

2006

Wisconsin
Births and Infant Deaths

*Bureau of Health Information and Policy
Division of Public Health
Wisconsin Department of Health and Family Services*

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September 2007

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Foreword

The Department of Health and Family Services is mandated by section 69.03 (9), Wisconsin Statutes, to prepare an annual report on vital statistics. This report summarizes data collected from the confidential portion of the birth record and related infant death information compiled from resident death certificates.

The Department of Health and Family Services produced this publication, which was prepared in the Bureau of Health Information and Policy, Division of Public Health.

In the Bureau of Health Information and Policy, staff of the Vital Records Section, Registration and Statistics Unit, collected and compiled the birth, infant death, and fetal death records. Laura Ninneman prepared the report and updated the narrative. Patricia Namez edited the report. Draft review and comments were provided by Murray Katcher, M.D., Bureau of Community Health Promotion, Division of Public Health. The report was prepared under the supervision of John Kiesow, State Registrar, Vital Records Section, and Jane Kraus, Supervisor, Registration and Statistics Unit; and the overall direction of Patricia Guhleman, Director, Bureau of Health Information and Policy.

Additional health-related statistical information for Wisconsin is available through the Internet on the Department of Health and Family Services Web site, at <https://www.dhs.wisconsin.gov/stats/index.htm>. Wisconsin Interactive Statistics on Health (WISH) is a data query system that allows users to obtain birth and other data tailored to their specifications, at <https://www.dhs.wisconsin.gov/wish/index.htm>. Trend tables of maternal and child health data for individual counties are available at <https://www.dhs.wisconsin.gov/stats/births/index.htm>.

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Contents

Foreword	ii
Introduction	1
Key Findings	2
Section 1. Statewide Information	
Birth and Fertility Rates.....	4
Characteristics of the Mother.....	9
Age of Mother.....	9
Births to Teens.....	10
Race/Ethnicity of Mother.....	12
Marital Status of Mother.....	14
Education of Mother.....	16
Characteristics of the Pregnancy and Delivery.....	18
Prenatal Care.....	18
Cigarette Smoking.....	20
Medical Risk Factors.....	22
Methods of Delivery.....	24
Obstetric Procedures.....	25
Characteristics of the Newborn.....	26
Low Birthweight.....	26
Prematurity.....	28
Congenital Anomalies.....	29
Mortality.....	30
Section 2. Local and Regional Information	
Birth and Fertility Rates	
Table 2-1. Population, Births by Sex, Crude and General Fertility Rates by County.....	36
Table 2-2. Population, Births and Crude Birth Rate by Selected Places.....	38
Table 2-3. Number of Births by County of Residence and Selected Minor Civil Divisions....	39
Table 2-4. Births by County, City and Facility of Occurrence.....	43
Table 2-5. Home Births by County of Birth.....	46
Characteristics of the Mother	
Table 2-6. Number of Births by Age of Mother and County.....	47
Table 2-7. Percent of Births by Age of Mother and County.....	49
Table 2-8. Number of Births by Age of Mother and Region.....	51
Table 2-9. Percent of Births by Age of Mother and Region.....	51
Table 2-10. Number of Births by Race/Ethnicity of Mother and County.....	52
Table 2-11. Percent of Births by Race/Ethnicity of Mother and County.....	54
Table 2-12. Number of Births by Race/Ethnicity of Mother and Region.....	56
Table 2-13. Percent of Births by Race/Ethnicity of Mother and Region.....	56
Table 2-14. Number of Births by Education of Mother and County of Residence.....	57
Table 2-15. Percent of Births by Education of Mother and County of Residence.....	59
Table 2-16. Number of Births by Education of Mother and Region.....	61
Table 2-17. Percent of Births by Education of Mother and Region.....	61
Table 2-18. Number of Births to Unmarried Mothers by Age and County.....	62
Table 2-19. Percent of Births to Unmarried Mothers by Age and County.....	64
Table 2-20. Number of Births to Unmarried Mothers by Age and Region.....	66
Table 2-21. Percent of Births to Unmarried Mothers by Age and Region.....	66

Characteristics of the Pregnancy	
Table 2-22.	Births by Trimester Prenatal Care Began and County 67
Table 2-23.	Births by Trimester Prenatal Care Began and Region 69
Table 2-24.	Births by Number of Prenatal Care Visits and County 70
Table 2-25.	Births by Number of Prenatal Care Visits and Region 72
Characteristics of the Newborn	
Table 2-26.	Births by Birthweight and County 73
Table 2-27.	Births by Birthweight and Region 75
Mortality	
Table 2-28.	Fetal, Neonatal, Postneonatal and Infant Deaths by County 76
Table 2-29.	Fetal, Neonatal, Postneonatal and Infant Deaths by Region 78
Table 2-30.	Rates of Fetal, Neonatal, Postneonatal and Infant Deaths by Region 78
Table 2-31.	Fetal, Neonatal, Postneonatal and Infant Deaths by Selected Places 79
Section 3. Trend Information, 1980 to 2004	
Table 3-1.	Number of Births by County of Residence 80
Table 3-2.	Number and Rate of Births by Age of Mother 86
Table 3-3.	Total Births and Births to Teenagers and Unmarried Mothers 88
Table 3-4.	Births by Selected Birth Indicators 89
Table 3-5.	Infant, Neonatal, Fetal and Perinatal Deaths and Mortality Rates 90
Table 3-6.	Infant Deaths and Mortality Rates by Race/Ethnicity 91
Section 4. Detailed Statewide Information	
Table 4-1.	Number of Births by Age of Mother and Selected Characteristics 92
Table 4-2.	Percent of Births by Age of Mother and Selected Characteristics 93
Table 4-3.	Number of Births by Race/Ethnicity of Mother and Selected Characteristics 94
Table 4-4.	Percent of Births by Race/Ethnicity of Mother and Selected Characteristics 96
Table 4-5.	Number and Percent of Births by Birthweight and Selected Characteristics 98
Table 4-6.	Number and Percent of Births by Estimated Gestational Age and Birthweight ... 100
Table 4-7.	Number and Percent of Births by Race/Ethnicity of Mother and Birthweight 101
Table 4-8.	Fetal, Neonatal, and Infant Deaths by Selected Characteristics 102
Table 4-9.	Selected Birth Rates, Mortality Rates, and Birth Characteristics 104
Technical Notes	
Sources, Definitions, and Explanations of Terms 107	

Introduction

This report presents information about births that occurred in 2006 to Wisconsin residents. Information from previous years is also presented to show changes over time. Information is included on the number and rate of live births; demographic characteristics of the mother, such as age, race/ethnicity, marital status, education and number of previous births; characteristics of the pregnancy and delivery, including the trimester that prenatal care began, number of visits, and whether the mother smoked during pregnancy; and characteristics of the newborn. Also included is information about infants who died before their first birthday, and fetuses of more than 20 weeks of gestation who were stillborn.

All data in this report refer to Wisconsin residents unless otherwise noted. In most tables, events have been assigned to the place where the person lives (usually legal residence), regardless of the place of the event. For births, the reference is to the residence of the mother. For deaths, the reference is to the residence of the infant.

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 the Wisconsin resident birth certificate file, the matched birth-death file, and the 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 data for 2006 (and comparative information for 1996); line graphs show time trends, and vary in the years shown for comparison.

This year's report includes two additions. Table 1-7 (p. 27) shows the percent of births at low birthweight and very low birthweight for African American and white births, and the black/white disparity ratios; and Table 1-9 (p. 32) shows infant mortality rates by race/ethnicity and mother's age.

This year a change was made to the way birth rates at the youngest and oldest maternal ages are calculated. For teen birth rates (15-19 and 15-17), mothers younger than 15 are excluded from the numerator. For birth rates to women aged 40-44, mothers older than 44 are excluded from the numerator. This change was made to make the rates comparable to national statistics. Table 1-1, Figure 2, Figure 4, and Table 3-2 were affected by this change.

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. State law also requires the Department to protect the confidentiality of birth data, and to ensure that statistical information based on the data (such as that contained in this report) does not identify any individual. The Bureau of Health Information and Policy in the Department of Health and Family Services scrupulously follows written procedures to protect the confidential data entrusted to it.

The National Center for Health Statistics works with representatives of all 50 states to select the specific data items collected on the birth record. Data items are chosen for their usefulness in understanding and improving maternal and child health outcomes.

The Bureau of Health Information and Policy acknowledges and thanks the Wisconsin hospitals and birth attendants who reported birth information, and their counterparts in neighboring states who submitted out-of-state birth data for Wisconsin residents.

Key Findings

- In 2006, there were 72,302 live births to Wisconsin residents, 1,368 more than in 2005.
- The 2006 crude birth rate in Wisconsin was 12.9 births per 1,000 total population, a slight increase from 2005 (12.7). In comparison, the United States crude birth rate for 2004 was 14.0 per 1,000 population. (The crude birth rate is the number of live births per 1,000 total population.)
- The 2006 general fertility rate of 63.4 births per 1,000 Wisconsin females aged 15-44 was lower than the 2004 United States general fertility rate of 66.3 births per 1,000 (see Technical Notes, page 107, for source of U.S. data).
- In 2006, the fertility rate for Wisconsin teens aged 15-19 was 30.6 births per 1,000 females in this age group. This was a slight increase from the 2005 rate (30.1). In 2004, the U.S. teen fertility rate was 41.1.
- Wisconsin age-specific fertility rates are lower than the corresponding national rates for teens, women aged 20-24 and women aged 35 and older. Age-specific fertility rates for women aged 25-29 and 30-34 are higher than corresponding national rates (see page 5 of this report).
- From 1996 to 2006, the percent of births to women in their teens and early thirties decreased, while the percent of births to women in their twenties and aged 35-39 increased. The proportion of births to women aged 40 and older remained the same.
- From 1996 to 2006, the proportion of Wisconsin births to non-Hispanic white women decreased from 82 percent to 75 percent, while the proportion of births to Hispanics/Latinos increased from 5 percent to 10 percent. The proportion of births to women in other race/ethnicity groups remained roughly stable, with black/African American women accounting for 10 percent in both 1996 and 2006, American Indian women approximately 1 percent each year, and women in other groups approximately 3 to 4 percent each year.
- In 2006, 15 percent of Wisconsin women who gave birth had not finished high school, down from 16 percent in 1996. Fifty-six percent of women who gave birth in 2006 had attended college for one year or more, compared to 51 percent in 1996.
- The overall proportion of women who received first-trimester prenatal care was 84 percent in 2006, the same as the percent in 1996. The proportion with first-trimester care increased for mothers aged less than 15, 18-19, 20-24, and 40 and older; and in all race/ethnicity groups except whites.
- The proportion of women giving birth who reported they smoked during pregnancy decreased from 18 percent in 1996 to 15 percent in 2006.
- In 2006, 4,994 Wisconsin infants were low birthweight; that is, they weighed less than 2,500 grams (about 5.5 pounds) at birth. This total represented 6.9 percent of all births, compared to 7.0 percent in 2005. In comparison, 8.1 percent of all infants born in the United States in 2004 weighed less than 2,500 grams.
- Among low birthweight infants, 914 (1.3 percent of all births) were born at *very* low birthweight (less than 1,500 grams or about 3.3 pounds) and were thus at the highest risk for

health problems. The very low birthweight percentage was 1.0 percent of births to whites, 3.0 percent of births to blacks/African Americans, 1.7 percent of births to American Indians, 1.3 percent of births to Hispanics/Latinos and 1.1 percent of births to Laotian/Hmong.

- In 2006, 8,104 Wisconsin infants were born prematurely (with a gestation of less than 37 weeks). This total represented 11.2 percent of all births (compared to 11.3% in 2005). (See Technical Notes, page 108, for full definition of prematurity.)
- In Wisconsin, 462 infants under the age of one year died in 2006. The 2006 infant mortality rate was 6.4 infant deaths per 1,000 live births, compared to 6.6 in 2005 and 7.3 in 1996. The 2004 U.S. infant mortality rate (the latest available) was 6.8 infant deaths per 1,000 live births.
- The black/African American infant mortality rate for 2006 was 17.2 deaths per 1,000 births to black/African American mothers, compared to 15.0 in 2005 and 18.3 in 1996. The 2006 white infant mortality rate was 4.9 deaths per 1,000 births to white women, compared to 5.6 in 2005 and 5.9 in 1996. The Hispanic/Latino infant mortality rate for 2006 was 6.3 deaths per 1,000 births to Hispanic/Latino women, compared to 6.7 in 2005 and 10.2 in 1996.
- Based on three-year rolling average infant mortality rates (Figure 22), American Indian infant mortality has dropped markedly since 1984. The rate was 19.6 per 1,000 live births in 1984-1986 and 8.1 per 1,000 in 2004-2006. The African American infant mortality rate has remained much higher than the rate for other populations in Wisconsin for at least two decades. The three-year average rate was 18.4 per 1,000 live births in 1984-1986, and 17.2 in 2004-2006. The Hispanic/Latino infant mortality rate fluctuated but remained essentially unchanged; it was 6.4 per 1,000 live births in 1984-1986 and 6.0 per 1,000 in 2004-2006. Total infant mortality and white infant mortality declined gradually over the 1984-2006 period.
- The black-white disparity ratio for infant mortality has increased over the past 15 years. The black/African American infant mortality rate was 2.2 times the white rate in 1990-1992, and 3.4 times the white rate in 2004-2006 (Figure 23).

