for mothers and infants after delivery.

Definitions of "Medical Risk Factors for this Pregnancy," "Obstetric Procedures," "Complications of Labor and/or Delivery," "Abnormal Conditions of the Newborn" and "Congenital Anomalies of Child" were adapted from:

National Center for Health Statistics. Advance report of new data from the 1989 birth certificate. *Monthly Vital Statistics Report*, Vol. 40, No. 12, Supplement. Hyattsville, Maryland: Public Health Service, 1997.

Prematurity. The 1995 and 1996 reports use a prematurity index based on the computed estimate of gestational age, which is the difference between the date of last normal menses and the date of the infant's birth. The clinical estimate of gestational age (reported by the physician directly on the birth certificate) is substituted when the date of last normal menses is unknown. The use of this index decreases the number of unknown records on gestational age. Previous years reported some or all three measures.

### Mortality.

Infant Death. The birth-death cohort is not completed until one full year after the end of the birth cohort calendar year. This publication reports mortality data on infants who died during 1996, rather than the mortality experience of the 1996 birth cohort, to allow more timely reporting on infant mortality.

Fetal Death. Fetal death is defined as death prior to the complete expulsion or extraction from its mother of a product of conception; the fetus shows no signs of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. Only fetal deaths of at least 20 weeks gestation or 350 grams must be reported in Wisconsin. A fetal death report is not used for induced abortions. Some 1996 fetal deaths are not reported in this publication due to some fetal deaths that occurred to Wisconsin residents outside the state and to underreporting within the state.

Maternal Deaths. There were two deaths in 1996 for which a maternal cause of death was reported on the death certificate. Before 1989, and beginning again in 1994, the Center for Health Statistics followed up deaths of women of childbearing age with inquiries about pregnancy-related causes of death. Maternal deaths from 1989-1993 may be underreported because this special study was not conducted.

Perinatal Regions. These tables present birth information for each of the seven Perinatal Regions in Wisconsin (see Map 2, page 76). These regions were informally designated in the early 1970s by the Wisconsin Association for Perinatal Care, in cooperation with organizations representing public and private providers of perinatal services. Perinatal regions represent geographical boundaries within which arrangements exist among providers of perinatal services to facilitate optimal treatment for pregnant women and newborns. Within each region, selected hospitals with the capability to provide neonatal and maternal intensive care have been self-designated as perinatal centers. High-risk pregnancies and deliveries are often referred to or transported to these perinatal centers, as are high-risk babies born outside perinatal centers. Health care providers within the regions also collaborate in other ways to address perinatal health care issues as they arise.

Limitations of the Data. Vital records information has some limitations related to completeness, accuracy, and timeliness of registration, quality control procedures and classification problems. The



reporting of live births and infant deaths is considered to be essentially complete for births occurring in Wisconsin. A cooperative exchange program between all states has been in operation for several decades to allocate birth and death certificates to the state of residence. Although this exchange program is not totally complete, the incompleteness is not of sufficient magnitude to seriously affect natality and infant mortality results.

Edit checks are incorporated in the software used for electronic transmission of birth certificate data, and the Section of Vital Statistics, Wisconsin Center for Health Statistics, reviews birth certificates and death certificates for logical inconsistencies. Some errors remain after this review, but they are thought to have little, if any, effect on statistical results.

There may be some underreporting of medical risk factors and types of obstetrical procedures performed. There may also be underreporting of congenital anomalies which are identifiable at birth; in addition, some congenital anomalies cannot be detected at the time the birth certificate is filed.

### **Medical Risk Factors for This Pregnancy**

<b><i>Anemia</i></b>	Maternal hemoglobin level of less than 10.0 g/dL during pregnancy, or a hematocrit of less than 30 percent during pregnancy.
<b><i>Cardiac Disease</i></b>	Disease of the heart.
<b><i>Acute or Chronic Lung Disease</i></b>	Disease of the lungs during pregnancy.
<b><i>Diabetes</i></b>	Metabolic disorder characterized by excessive discharge of urine and persistent thirst; includes juvenile onset, adult onset, and gestational diabetes during pregnancy.
<b><i>Genital Herpes</i></b>	Infection of the skin of the genital area by herpes simplex virus.
<b><i>Hydramnios/ Oligohydramnios</i></b>	Any noticeable excess (hydramnios) or lack (oligohydramnios) of amniotic fluid.
<b><i>Hypertension, Chronic</i></b>	Blood pressure persistently greater than 140/90, diagnosed prior to onset of pregnancy or before the 20th week of gestation.
<b><i>Hypertension, Pregnancy- Associated</i></b>	An increase in blood pressure of at least 30 mm hg systolic or 15 mm hg diastolic on two measurements taken six hours apart after the 20th week of gestation.
<b><i>Eclampsia</i></b>	The occurrence of convulsions and/or coma unrelated to other cerebral conditions in women with signs and symptoms of preeclampsia.
<b><i>Incompetent Cervix</i></b>	A condition characterized by painless dilation of the cervix in the second trimester or early in the third trimester of pregnancy, with premature expulsion of membranes through the cervix and ballooning of the membranes into the vagina, followed by rupture of the membranes and subsequent expulsion of the fetus.

***Previous Infant 4,000+ Grams*** Previous birth of a live-born child with a birthweight of over 4,000 grams (8 lbs 14 oz).

***Previous Preterm or SGA Infant*** Previous birth of an infant prior to term (before 37 completed weeks of gestation), or of an infant weighing less than the 10th percentile for gestational age, using a standard weight-for-age chart. (SGA: small for gestational age).

***Renal Disease*** Kidney disease.

***Rh Sensitization*** The process or state of becoming sensitized to the Rh blood factor, as when an Rh-negative woman is pregnant with an Rh-positive fetus.

***Uterine Bleeding*** Any clinically significant bleeding during the pregnancy, taking into consideration the stage of pregnancy; any second- or third-trimester bleeding of the uterus prior to the onset of labor.

### **Obstetric Procedures**

***Amniocentesis*** Surgical transabdominal perforation of the uterus to obtain amniotic fluid to be used in the detection of genetic disorders, fetal abnormalities, and fetal lung maturity.

***Electronic Fetal Monitoring*** Monitoring with external devices applied to the maternal abdomen or with internal devices with an electrode attached to the fetal scalp and a catheter through the cervix into the uterus, to detect and record fetal heart tones and uterine contractions.

***Induction of Labor*** The initiation of uterine contractions before the spontaneous onset of labor by medical and/or surgical means for the purpose of delivery.

***Stimulation of Labor*** Augmentation of previously established labor by use of oxytocin.

***Tocolysis*** Use of medications to inhibit preterm uterine contractions to extend the length of pregnancy and, therefore, avoid a preterm birth.

***Ultrasound*** Visualization of the fetus and the placenta by means of sound waves.

**Congenital Anomalies of Child**

<b><i>Anencephalus</i></b>	Absence of the cerebral hemispheres.
<b><i>Spina Bifida/ Meningocele</i></b>	Developmental anomaly characterized by defective closure of the bony encasement of the spinal cord, through which the cord and meninges may or may not protrude.
<b><i>Hydrocephalus</i></b>	Excessive accumulation of cerebrospinal fluid within the ventricles of the brain with consequent enlargement of the cranium.
<b><i>Microcephalus</i></b>	A significantly small head.
<b><i>Other Central Nervous System</i></b>	Other specified anomalies of the brain, spinal cord, and nervous system.
<b><i>Heart Malformations</i></b>	Congenital anomalies of the heart.
<b><i>Other Circulatory/ Respiratory</i></b>	Other specified anomalies of the circulatory and respiratory systems.
<b><i>Rectal Atresia/ Stenosis</i></b>	Congenital absence, closure, or narrowing of the rectum.
<b><i>Tracheo-Esophageal Fistula/Esophageal Atresia</i></b>	An abnormal passage between the trachea and the esophagus; esophageal atresia is the congenital absence or closure of the esophagus.
<b><i>Omphalocele/ Gastroschisis</i></b>	An omphalocele is a protrusion of variable amounts of abdominal viscera from a midline defect at the base of the umbilicus. In gastroschisis, the abdominal viscera protrude through an abdominal wall defect, usually on the right side of the umbilical cord insertion.
<b><i>Other Gastro- intestinal</i></b>	Other specified congenital anomalies of the gastrointestinal system.
<b><i>Malformed Genitalia</i></b>	Congenital anomalies of the reproductive organs.
<b><i>Renal Agenesis</i></b>	One or both kidneys are completely absent.
<b><i>Other Urogenital Anomalies</i></b>	Other specified congenital anomalies of the organs concerned in the production and excretion of urine, together with organs of reproduction.
<b><i>Cleft Lip/Palate</i></b>	Cleft lip is a fissure or elongated opening of the lip; cleft palate is a fissure in the roof of the mouth. These are failures of embryonic development.

<b><i>Polydactyly/ Syndactyly, Adactyly</i></b>	Polydactyly is the presence of more than five digits on either hands and/or feet; syndactyly is having fused or webbed fingers and/or toes; adactyly is the absence of fingers and/or toes.
<b><i>Clubfoot</i></b>	Deformity of the foot, which is twisted out of shape or position.
<b><i>Diaphragmatic Hernia</i></b>	Herniation of the abdominal contents through the diaphragm into the thoracic cavity, usually resulting in respiratory distress.
<b><i>Other Musculo- skeletal/ Integumental</i></b>	Other specified congenital anomalies of the muscles, skeleton, or skin.
<b><i>Down Syndrome</i></b>	The most common chromosomal defect, with most cases resulting from an extra chromosome (trisomy 21).
<b><i>Other Chromosomal Anomalies</i></b>	All other chromosomal aberrations.