Ten Most Popular First Names for Newborns, Wisconsin 2006		
Females		Males
1. Ava		1. Ethan
2. Emma		2. Jacob
3. Emily		3. Logan
4. Olivia		4. Mason
5. Isabella		5. Noah
6. Abigail		6. Alexander
7. Hannah		7. Benjamin
8. Grace		8. Tyler
9. Elizabeth		9. Owen
10. Ella		10. Michael

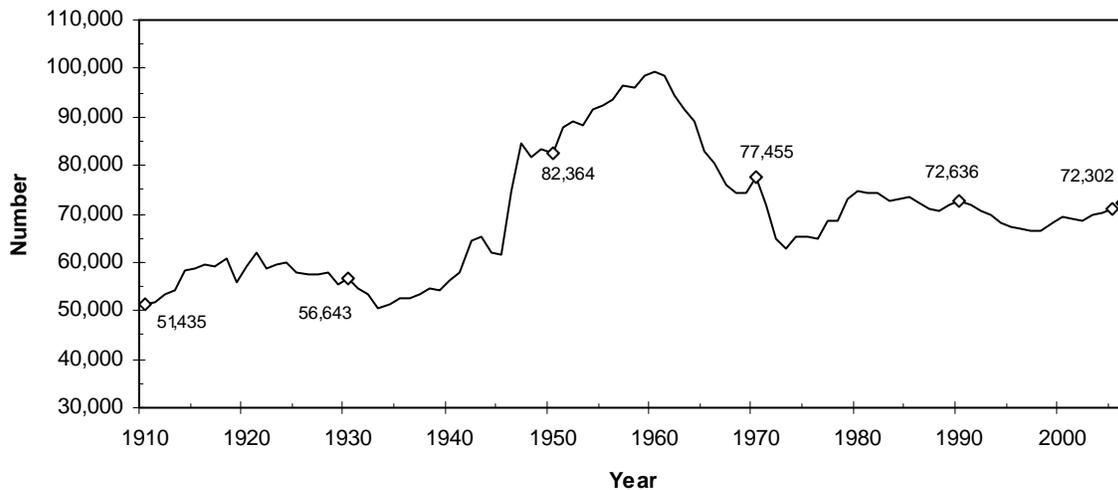
Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: 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, Caitlyn and Kaitlin as one name could change the placements.

Birth and Fertility Rates

- In 2006 there were 72,302 births to Wisconsin residents, 1,368 more than in 2005 (Figure 1).
- The 2006 crude birth rate was 12.9 births per 1,000 population (Table 2-1), slightly higher than the 2005 rate (12.7). In comparison, the United States crude birth rate for 2004 was 14.0 births per 1,000 population. (The crude birth rate is the number of live births per 1,000 total population.)
- The 2006 general fertility rate of 63.4 births per 1,000 Wisconsin females ages 15-44 (Table 2-1) was higher than the 2005 rate (61.2). In comparison, the United States general fertility rate for 2004 was 66.3 births per 1,000.

Figure 1. Number of Births to Wisconsin Residents, 1910-2006



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: A live birth is the complete expulsion or extraction from his or her mother of a human being, at any stage of development, who, after the expulsion or extraction, breathes or has a beating heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, regardless of whether the umbilical cord has been cut, and regardless of whether the expulsion or extraction occurs as a result of a natural or induced labor, a cesarean section, or an abortion. Unless otherwise noted, all births referred to in this report are live births to Wisconsin residents.

- Wisconsin age-specific fertility rates are lower than the corresponding national rates for teens, women aged 20-24 and women aged 35 and older (Table 1-1). Age-specific fertility rates are the number of births to a specific age group per 1,000 females in that age group.
- Fertility rates among Wisconsin women aged 25-29 and 30-34 are higher than the corresponding national rates, based on United States 2004 final statistics (Table 1-1). (See Technical Notes, page 107, for source of U.S. data.)

Table 1-1. Age-Specific Fertility Rates, Wisconsin, 2006 and United States, 2004

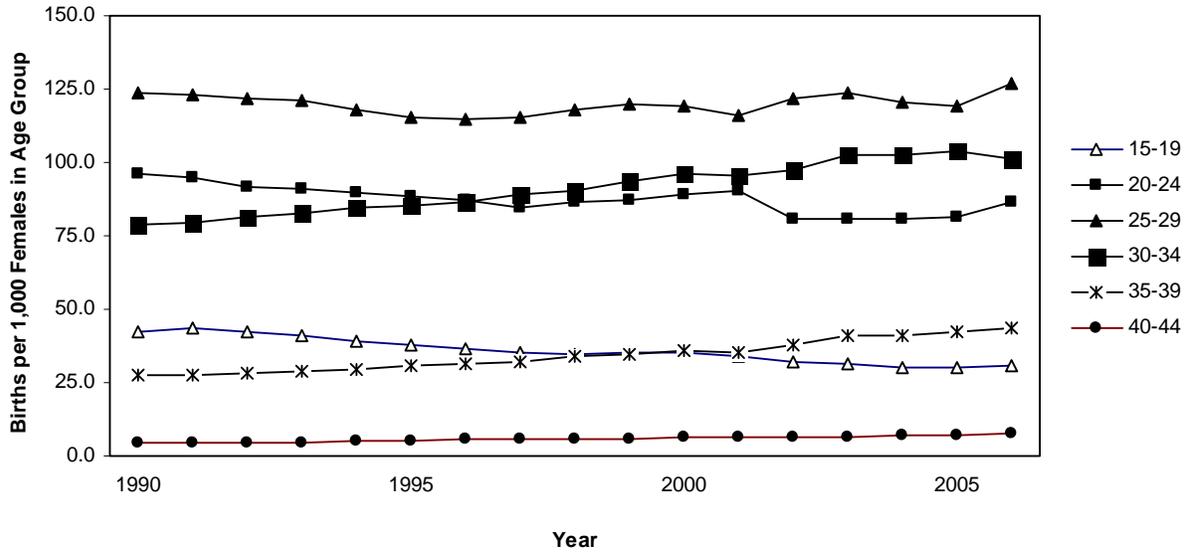
Age	Wisconsin Rate	U.S. Rate
10-14	0.5	0.7
15-19	30.6	41.1
15-17	15.6	22.1
18-19	53.1	70.0
20-24	86.5	101.7
25-29	126.9	115.5
30-34	101.1	95.3
35-39	43.6	45.4
40-44	7.5	8.9
45-49	0.4	0.5

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: Rates are the number of births per 1,000 females in the age group. See Technical Notes (page 107) for an explanation of birth rate calculations.

- Compared with 1990 (Figure 2), age-specific fertility rates in 2006 were:
 - Lower for teens and women aged 20-24.
 - Higher for women aged 25-plus.

Figure 2. Age-Specific Fertility Rates, Wisconsin, 1990-2006

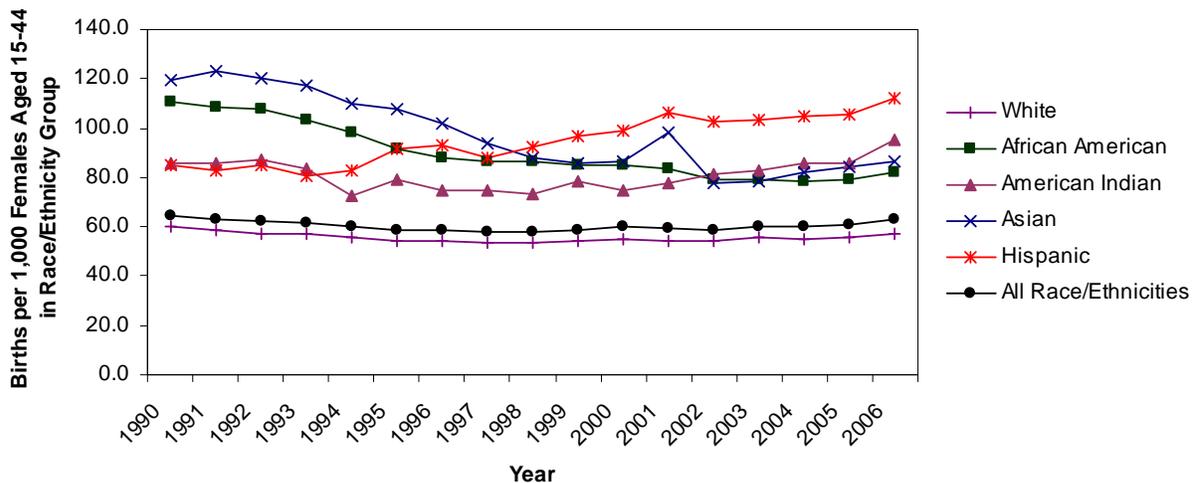


Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: Rates are the number of births per 1,000 females in the age group. See Technical Notes (page 107) for an explanation of birth rate calculations.

- Race/ethnicity-specific birth rates (births per 1,000 females aged 15-44 in a race/ethnicity group) have decreased since 1990 for non-Hispanic whites, African Americans, and Asians.
- The overall birth rate (also called the general fertility rate) also decreased, from 64.5 to 63.4 per 1,000 females aged 15-44.
- The African American and Asian birth rates decreased most dramatically. The African American rate decreased from 110.5 births per 1,000 African American females aged 15-44 in 1990 to 82.0 per 1,000 in 2006, a decline of 26 percent. The Asian birth rate decreased 28 percent, from 119.7 to 86.7 per 1,000 Asian females aged 15-44.
- The white birth rate decreased from 60.2 to 57.4 per 1,000 white females aged 15-44.
- The American Indian birth rate stayed fairly stable during the 1990s, then began gradually increasing. In 2006, the rate was 95.2 per 1,000 American Indian females aged 15-44 (85.7 in 1990).
- In contrast to trends in most other groups, the Hispanic/Latino birth rate has steadily increased since 1990. In 2006, the Hispanic/Latino birth rate was 111.8 per 1,000 Hispanic/Latino females aged 15-44 (85.1 in 1990).

Figure 3. Birth Rates by Race/Ethnicity, 1990-2006



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

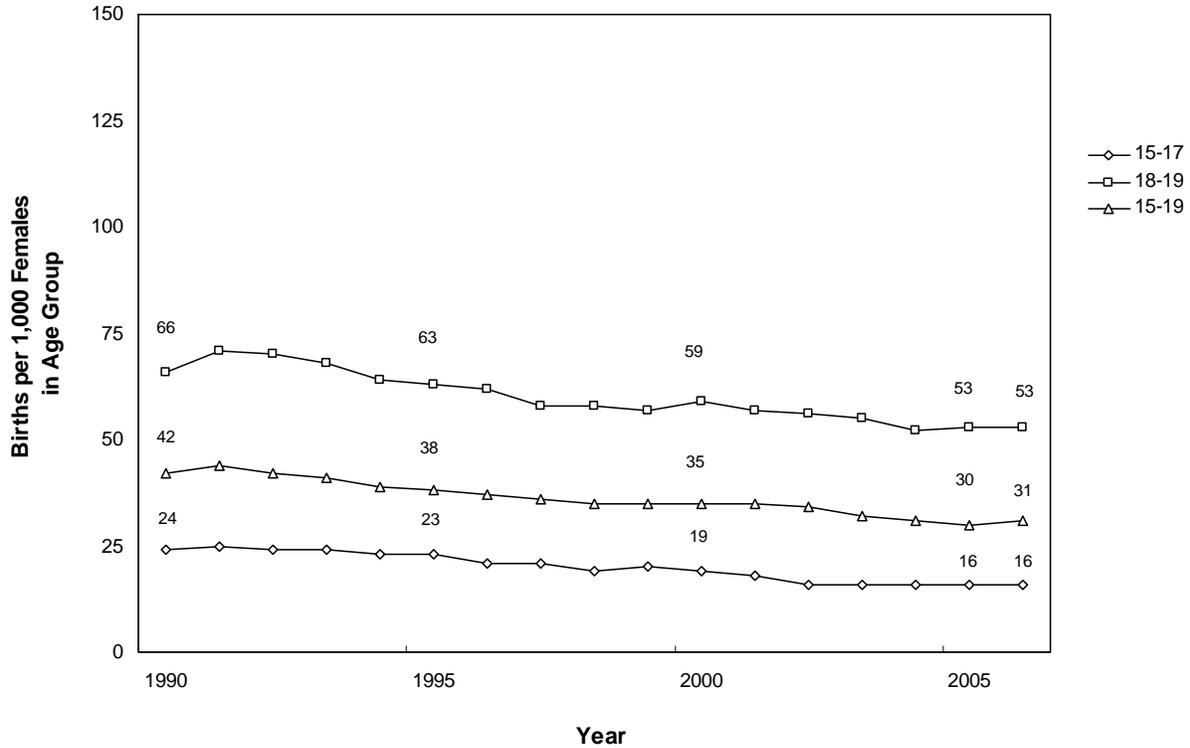
Notes: See Technical Notes (page 107) for definition of race/ethnicity categories. Birth rates for Wisconsin females by race are based on bridged race estimates from the US Census Bureau. Because individuals could report more than one race for the first time during the 2000 Census, rates for earlier years are not directly comparable to those for 2000 and later.

Population estimates, especially in relatively small and fast-growing populations, become less reliable with every year that passes after the Census on which they are based. This can affect the reliability of rates for some populations. Rates by race/ethnicity in the latter half of the decade should thus be viewed with caution.

These rates may not match previously published rates due to updates in the population estimates by race/ethnicity.

- In 2006, the fertility rate for Wisconsin teens aged 15-19 was 30.6 births per 1,000 females in this age group (Figure 2). The rate in 2005 was 30.1. This is the first increase in the teen fertility rate since 1999. Over the last decade, there has been a general decline in the teen fertility rate.
- For many years the Wisconsin teen fertility rate has been lower than the comparable national rate. In 2004, the U.S. teen fertility rate was 41.1.

Figure 4. Teen Birth Rates, Wisconsin, 1990-2006



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: Fertility rates are the number of births per 1,000 females in the age group. See Technical Notes (page 107) for an explanation of birth rate calculations.

Characteristics of the Mother

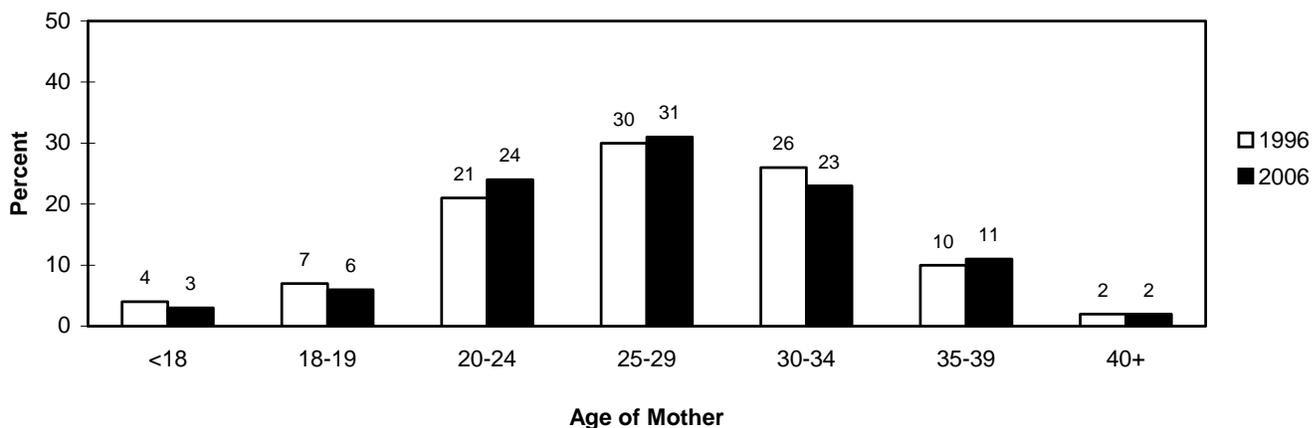
Age of Mother

Births in 2006 included:

- 92 births to teens less than 15 years old
- 1,840 births to teens 15-17 years old
- 4,168 births to teens 18-19 years old
- 17,163 births to women aged 20-24
- 22,235 births to women aged 25-29
- 16,886 births to women aged 30-34
- 8,200 births to women aged 35-39
- 1,611 births to women aged 40-44
- 91 births to women aged 45 or older
- 16 births with unreported maternal age.

- From 1996 to 2006, the percent of births to women in their teens and early thirties decreased, while the percent of births to women in their twenties and late thirties increased. The proportion of births to women aged 40-plus remained the same (Figure 5).

Figure 5. Percent of Births by Age of Mother, Wisconsin, 1996 and 2006



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: For detailed information on 2006 births by age of mother, see Tables 4-1 and 4-2, pages 92 and 93.

Births to Teens

- The majority of births to teens (under 20 years of age) were to older teens, aged 18-19. This was also true in 1996 (Table 1-2).

Table 1-2. Teen Births by Age, Wisconsin, 1996 and 2006

Maternal Age (Teens)	1996		2006	
	Number	Percent	Number	Percent
<15	143	2%	92	2%
15-17	2,509	35	1,840	30
18-19	4,454	63	4,168	68
Total <20	7,106	100%	6,100	100%

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: Percents may not add to 100 due to rounding.

- Non-Hispanic whites make up the largest number of teen births in the state (3,139 in 2006) (Table 1-3).
- Teen births represented 8.4 percent of all births, and a higher proportion of births to blacks/African Americans, American Indians, Hispanics/Latinos, and Laotian/Hmong (Table 1-3).

Table 1-3. Teen Births by Race/Ethnicity, Wisconsin, 2006

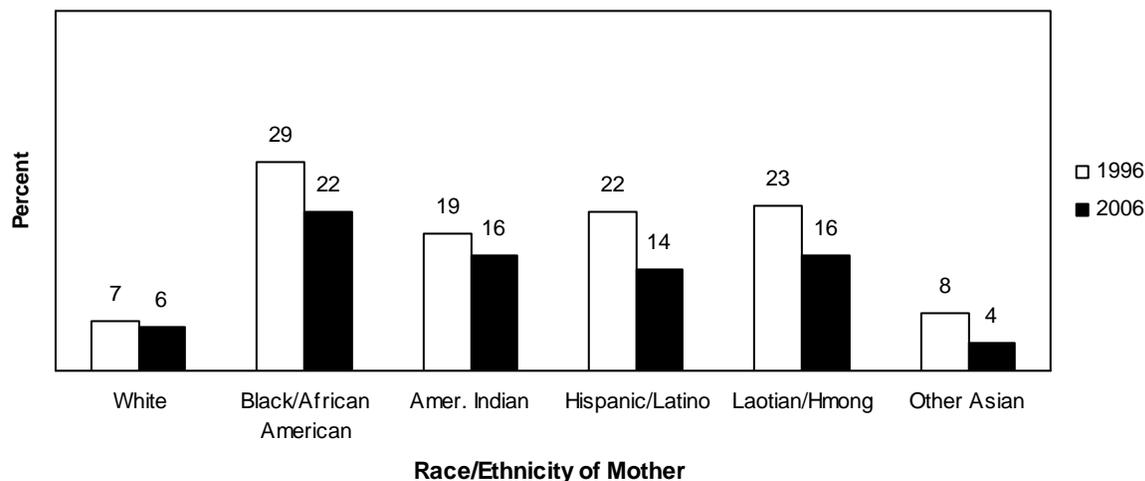
Race/Ethnicity	Number of Births		Percent of Births		
	Total	Teens (<20)	Teens (<20)	Ages 20+	Total
Total	72,302	6,100	8.4%	91.6%	100.0%
White	54,525	3,139	5.8	94.2	100.0
Black/African American	7,020	1,540	21.9	78.1	100.0
American Indian	1,146	181	15.8	84.2	100.0
Hispanic/Latino	6,861	967	14.1	85.9	100.0
Laotian/Hmong	1,239	204	16.5	83.5	100.0
Other Asian	1,484	66	4.4	95.6	100.0

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: Included in the total are 27 births for which race/ethnicity of mother was not reported; 3 of these were to mothers under 20 years of age. See Technical Notes (page 107) for definition of race/ethnicity categories.

- In 2006 compared to 1996, teen births represented a smaller proportion of births in all race/ethnicity groups. The largest decline in the teen birth percentage occurred among Hispanics/Latinos: teen births made up 14 percent of Hispanic/Latino births in 2006, compared to 22 percent in 1996 (Figure 6).

Figure 6. Teen Births as a Percent of Total Births in Each Race/Ethnicity Group, Wisconsin, 1996 and 2006



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: See Technical Notes (page 107) for definition of race/ethnicity categories.

- In 2006, 10 percent of teen births occurred less than 24 months since a previous birth. Seven percent of teen births occurred 24 or more months since a previous birth, and 81 percent were first births (Table 1-4).

Table 1-4. Teen Births by Interval in Months Since Last Live Birth, Wisconsin, 2006

Birth Interval	All Ages	All Teens (<20)			All Ages	All Teens (<20)		
		<18	18-19			<18	18-19	
Total	72,302	6,100	1,932	4,168	100.0%	100.0%	100.0%	100.0%
First Birth	28,363	4,958	1,732	3,226	39.2	81.3	89.6	77.4
1-11 Months	684	81	16	65	0.9	1.3	0.8	1.6
12-17 Months	3,917	307	71	236	5.4	5.0	3.7	5.7
18-23 Months	6,167	224	43	181	8.5	3.7	2.2	4.3
24-Plus Months	30,204	427	39	388	41.8	7.0	2.0	9.3
Unknown	1,819	44	10	34	2.5	0.7	0.5	0.8
Plural Delivery	1,148	59	21	38	1.6	1.0	1.1	0.9

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: Included in the total for all ages are 16 births for which age of mother was not reported. The “plural delivery” row includes those births in each multiple birth that are second or later birth position. For example, in a twin delivery, the first-born twin is included in the birth interval distribution (months since last live birth) and the second-born twin is included in the “plural delivery” row.

Race/Ethnicity of Mother

- In 2006, 54,525 births (75.4%) were to non-Hispanic white women (Table 1-5). This percentage has gradually declined in recent decades (it was 81.8% in 1996).
- 7,020 births (9.7%) were to non-Hispanic black/African American women (Table 1-5). The percent of births to black/African American women has been fairly stable since 1996.
- 1,146 births (1.6%) were to American Indian women (Table 1-5). This proportion has been stable for the past decade.
- 6,861 births (9.5%) were to Hispanic/Latino women (Table 1-5). This is double the proportion of Hispanic/Latino births in 1996 (4.7%).
- 1,239 births (1.7%) were to Laotian/Hmong women, similar to the 1996 percentage (1.5%).
- An additional 1,484 births (2.1%) were to women in other Asian groups (such as Chinese, Japanese, and Korean.)

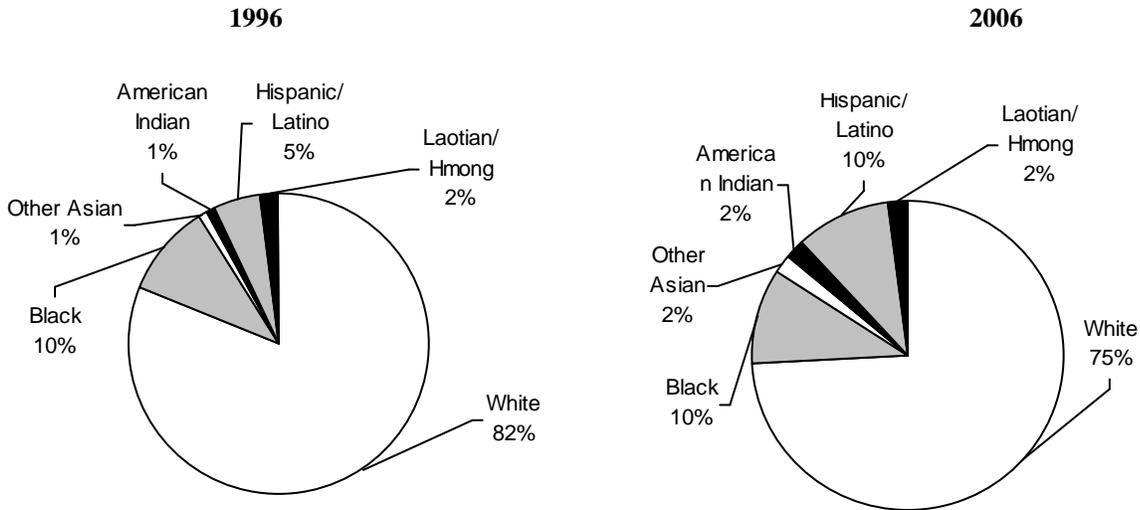
Table 1-5. Number and Percent of Births by Race/Ethnicity, Wisconsin, 1996 and 2006

	1996		2006	
	Number	Percent	Number	Percent
Total	67,150	100.0%	72,302	100.0%
White	54,915	81.8	54,525	75.4
Black/African American	6,380	9.5	7,020	9.7
American Indian	812	1.2	1,146	1.6
Hispanic/Latino	3,138	4.7	6,861	9.5
Laotian/Hmong	1,031	1.5	1,239	1.7
Other Asian	855	1.3	1,484	2.1
Unknown	19	0.0	27	0.0

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: The “other Asian” category includes all Asian groups other than Laotian/Hmong; in 2006 it also includes 10 births to Hawaiians.

Figure 6. Percent of Births by Race/Ethnicity of Mother, Wisconsin, 1996 and 2006



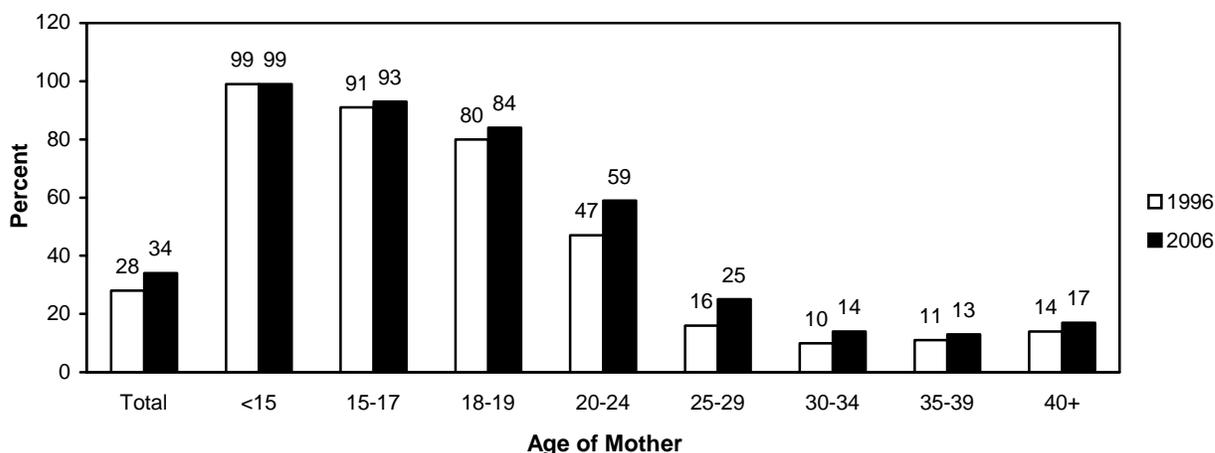
Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: See Technical Notes (page 107) for definition of race/ethnicity categories. For detailed information on 2006 births by race/ethnicity of mother, see Tables 4-3 and 4-4, pages 94-97. Percents may not add to 100 due to rounding.

Marital Status of Mother

- In 2006, 34 percent of births were to unmarried women, compared with 28 percent in 1996 (Figure 8).
- In general, the percent of births to mothers who are unmarried decreases with age. Eighty-four percent of those aged 18-19 giving birth in 2006 were unmarried, compared with only 14 percent of those aged 30-34 (Figure 8).
- Between 1996 and 2006, the unmarried percentage increased in every maternal age group except mothers under 15 years old (Figure 8). The largest increase occurred among mothers aged 20-24 (from 47% to 59%—12 percentage points).

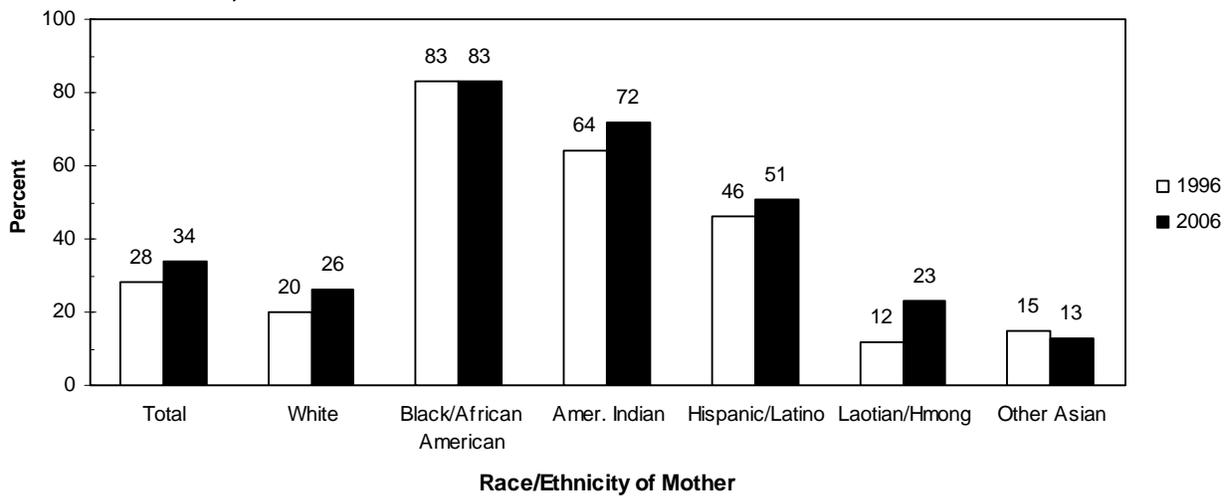
Figure 8. Percent of Births to Unmarried Mothers, by Age, Wisconsin, 1996 and 2006



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

- From 1996 to 2006, the percent of non-marital births increased among whites, American Indians, Hispanics/Latinos and Laotian/Hmong, and decreased slightly in the “other Asian” group. The percent of non-marital births among blacks/African Americans stayed the same over the decade (Figure 9).
- The Wisconsin percent of births to unmarried mothers in 2006 (34%) was lower than the national percent in 2004 (36%). However, the percent of births to unmarried mothers was higher in Wisconsin than nationally among whites (26% vs. 25%), blacks/African Americans (83% vs. 69%) and Hispanics/Latinos (51% vs. 46%).

Figure 9. Percent of Births to Unmarried Mothers, by Race/Ethnicity, Wisconsin, 1996 and 2006



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: See Technical Notes (page 107) for definition of race/ethnicity categories.

Education of Mother

- In 2006, 15 percent of women who gave birth had not finished high school, compared to 16 percent in 1996 (Figure 10). By age, the percentages with less than a high school education in 2006 were:

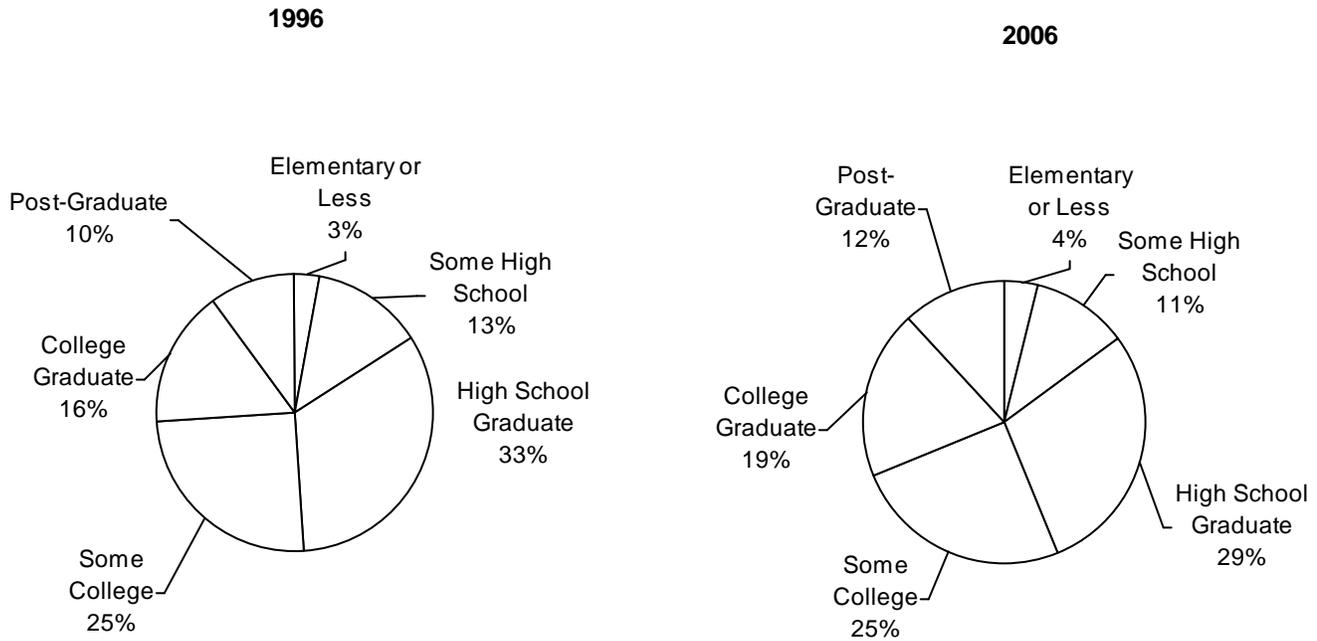
- 91% among mothers less than 18
- 35% among mothers 18-19
- 21% among mothers 20-24
- 10% among mothers 25-29
- 7% among mothers 30-34
- 7% among mothers 35-39
- 11% among mothers 40 or older

- On average, mothers in minority race/ethnicity groups were less likely to have completed high school. In 2006, the proportions of births to women with less than a high school education were:

- 8% among whites
- 33% among blacks/African Americans
- 28% among American Indians
- 50% among Hispanics/Latinos
- 32% among Laotian/Hmong
- 8% among other Asian groups

- Fifty-six percent of women who gave birth in 2006 had attended college for one year or more (Figure 10). The comparable percentage in 1996 was 51 percent.

Figure 10. Percent of Births by Education of Mother, Wisconsin, 1996 and 2006



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

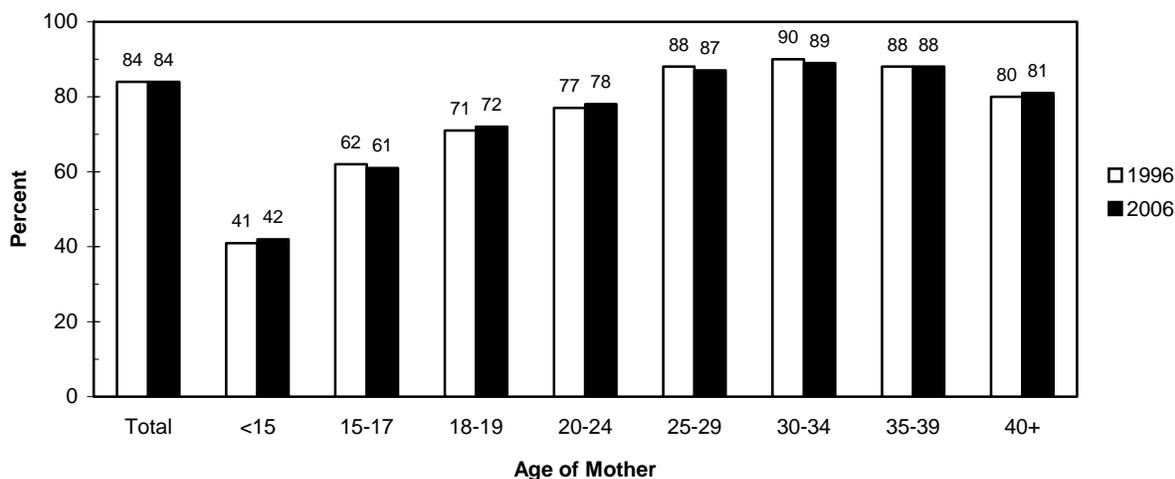
Notes: “Some High School” or “Some College” means the mother completed at least one year of schooling at that level. For detailed information on 2006 births by education of mother, see Tables 4-1 through 4-5, pages 92-99. Percents may not add to 100 due to rounding.

Characteristics of the Pregnancy and Delivery

Prenatal Care

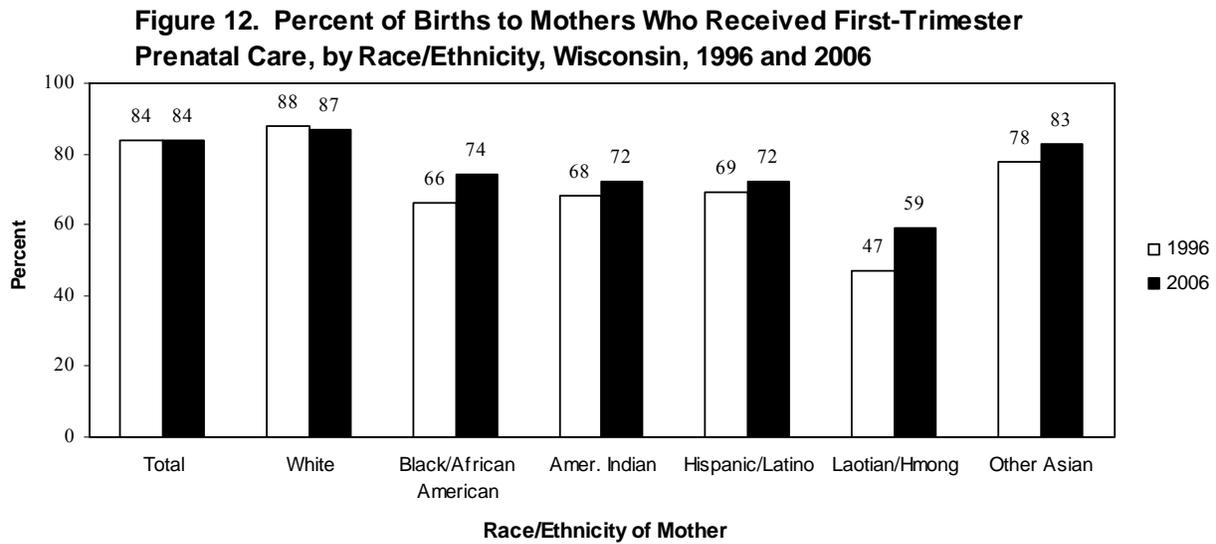
- The overall proportion of women who received first-trimester prenatal care was 84 percent in 2006, the same as in 1996 (Figure 11).
- In 2,219 births in 2006, the mother either did not begin prenatal care until the third trimester of pregnancy (1,631 births) or received no care at all (588 births) (Table 2-22). These births with “late or no prenatal care” constituted 3.1 percent of all births (down from 3.3 percent in 1996).
- Patterns of prenatal care initiation by age were similar in 1996 and 2006 (Figure 11).
- The percent of Wisconsin women who received first-trimester prenatal care in 2006 (84%) was the same as the 2004 national figure (84%).

Figure 11. Percent of Births to Mothers Who Received First-Trimester Prenatal Care, by Age, Wisconsin, 1996 and 2006



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

- From 1996 to 2006, the proportion of women receiving first-trimester care increased within each race/ethnicity group except whites. The increase was especially striking among African American and Laotian/Hmong women (Figure 12).



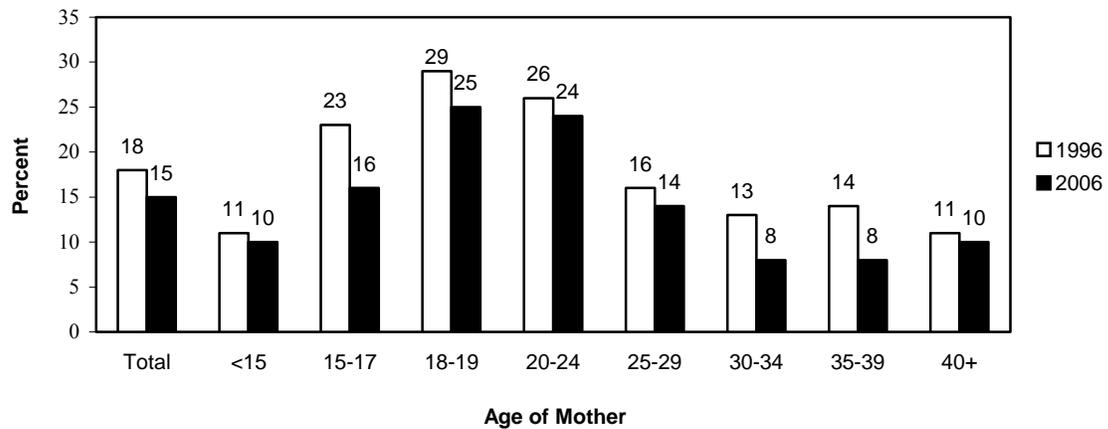
Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: See Technical Notes (page 107) for definition of race/ethnicity categories.

Cigarette Smoking

- 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 they smoked during pregnancy decreased from 18 percent of births in 1996 to 15 percent of births in 2006 (Figure 13).
- From 1996 to 2006, smoking during pregnancy declined in each maternal age group (Figure 13).

Figure 13. Percent of Births to Mothers Who Reported Smoking Cigarettes During Pregnancy, by Age, Wisconsin, 1996 and 2006

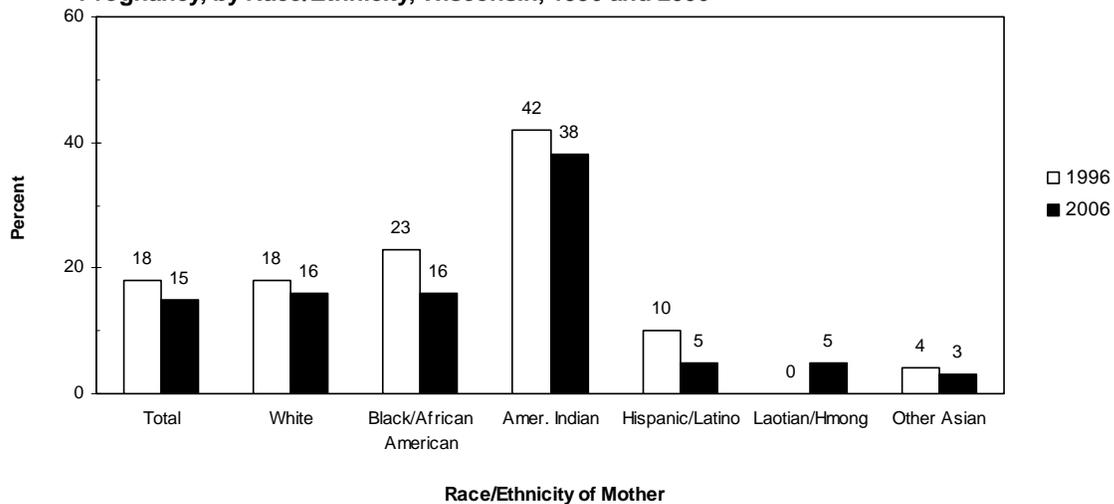


Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: For detailed information on 2006 births by smoking behavior during pregnancy, see Tables 4-1 through 4-5, pages 92-99.

- From 1996 to 2006, the percentage of mothers who reported smoking during pregnancy declined in most race/ethnicity groups (Figure 14). The only exception was found among Laotian/Hmong women.
- No data are presented on mother’s self-reported use of alcohol during pregnancy because this item appears to be under-reported on the birth reporting form. This conclusion is based on the inconsistency between birth certificate data (1.0% of new mothers reported drinking during pregnancy in 2006) and the 2006 Behavioral Risk Factor Survey (66% of Wisconsin women aged 18-44 reported drinking within the past month).

Figure 14. Percent of Births to Mothers Who Reported Smoking Cigarettes During Pregnancy, by Race/Ethnicity, Wisconsin, 1996 and 2006



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: See Technical Notes (page 107) for definition of race/ethnicity categories. For detailed information on 2006 births by smoking behavior during pregnancy, see Tables 4-1 through 4-5, pages 92-99.

Medical Risk Factors

The most frequently reported maternal medical risk factors reported for 2006 births were sexually transmitted diseases (reported in 6.3 percent of births), hypertension (6.0 percent), lung disease (4.8 percent), diabetes (4.6 percent), a previous preterm or small-for-gestational age infant (3.7 percent), and anemia (3.1 percent) (Table 1-6).

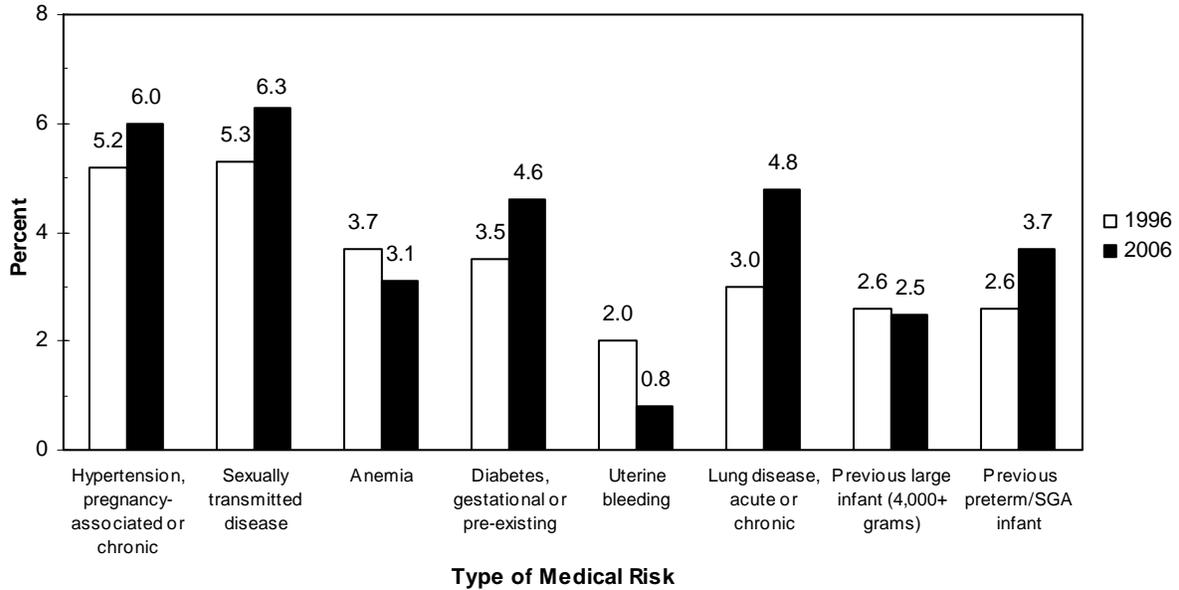
Table 1-6. Births with Reported Medical Risk Factors, Wisconsin, 2006

	Number	Percent
Sexually Transmitted Diseases	4,582	6.3%
Hypertension	4,364	6.0
Pregnancy-Associated	3,527	4.9
Chronic	837	1.2
Diabetes	3,297	4.6
Gestational	2,783	3.8
Pre-Existing	514	0.7
Anemia	2,221	3.1
Lung Disease, Acute or Chronic	3,462	4.8
Previous Preterm/Small for Gestational Age Infant	2,668	3.7
Previous Large Infant (4,000+ grams)	1,772	2.5
Uterine Bleeding	598	0.8
Cardiac Disease	574	0.8
Hydramnios/Oligohydramnios	787	1.1
Renal Disease	478	0.7
Rh Sensitization	568	0.8
Eclampsia	180	0.2
Incompetent Cervix	266	0.4
Hemoglobinopathy	226	0.3
Any Reported	33,865	46.8

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: See Technical Notes (page 109) 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.

Figure 15. Percent of Births with Selected Maternal Medical Risk Factors, Wisconsin, 1996 and 2006



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

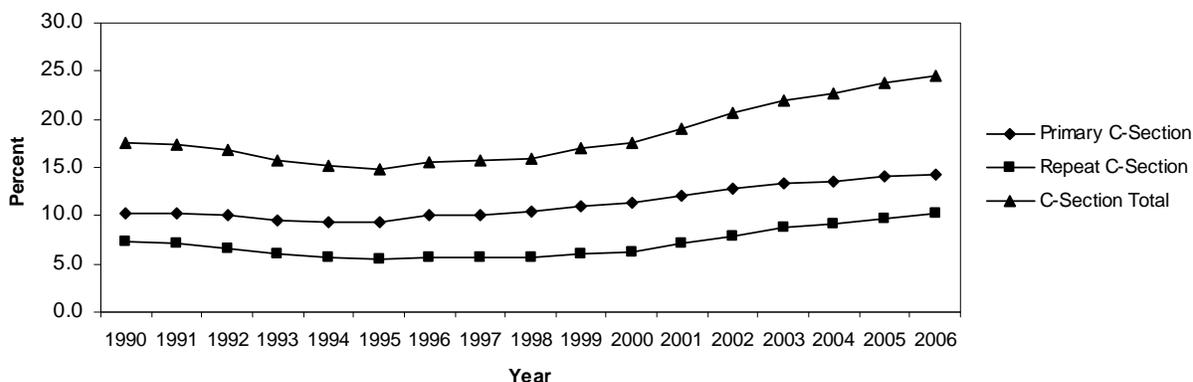
Methods of Delivery

In 2006, the following methods of delivery were reported:

Vaginal (no previous C-section)	52,713	72.9%
Primary C-Section	10,342	14.3
Repeat C-Section	7,418	10.3
Vaginal After Previous C-Section (VBAC)	1,017	1.4
Forceps	812	1.1
Other	0	0.0
Total Births	72,302	100.0%

- The overall percent of cesarean sections increased from 17.6 percent of births in 1990 to 24.6 percent in 2006. The cesarean section percentage was at its lowest point in 1995 (14.8%) and has increased every year since then.
- Primary cesarean sections increased from 10.2 percent of births in 1990 to 14.3 percent in 2006.
- Repeat cesarean sections increased from 7.3 percent of births in 1990 to 10.3 percent in 2006.

Figure 16. Cesarean Sections as a Percent of All Births, 1990-2006



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

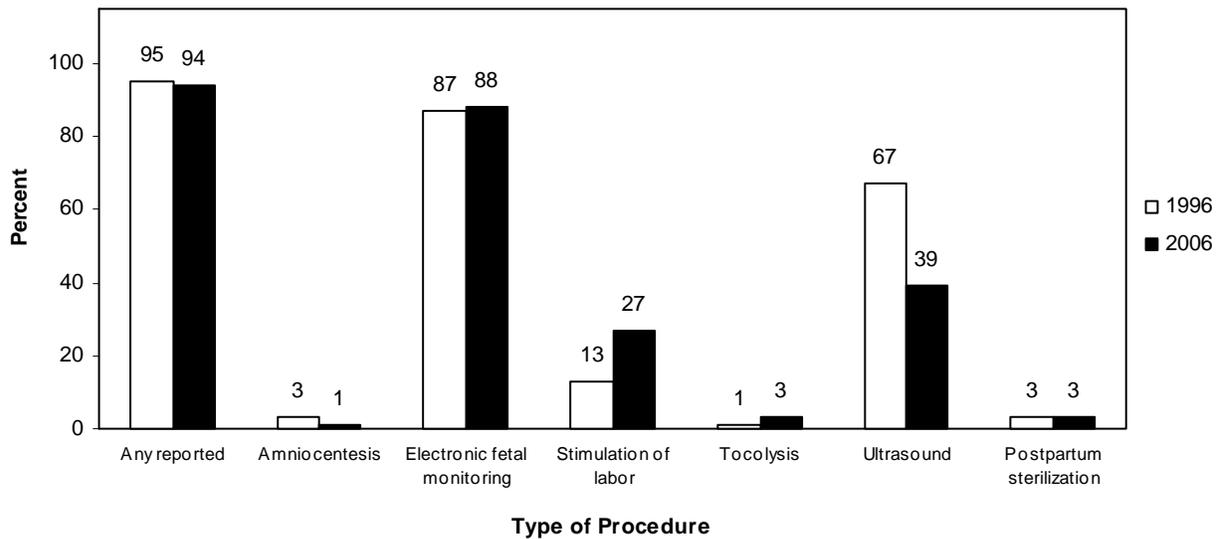
Obstetric Procedures

In 2006, births with reported obstetric procedures included:

Electronic fetal monitoring	63,717	88.1%
Ultrasound	28,123	38.9
Induction of labor	17,819	24.6
Stimulation of labor	19,717	27.3
Amniocentesis	649	0.9
Postpartum sterilization	2,279	3.2
Tocolysis	1,953	2.7
Other procedures	13	0.0
Births With Reported Procedure(s)	68,314	94.5

Notes: See Technical Notes (page 110) for definitions of obstetric procedures. Each birth could have more than one type of procedure reported.

Figure 17. Percent of Births with Obstetric Procedures Reported, Wisconsin, 1996 and 2006



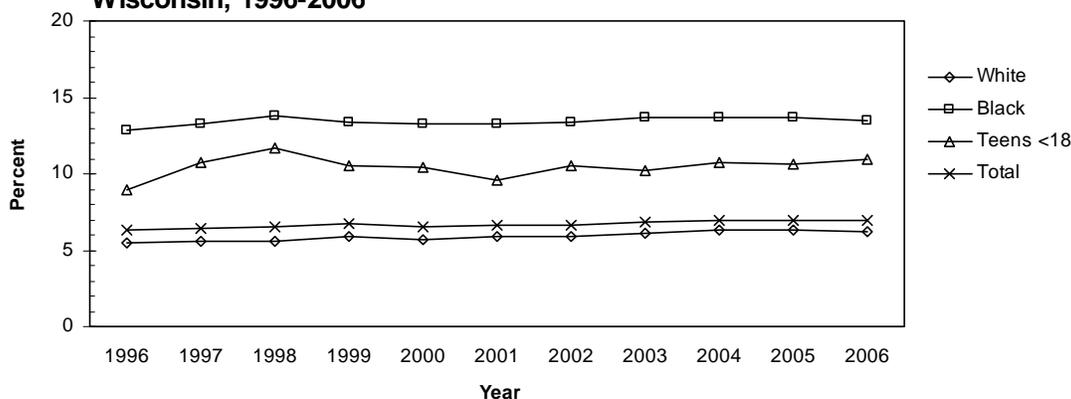
Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Characteristics of the Newborn

Low Birthweight

- In 2006, 4,994 Wisconsin infants were low birthweight; that is, they weighed less than 2,500 grams (about 5.5 pounds) at birth (Table 2-26). This total represented 6.9 percent of all births (compared to 7.0 percent in 2005). In comparison, 8.1 percent of all infants born in the United States in 2004 weighed less than 2,500 grams.
- Among these low birthweight infants, 914 were born at *very* low birthweight (less than 1,500 grams or about 3.3 pounds) and were thus at the highest risk for health problems (Table 2-26). The very low birthweight percentage was 1.3 percent among all births, and 1.0 percent of births to whites, 1.3 percent of births to Hispanics/Latinos, 3.0 percent of births to blacks/African Americans, 1.7 percent of births to American Indians, and 1.1 percent of births to Laotian/Hmong (Table 4-5).
- Compared with the overall incidence of low birthweight in 2006 (6.9 percent), higher percentages of low-birthweight infants were born to (Table 4-5):
 - Mothers who received no prenatal care (21.3 percent),
 - Mothers less than 15 years old (7.6 percent),
 - Non-Hispanic black/African American women (13.5 percent),
 - Women who smoked during pregnancy (10.8 percent),
 - Women who were unmarried (9.2 percent),
 - Women with less than a high school education (8.8 percent).
- From 1996 to 2006, the low birthweight percentage among infants born to mothers less than 18 years of age fluctuated from a low of 9.0 percent in 1996 to a high of 11.7 percent in 1998. In 2006, this percentage was 11.0 (compared with 6.8 percent among mothers age 18 and older).
- Forty-two percent of premature infants were of low birthweight (Table 4-5).
- Twins or other multiple births made up 24.8 percent of all low-birthweight births in 2006.

Figure 18. Percent of Births at Low Birthweight (< 2,500 grams), Wisconsin, 1996-2006



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

- Three-year rolling average low birthweight percentages provide stable points of comparison to examine the low birthweight disparity in African American births over time. In the three-year period 2004-2006, 11.4 percent of black/African American infants and 5.6 percent of white infants weighed less than 2,500 grams or about 5.5 pounds at birth. The disparity ratio was 2.0, meaning that African American infants were born at low birthweight twice as frequently as white infants during the 2004-2006 period.
- The disparity between African American and white low birthweight rates has lessened since 1990-1992 (from 2.6 to 2.0), not because the African American low birthweight rate has improved but because the white low birthweight rate has increased.
- The disparity between African American and white infants is even greater for very low birthweight (less than 1,500 grams or about 3.3 pounds at birth). Infants born at these weights are at the highest risk of dying or experiencing other poor health outcomes. In 2004-2006, African American infants were more than three times as likely to be born at very low birthweight as were white infants. The magnitude of disparity in very low birthweight has changed little since 1990-1992.

Table 1-7. Percent of Births at Low Birthweight and Very Low Birthweight and Black/White Disparity Ratios, Three-Year Rolling Averages, Wisconsin 1990-2006

Years	Percent Low Birthweight			Percent Very Low Birthweight		
	Black/African American	White	Disparity Ratio	Black/African American	White	Disparity Ratio
1990-1992	10.9%	4.2%	2.6	3.1%	0.9%	3.4
1991-1993	10.9	4.2	2.6	3.0	0.9	3.3
1992-1994	11.0	4.3	2.6	2.9	0.9	3.2
1993-1995	11.1	4.3	2.6	3.0	0.9	3.3
1994-1996	10.7	4.4	2.4	3.0	1.0	3.0
1995-1997	10.2	4.4	2.3	3.1	1.0	3.1
1996-1998	10.3	4.6	2.2	3.0	1.0	3.0
1997-1999	10.6	4.7	2.3	2.9	1.0	2.9
1998-2000	10.5	4.7	2.2	3.0	1.0	3.0
1999-2001	10.1	4.8	2.1	3.2	1.1	2.9
2000-2002	10.0	4.8	2.1	3.4	1.0	3.4
2001-2003	10.0	4.9	2.0	3.4	1.0	3.4
2002-2004	10.3	5.0	2.1	3.3	1.0	3.3
2003-2005	10.3	5.2	2.0	3.4	1.0	3.4
2004-2006	11.4%	5.6%	2.0	3.3%	1.0%	3.3

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Percent low birthweight is the percent of births to mothers in each race/ethnicity group that were low birthweight (less than 2,500 grams).

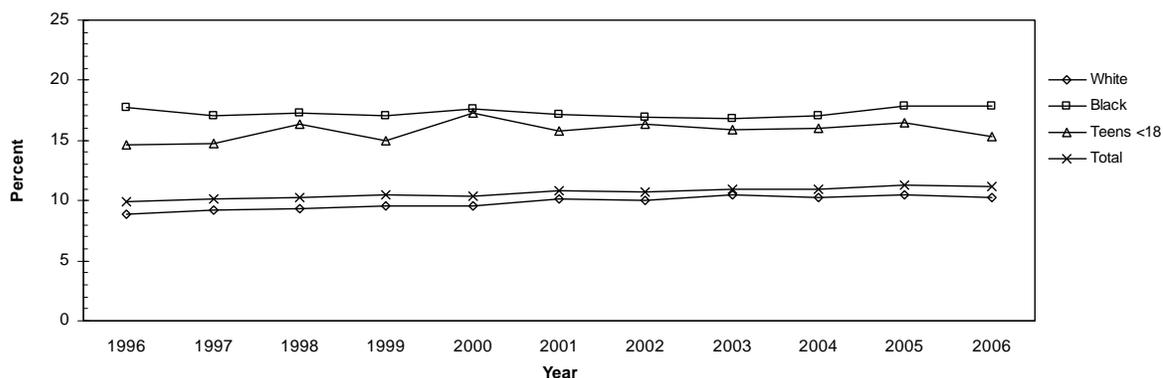
Percent very low birthweight is the percent of births to mothers in each race/ethnicity group that were very low birthweight (less than 1,500 grams).

The disparity ratio is the percentage of low birthweight (or very low birthweight) among black/African American infants divided by the corresponding percentage among white infants.

Prematurity

- In 2006, 8,104 Wisconsin infants were born prematurely (with a gestation of less than 37 weeks) (Table 4-1). This total represented 11.2 percent of all births (a decrease from 11.3% in 2005). (See Technical Notes, page 108, for full definition of prematurity.)
- Compared with the overall proportion of premature infants in 2006 (11.2 percent), higher percentages of premature infants were born to:
 - Non-Hispanic black/African American women (17.8 percent),
 - Teenagers less than 18 years old (15.3 percent),
 - Women who were unmarried (13.6 percent),
 - Women who smoked during pregnancy (13.0 percent),
 - Women with less than a high school education (13.5 percent),
- Sixty-eight percent of low birthweight infants (birthweight under 2,500 grams) were premature.
- Twins or other multiple births made up 15.8 percent of all premature births in 2006. From 1996 to 2006, multiple births increased from 2.8 percent to 3.1 percent of all births.
- Prematurity increased from 9.9 percent of all births in 1996 to 11.2 percent of all births in 2006 (Figure 19).
- Prematurity among infants born to mothers less than 18 years of age was 15.3 percent in 2006, higher than the 1996 percent (14.6) (Figure 19). The prematurity rate among infants born to mothers 18 and older was 11.1 percent in 2006.

Figure 19. Percent of Premature Births, Wisconsin, 1996-2006

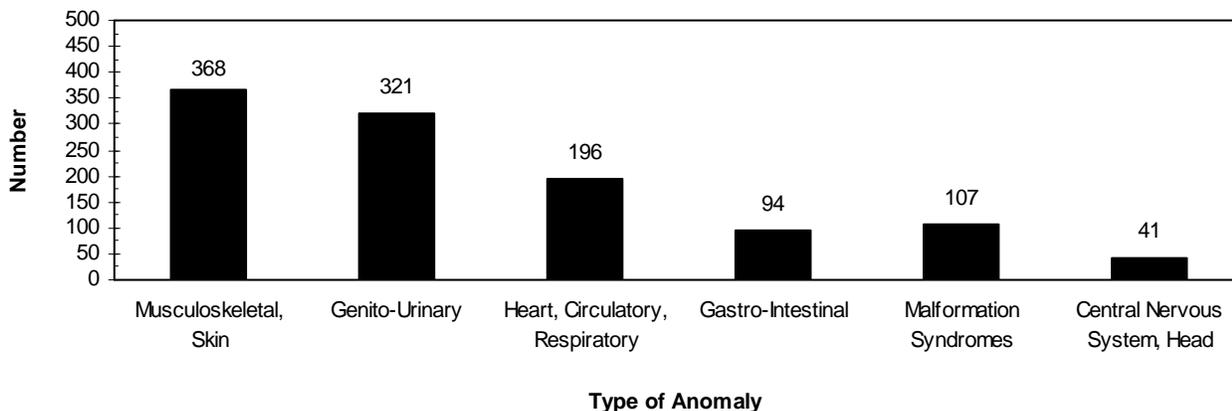


Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: ‘Premature’ means less than 37 weeks of gestation. Since 1980, gestational age has been calculated as the difference between the date of last normal menses and the date of delivery. Since 1993, clinical estimate of gestation has been substituted where date of last normal menses is unknown. Since 2004, if the date of last normal menses was unknown or invalid or the computed estimate of gestational age was less than 16 weeks or greater than 45 weeks, then the clinical estimate of gestation was used.

Congenital Anomalies

Figure 20. Number of Reported Congenital Anomalies, Wisconsin 2006



Source: Wisconsin resident birth certificates, Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Table 1-8. Reported Congenital Anomalies, Wisconsin 2006

Total Births With Reported Anomalies	1,142	Genito-Urinary	321
		Malformed Genitalia	175
Central Nervous System, Head	41	Renal Agenesis	26
Anencephalus	6	Other Urogenital	131
Spina Bifida/Meningocele	15	Musculoskeletal/Skin	368
Hydrocephalus	3	Cleft Lip, Palate	94
Microcephalus	3	Polydactyly, Syndactyly, Adactyly	96
Other Central Nervous System	18	Club Foot	56
Heart, Circulatory, Respiratory	196	Diaphragmatic Hernia	9
Heart Malformations	124	Other Musculoskeletal/ Integumental	132
Other Circulatory/Respiratory	78	Malformation Syndromes	107
Gastro-Intestinal	94	Down Syndrome	72
Rectal Atresia, Stenosis	14	Other Chromosomal	38
Tracheo-Esophageal Fistula	15	All Other	129
Omphalocele, Gastroschisis	34		
Other Gastrointestinal	33		

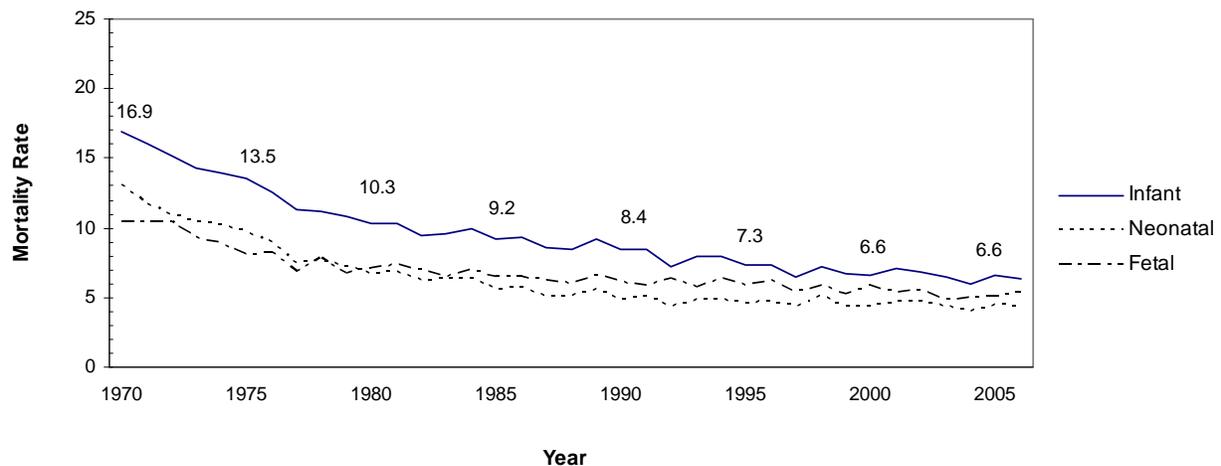
Source: Wisconsin resident birth certificates, Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: 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, the columns do not add to total. This table is not comparable with congenital anomalies data published prior to 1989; see Technical Notes for explanation.

Mortality

- In Wisconsin, 462 infants under the age of one year died in 2006 (Table 2-28). The 2006 infant mortality rate was 6.4 infant deaths per 1,000 live births, compared to 6.6 in 2005 and 7.3 in 1996 (Figure 21). The 2004 U.S. infant mortality rate (the latest available data) was 6.8 infant deaths per 1,000 live births.
- There were 311 neonatal deaths (deaths of infants less than 28 days of age) in 2006, accounting for 67 percent of total infant deaths that year. The neonatal mortality rate in 2006 was 4.3 neonatal deaths per 1,000 live births, compared with 4.5 in 2005 and 4.7 in 1996 (Figure 21). In the U.S. in 2004 (the latest available data), the neonatal mortality rate was 4.5 per 1,000 live births.
- The fetal death rate (fetal deaths per 1,000 live births and fetal deaths) was 5.3 in 2006 (Figure 21). In comparison, the fetal death rate for 1996 was 6.2 per 1,000. (For the definition of “fetal death,” see Technical Notes, page 108.)
- Infants born to teenagers are at a higher risk of death than infants born to older mothers. In 2006, the infant mortality rate was 8.7 per 1,000 births among infants born to mothers aged less than 20, compared with 6.2 per 1,000 among infants born to women aged 20 and older.
- There were 15 maternal deaths in 2006; these are deaths attributed to pregnancy-related health conditions or events of delivery.

Figure 21. Infant, Neonatal, and Fetal Mortality Rates, 1970-2006

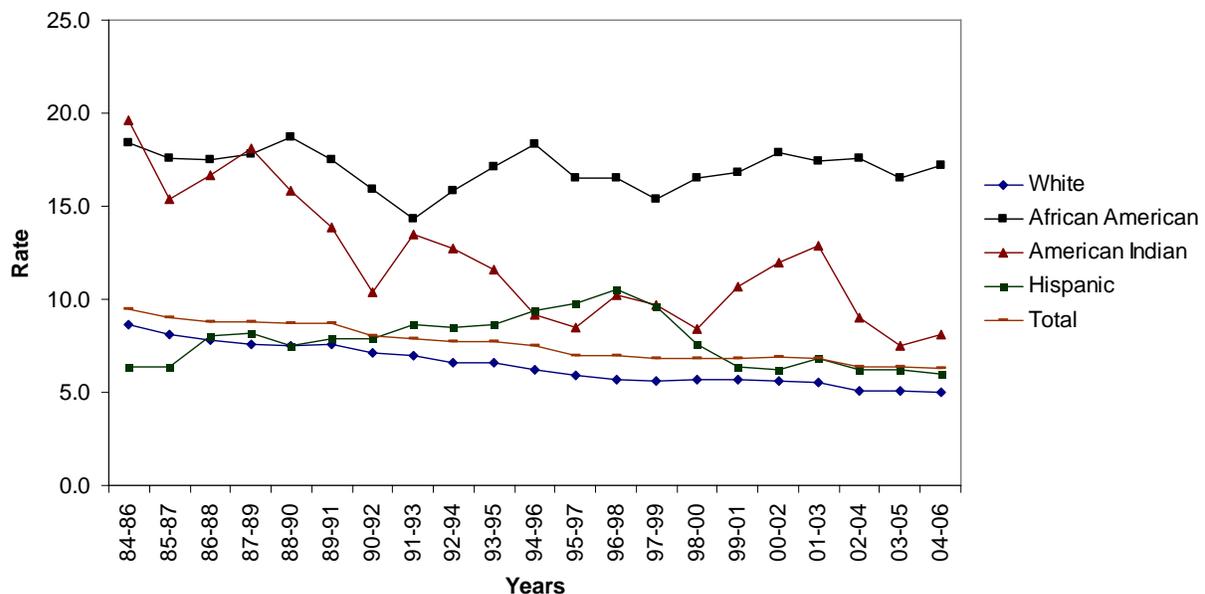


Source: Resident birth certificates, matched birth-death file, and fetal death file, Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: An infant death is one that occurs before 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 2006 infant, neonatal and fetal deaths, see Table 4-8, pages 102-103.

- The black/African American infant mortality rate for 2006 was 17.2 deaths per 1,000 births to black mothers, compared to 15.0 in 2005 and 18.3 in 1996. The 2006 white infant mortality rate was 4.9 deaths per 1,000 births to white women, compared to 5.6 in 2005 and 5.9 in 1996. The Hispanic/Latino infant mortality rate for 2006 was 6.3 deaths per 1,000 births to Hispanic/Latino women, compared to 6.7 in 2005 and 10.2 in 1996. The number of American Indian infant deaths in any single year was too small to present a rate.
- Based on three-year rolling average infant mortality rates (Figure 22), American Indian infant mortality has dropped markedly since 1984. The rate was 19.6 per 1,000 live births in 1984-1986 and 8.1 per 1,000 in 2004-2006.
- The African American infant mortality rate has remained much higher than the rate for other populations in Wisconsin for two decades. The three-year average rate was 18.4 per 1,000 live births in 1984-1986, declined to a low of 14.3 per 1,000 live births in 1991-1993, but increased again to 17.2 in 2004-2006.
- The Hispanic/Latino infant mortality rate fluctuated but remained essentially unchanged; it was 6.4 per 1,000 live births in 1984-1986 and 6.0 per 1,000 in 2004-2006.
- Total infant mortality and white infant mortality declined gradually over the 1984-2006 period, to 6.3 and 5.0, respectively.

Figure 22. Infant Mortality Rates by Race/Ethnicity, Three-Year Rolling Averages, 1984-2006



Source: Resident birth certificates, matched birth-death file, Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: An infant death is one that occurs before 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 2006 infant, neonatal and fetal deaths, see Table 4-8, pages 102-103. Total includes all infant deaths, including Asian and "Other," too small to be shown separately.

- From 1990-1992 to 2004-2006, the non-Hispanic white infant mortality rate for mothers less than 20 years old dropped from 12.4 to 8.5 deaths per 1,000 live births. The black/African American infant mortality rate for mothers less than 20 reached a low in 1991-1993 at 14.4 and a high in 2001-2003 at 21.4. In 2004-2006, the rate was 17.8. The Hispanic/Latino infant mortality rate for mothers less than 20 dropped from 14.4 deaths per 1,000 live births in 1992-1994 to 7.3 in 2004-2006.
- In 1990-1992, the non-Hispanic white infant mortality rate for mothers aged 20 or older was 6.6. This rate dropped to 4.8 in 2004-2006. The Hispanic/Latino infant mortality rate for mothers aged 20 or older was 6.7 in 1990-1992 and 5.8 in 2004-2006. The non-Hispanic black/African American infant mortality rate for mothers aged 20 or older was the only rate to increase since 1990-1992. In 1990-1992, the rate was 15.5 compared to 16.9 in 2004-2006.

Table 1-9. Infant Mortality Rates by Race/Ethnicity and Mother's Age, Three-Year Rolling Averages, Wisconsin 1990-2006

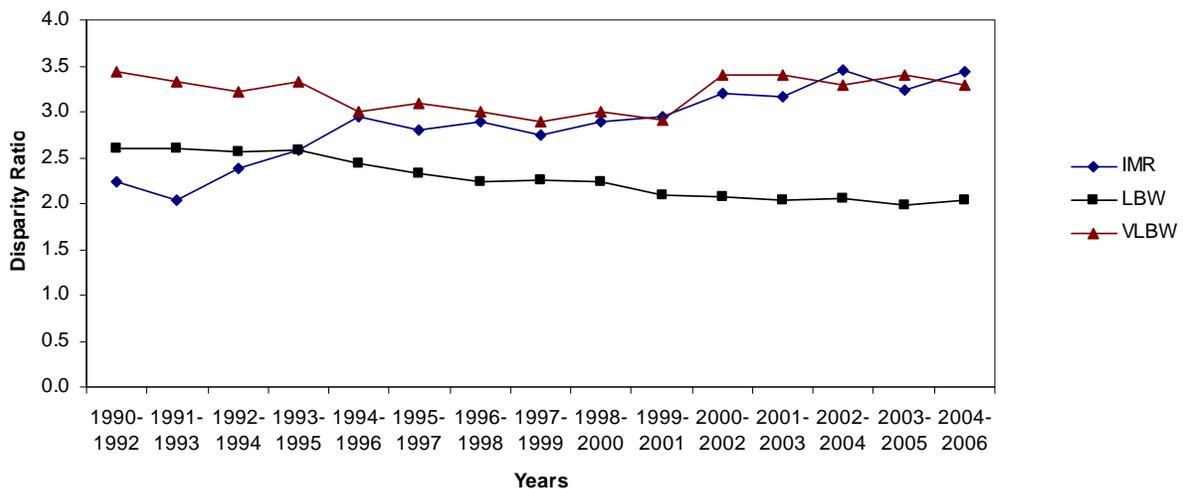
Years	Non-Hispanic White		Non-Hispanic Black/African American		Hispanic/Latino	
	<20	20+	<20	20+	<20	20+
1990-1992	12.4	6.6	16.5	15.5	-	6.7
1991-1993	11.3	6.7	14.4	14.3	-	7.2
1992-1994	10.5	6.3	15.3	16.0	14.4	6.9
1993-1995	10.5	6.3	16.4	17.4	-	8.3
1994-1996	10.6	5.8	17.0	18.8	-	9.3
1995-1997	10.3	5.5	16.5	16.6	-	10.2
1996-1998	10.0	5.3	17.5	16.2	14.7	9.4
1997-1999	9.9	5.3	17.9	14.4	17.3	7.7
1998-2000	9.9	5.3	17.9	16.0	14.8	5.8
1999-2001	9.4	5.4	18.1	16.3	10.2	5.6
2000-2002	9.3	5.3	19.4	17.4	-	6.1
2001-2003	8.4	5.3	21.4	16.1	8.4	6.5
2002-2004	8.7	4.8	21.0	16.5	8.4	5.7
2003-2005	9.0	4.9	20.1	15.4	8.9	5.7
2004-2006	8.5	4.8	17.8	16.9	7.3	5.8

Source: Resident birth certificates, matched birth-death file, and fetal death file, Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: A '-' indicates that there were not enough infant deaths to present a rate. An infant death is one that occurs before 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 2006 infant, neonatal and fetal deaths, see Table 4-8, pages 102-103.

- The disparity ratio between the black/African American infant mortality rate and the white infant mortality rate increased dramatically from the 1990-1992 period (2.2) to the 2004-2006 period (3.4) (Figure 23). The disparity ratio is the black/African American rate divided by the white rate, and is one measure of the difference in magnitude between the two rates.
- In contrast, the disparity ratio between the black/African American low birthweight rate and the white low birthweight rate gradually decreased over the 15-year period (Figure 23 and Table 1-7). It was 2.0 in 2004-2006.
- The disparity ratio between the black/African American very low birthweight rate and the white very low birthweight rate decreased during the 1990's, but increased again thereafter. It was 3.3 in 2004-2006.

Figure 23. Black/White Disparity Ratio for Infant Mortality, Low Birthweight and Very Low Birthweight, Three-Year Rolling Averages, 1990-2006



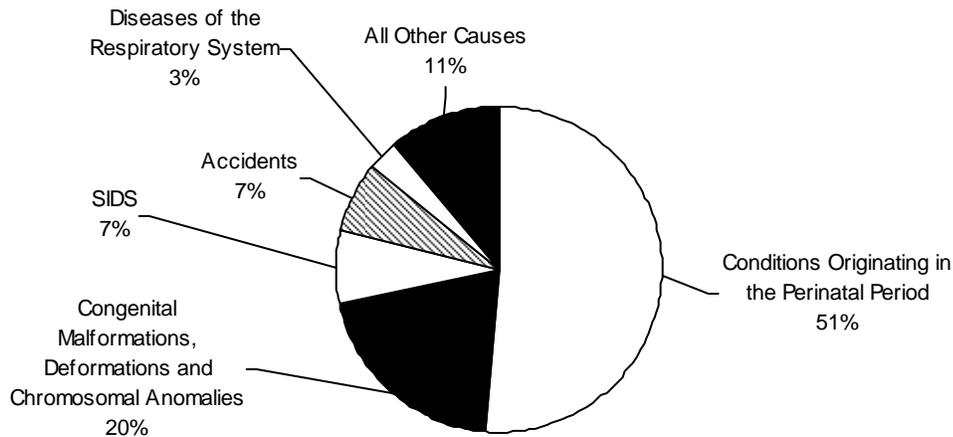
Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: The disparity ratio is the black/African American rate divided by the white rate.

Causes of Infant Death

- “Conditions originating in the perinatal period” accounted for 51 percent of infant deaths in 2006 (Figure 24). This category includes a variety of conditions that occur just before, during and after birth, such as pregnancy complications; complications of the placenta, cord and membranes; and unspecified prematurity and low birthweight (Figure 25).
- Congenital malformations, deformations and chromosomal anomalies accounted for 20 percent of infant deaths in 2006.
- Seven percent of infant deaths in 2006 were attributed to Sudden Infant Death Syndrome (SIDS); another 7 percent of infant deaths were the result of accidents.

Figure 24. Leading Causes of Infant Death, 2006

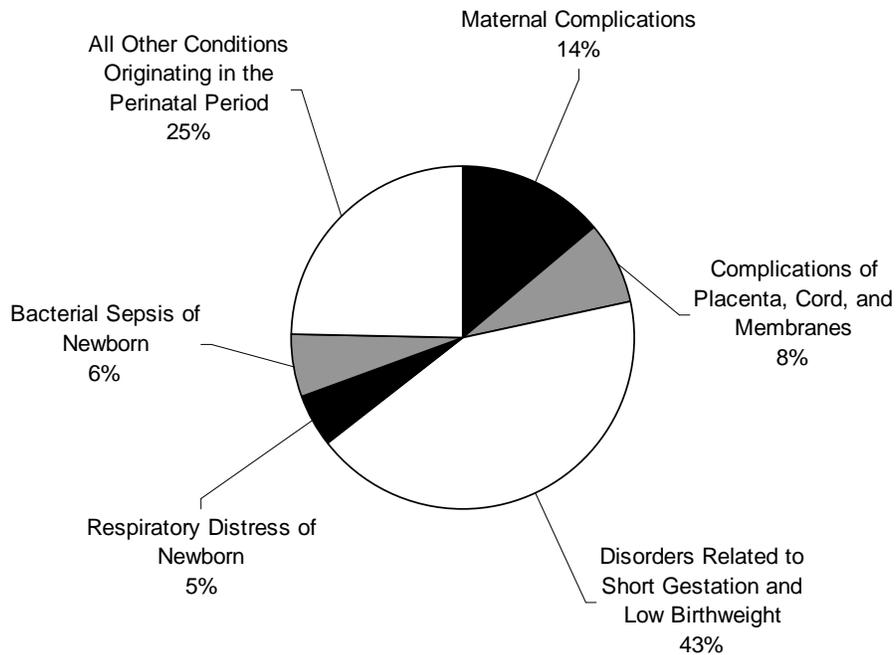


Source: Matched birth-death file, Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Beginning with 1999 data, causes of death have been coded using the International Classification of Diseases, Tenth Revision (ICD 10). This may affect comparability with previous years for some categories of death. See Technical Notes, page 108.

Percents in this figure are based on all infant deaths.

Figure 25. Causes of Infant Death: Conditions Originating in the Perinatal Period, 2006



Source: Matched birth-death file, Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Beginning with 1999 data, causes of death have been coded using the International Classification of Diseases, Tenth Revision (ICD 10). This may affect comparability with previous years for some categories of death. See Technical Notes, page 108.

Percents in this figures are based on those infant deaths categorized as “conditions originating in the perinatal period.”

Table 2-1. Population, Births by Sex, Crude and General Fertility Rates by County of Residence, Wisconsin 2006

County	Population Estimate	Total Births	Male	Female	Crude Birth Rate	General Fertility Rate
Total	5,609,705	72,302	37,056	35,246	12.9	63.4
Adams	21,420	160	80	80	7.5	53.2
Ashland	16,772	203	98	105	12.1	60.0
Barron	46,943	566	309	257	12.1	65.1
Bayfield	15,654	138	66	72	8.8	55.4
Brown	242,669	3,441	1,777	1,664	14.2	66.4
Buffalo	14,083	151	68	83	10.7	59.8
Burnett	16,595	166	75	91	10.0	65.9
Calumet	45,514	690	374	316	15.2	74.6
Chippewa	60,873	809	435	374	13.3	72.2
Clark	34,384	570	286	284	16.6	88.6
Columbia	55,440	637	339	298	11.5	60.8
Crawford	17,325	195	100	95	11.3	65.9
Dane	466,357	6,104	3,139	2,965	13.1	56.3
Dodge	89,138	979	480	499	11.0	59.6
Door	29,355	248	128	120	8.4	55.5
Douglas	43,998	490	235	255	11.1	55.2
Dunn	42,678	521	264	257	12.2	54.0
Eau Claire	96,965	1,177	630	547	12.1	52.5
Florence	5,171	33	17	16	6.4	39.9
Fond du Lac	100,404	1,188	610	578	11.8	58.4
Forest	10,169	106	60	46	10.4	62.5
Grant	50,096	615	309	306	12.3	64.9
Green	36,095	435	216	219	12.1	64.2
Green Lake	19,280	222	117	105	11.5	69.1
Iowa	23,952	321	162	159	13.4	67.9
Iron	6,841	40	17	23	5.8	35.5
Jackson	19,980	251	134	117	12.6	72.8
Jefferson	80,374	1,043	536	507	13.0	61.6
Juneau	26,964	301	155	146	11.2	63.6
Kenosha	160,901	2,212	1,146	1,066	13.7	64.1
Kewaunee	21,074	231	115	116	11.0	57.2
La Crosse	110,505	1,323	678	645	12.0	53.0
Lafayette	16,310	196	88	108	12.0	64.3
Langlade	21,217	226	137	89	10.7	61.1
Lincoln	30,480	348	174	174	11.4	63.1
Manitowoc	83,783	855	451	404	10.2	55.0

(Continued)

Table 2-1. Population, Births by Sex, Crude and General Fertility Rates by County of Residence, Wisconsin 2006

County	Population Estimate	Total Births	Male	Female	Crude Birth Rate	General Fertility Rate
Marathon	132,315	1,633	835	798	12.3	62.4
Marinette	44,121	411	201	210	9.3	52.0
Marquette	15,281	156	80	76	10.2	61.1
Menominee	4,630	117	58	59	25.3	126.5
Milwaukee	928,928	15,195	7,719	7,476	16.4	75.1
Monroe	43,541	633	338	295	14.5	76.9
Oconto	38,595	400	227	173	10.4	55.3
Oneida	37,880	296	151	145	7.8	46.5
Outagamie	173,306	2,252	1,138	1,114	13.0	60.9
Ozaukee	86,570	842	436	406	9.7	52.9
Pepin	7,542	95	53	42	12.6	70.8
Pierce	39,822	461	230	231	11.6	50.0
Polk	45,200	542	273	269	12.0	65.6
Portage	68,964	747	391	356	10.8	49.0
Price	15,731	107	52	55	6.8	41.4
Racine	195,530	2,652	1,364	1,288	13.6	68.2
Richland	18,215	229	124	105	12.6	69.1
Rock	159,247	2,125	1,039	1,086	13.3	65.7
Rusk	15,436	134	72	62	8.7	50.5
St. Croix	79,469	1,220	626	594	15.4	73.0
Sauk	59,720	796	402	394	13.3	68.5
Sawyer	17,391	223	113	110	12.8	79.5
Shawano	42,097	513	256	257	12.2	66.5
Sheboygan	115,908	1,422	695	727	12.3	64.1
Taylor	19,819	229	130	99	11.6	61.6
Trempealeau	28,161	333	165	168	11.8	63.6
Vernon	29,399	438	238	200	14.9	84.7
Vilas	22,463	204	110	94	9.1	60.6
Walworth	100,595	1,266	694	572	12.6	62.5
Washburn	17,129	198	103	95	11.6	73.0
Washington	128,420	1,537	788	749	12.0	60.2
Waukesha	380,791	4,140	2,120	2,020	10.9	57.1
Waupaca	53,351	566	295	271	10.6	57.5
Waushara	25,082	245	118	127	9.8	62.6
Winnebago	162,985	1,887	961	926	11.6	54.8
Wood	76,312	867	456	411	11.4	59.9

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: 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. Population estimates are from the United States Census Bureau and the Wisconsin Department of Administration, Demographic Services Center. These estimates are provisional and subject to revision.

Table 2-2. Population, Births and Crude Birth Rate by Selected Places of Residence, Wisconsin 2006

City	Population Estimate	Births	Crude Birth Rate
Appleton	72,004	1,316	18.3
Beloit	36,560	696	19.0
Brookfield	39,740	276	6.9
Caledonia (V)	24,770	142	5.7
De Pere	22,495	397	17.6
Eau Claire	65,056	852	13.1
Fitchburg	22,900	323	14.1
Fond du Lac	43,270	668	15.4
Franklin	33,000	294	8.9
Grand Chute	20,425	96	4.7
Green Bay	104,230	2,061	19.8
Greenfield	36,150	338	9.3
Janesville	62,540	918	14.7
Kenosha	94,450	1,704	18.0
La Crosse	51,380	640	12.5
Madison	223,280	3,174	14.2
Manitowoc	34,720	423	12.2
Menomonee Falls (V)	34,070	365	10.7
Mequon/Thiensville	26,840	192	7.2
Milwaukee	590,370	11,504	19.5
Mount Pleasant (V)	25,430	90	3.5
Muskego	22,630	246	10.9
Neenah/Menasha	42,712	687	16.1
New Berlin	39,260	340	8.7
Oak Creek	32,104	434	13.5
Oshkosh	65,510	798	12.2
Racine	80,340	1,821	22.7
Sheboygan	50,650	779	15.4
South Milwaukee	21,300	226	10.6
Stevens Point	25,190	324	12.9
Sun Prairie	25,180	506	20.1
Superior	27,180	330	12.1
Watertown	23,155	337	14.6
Waukesha	67,750	1,134	16.7
Wausau	39,740	687	17.3
Wauwatosa	46,120	519	11.3
West Allis	60,300	712	11.8
West Bend	30,090	469	15.6

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

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

This table includes cities, townships (T) and villages (V) with a population of 20,000 or more according to population estimates from the United States Census Bureau and the Wisconsin Department of Administration, Demographic Services Center. These estimates are provisional and subject to revision. Combined areas include: Mequon (C) with Thiensville (V); and Neenah (C) with Menasha (C).

Table 2-3. Number of Births by County of Residence and Selected Minor Civil Divisions, Wisconsin 2006

STATE TOTAL	72,302	Balance of County	173	Springfield (T)	12
Urban*	58,041			Stoughton (C)	214
Balance of State	14,261	CHIPPEWA	809	Sun Prairie (C)	506
ADAMS	160	Bloomer (C)	63	Verona (C)	131
Rome (T)	15	Chippewa Falls (C)	238	Waunakee (V)	148
Balance of County	145	Eagle Point (T)	25	Westport (T)	13
		Eau Claire (C) (Pt.)	38	Windsor (T)	47
		Lafayette (T)	52	Balance of County	407
ASHLAND	203	Lake Hallie (V)	18		
Ashland (C) (Pt.)	103	Stanley (C) (Pt.)	30	DODGE	979
Balance of County	100	Wheaton (T)	19	Beaver Dam (C)	254
		Balance of County	326	Beaver Dam (T)	21
BARRON	566			Columbus (C) (Pt.)	6
Barron (C)	41	CLARK	570	Fox Lake (T)	8
Rice Lake (C)	107	Neillsville (C)	36	Hartford (C) (Pt.)	1
Rice Lake (T)	34	Balance of County	534	Horicon (C)	63
Balance of County	384			Juneau (C)	36
		COLUMBIA	637	Mayville (C)	59
BAYFIELD	138	Columbus (C) (Pt.)	61	Watertown (C) (Pt.)	111
		Lodi (C)	38	Waupun (C) (Pt.)	84
BROWN	3,441	Lodi (T)	32	Balance of County	336
Allouez (V)	104	Pacific (T)	10		
Ashwaubenon (V)	86	Portage (C)	131	DOOR	248
Bellevue (V)	121	Poynette (V)	53	Sevastopol (T)	3
De Pere (C)	397	Balance of County	312	Sturgeon Bay (C)	124
Green Bay (C)	2,061			Balance of County	121
Hobart (V)	20	CRAWFORD	195		
Howard (V) (Pt.)	160	Prairie du Chien (C)	87	DOUGLAS	490
Lawrence (T)	21	Balance of County	108	Superior (C)	330
Ledgeview (T)	30			Balance of County	160
Pittsfield (T)	9	DANE	6,104		
Pulaski (V) (Pt.)	75	Bristol (T)	23	DUNN	521
Scott (T)	31	Burke (T)	10	Menomonie (C)	163
Suamico (V)	96	Cottage Grove (T)	41	Menomonie (T)	39
Wrightstown (V) (Pt.)	29	Cottage Grove (V)	70	Balance of County	319
Balance of County	201	Cross Plains (V)	57		
		De Forest (V)	167	EAU CLAIRE	1,177
BUFFALO	151	Dunn (T)	17	Altoona (C)	91
Mondovi (C)	45	Edgerton (C) (Pt.)	3	Eau Claire (C) (Pt.)	814
Balance of County	106	Fitchburg (C)	323	Pleasant Valley (T)	27
		Madison (C)	3,174	Seymour (T)	24
BURNETT	166	Madison (T)	7	Union (T)	22
		Marshall (V)	73	Washington (T)	39
CALUMET	690	McFarland (V)	92	Balance of County	160
Appleton (C) (Pt.)	215	Middleton (C)	208		
Brillion (C)	53	Middleton (T)	23	FLORENCE	33
Chilton (C)	67	Monona (C)	77		
Harrison (T)	104	Mount Horeb (V)	117	FOND DU LAC	1,188
Kiel (C) (Pt.)	4	Oregon (T)	41	Empire (T)	13
Menasha (C) (Pt.)	33	Oregon (V)	94	Fond du Lac (C)	668
New Holstein (C)	41	Pleasant Springs (T)	9	North Fond du Lac (V)	43

* Sum of incorporated places having a population of 2,500 or more according to 2006 population estimates provided by the Wisconsin Department of Administration, Demographic Services Center.

(Continued)

Table 2-3. Number of Births by County of Residence and Selected Minor Civil Divisions, Wisconsin 2006

Ripon (C)	86	Kenosha (C)	1,704	Weston (V)	93
Taycheedah (T)	18	Paddock Lake (V)	35	Balance of County	619
Waupun (C) (Pt.)	42	Pleasant Prairie (V)	152		
Balance of County	318	Randall (T)	11	MARINETTE	411
FOREST	106	Salem (T)	89	Marinette (C)	140
		Somers (T)	32	Peshtigo (C)	37
GRANT	615	Twin Lakes (V)	84	Peshtigo (T)	24
Boscobel (C)	33	Wheatland (T)	23	Stephenson (T)	11
Lancaster (C)	75	Balance of County	44	Balance of County	199
Platteville (C)	98	KEWAUNEE	231	MARQUETTE	156
Balance of County	409	Algoma (C)	47		
GREEN	435	Kewaunee (C)	39	MENOMINEE	117
Brodhead (C) (Pt.)	49	Balance of County	145	Menominee (T)	117
Monroe (C)	151	LA CROSSE	1,323	MILWAUKEE	15,195
Balance of County	235	Campbell (T)	14	Bayside (V)(Pt.)	36
		Holland (T)	17	Brown Deer (V)	131
GREEN LAKE	222	Holmen (V)	157	Cudahy (C)	240
Berlin (C) (Pt.)	78	La Crosse (C)	640	Fox Point (V)	46
Balance of County	144	Onalaska (C)	253	Franklin (C)	294
		Onalaska (T)	51	Glendale (C)	104
IOWA	321	Shelby (T)	15	Greendale (V)	102
Dodgeville (C)	79	West Salem (V)	67	Greenfield (C)	338
Mineral Point (C)	47	Balance of County	109	Hales Corners (V)	73
Balance of County	195	LAFAYETTE	196	Milwaukee (C) (Pt.)	11,501
IRON	40			Oak Creek (C)	434
		LANGLADE	226	Shorewood (V)	125
JACKSON	251	Antigo (C)	140	South Milwaukee (C)	226
Black River Falls (C)	67	Balance of County	86	St. Francis (C)	89
Brockway (T)	17	LINCOLN	348	Wauwatosa (C)	519
Balance of County	167	Bradley (T)	10	West Allis (C)	712
		Merrill (C)	201	West Milwaukee (V)	40
JEFFERSON	1,043	Merrill (T)	18	Whitefish Bay (V)	182
Ft. Atkinson (C)	200	Tomahawk (C)	59	Balance of County	3
Ixonia (T)	40	Balance of County	60	MONROE	633
Jefferson (C)	123	MANITOWOC	855	Sparta (C)	213
Koshkonong (T)	18	Kiel (C) (Pt.)	58	Sparta (T)	20
Lake Mills (C)	92	Manitowoc (C)	423	Tomah (C)	159
Oakland (T)	9	Manitowoc Rapids (T)	5	Balance of County	241
Waterloo (C)	50	Two Rivers (C)	117		
Watertown (C) (Pt.)	226	Balance of County	252	OCONTO	400
Whitewater (C) (Pt.)	28	MARATHON	1,633	Chase (T)	22
Balance of County	257	Kronenwetter (V)	24	Little Suamico (T)	55
		Marshfield (C) (Pt.)	5	Oconto (C)	65
JUNEAU	301	Mosinee (C)	130	Oconto Falls (C)	45
Mauston (C)	82	Rib Mountain (T)	19	Pulaski (V) (Pt.)	3
Balance of County	219	Rothschild (V)	56	Balance of County	210
KENOSHA	2,212	Wausau (C)	687	ONEIDA	296
Bristol (T)	33			Minocqua (T)	35
Genoa City (V) (Pt.)	5				

(Continued)

Table 2-3. Number of Births by County of Residence and Selected Minor Civil Divisions, Wisconsin 2006

Newbold (T)	31	Osceola (V)	34	RUSK	134
Pelican (T)	28	Balance of County	393	Ladysmith (C)	43
Pine Lake (T)	18			Balance of County	91
Rhineland (C)	80	PORTAGE	747		
Balance of County	104	Hull (T)	30	ST. CROIX	1,220
		Plover (V)	151	Baldwin (V)	48
OUTAGAMIE	2,252	Stevens Point (C)	324	Hudson (C)	291
Appleton (C) (Pt.)	1,062	Stockton (T)	27	Hudson (T)	81
Buchanan (T)	33	Balance of County	215	New Richmond (C)	186
Center (T)	18			North Hudson (V)	15
Combined Locks (V)	40	PRICE	107	Richmond (T)	21
Dale (T)	13	Park Falls (C)	31	River Falls (C) (Pt.)	44
Ellington (T)	21	Balance of County	76	Somerset (T)	81
Freedom (T)	47			St. Joseph (T)	25
Grand Chute (T)	96	RACINE	2,652	Star Prairie (T)	41
Greenville (T)	100	Burlington (C) (Pt.)	151	Troy (T)	21
Hortonville (V)	59	Burlington (T)	50	Balance of County	366
Kaukauna (C)	263	Caledonia (V)	142		
Kimberly (V)	63	Dover (T)	21	SAUK	796
Little Chute (V)	112	Mt. Pleasant (V)	90	Baraboo (C)	205
New London (C) (Pt.)	29	Norway (T)	43	Lake Delton (V)	24
Oneida (T)	60	Racine (C)	1,821	Prairie du Sac (V)	48
Seymour (C)	56	Raymond (T)	17	Reedsburg (C)	140
Wrightstown (V)	2	Rochester (T)	11	Sauk City (V)	44
Balance of County	178	Sturtevant (V)	73	Balance of County	335
		Union Grove (V)	74		
OZAUKEE	842	Waterford (T)	66	SAWYER	223
Cedarburg (C)	111	Waterford (V)	61	Hayward (T)	50
Cedarburg (T)	55	Yorkville (T)	12	Balance of County	173
Grafton (T)	53	Balance of County	20		
Grafton (V)	115			SHAWANO	513
Mequon (C)	162	RICHLAND	229	Pulaski (V) (Pt.)	6
Port Washington (C)	120	Richland Center (C)	88	Shawano (C)	167
Saukville (V)	52	Balance of County	141	Wescott (T)	25
Thiensville (V)	30			Balance of County	315
Balance of County	144	ROCK	2,125		
		Beloit (C)	696	SHEBOYGAN	1,422
PEPIN	95	Beloit (T)	44	Greenbush (T)	3
		Brodhead (C) (Pt.)	4	Howards Grove (V)	30
PIERCE	461	Edgerton (C) (Pt.)	93	Lima (T)	17
Ellsworth (V)	39	Evansville (C)	96	Oostburg (V)	50
Prescott (C)	78	Fulton (T)	9	Plymouth (C)	125
River Falls (C) (Pt.)	118	Janesville (C)	918	Plymouth (T)	24
Balance of County	226	Janesville (T)	10	Sheboygan (C)	779
		Milton (C)	89	Sheboygan (T)	64
POLK	542	Milton (T)	20	Sheboygan Falls (C)	80
Alden (T)	15	Rock (T)	11	Wilson (T)	19
Amery (C)	56	Balance of County	135	Balance of County	231
Osceola (T)	44				

(Continued)

Table 2-3. Number of Births by County of Residence and Selected Minor Civil Divisions, Wisconsin 2006

TAYLOR	229	Barton (T)	9	Sussex (V)	168
Medford (C)	60	Erin (T)	19	Vernon (T)	32
Balance of County	169	Farmington (T)	25	Wales (V)	32
		Germantown (V)	177	Waukesha (C)	1,134
TREMPEALEAU	333	Hartford (C) (Pt.)	225	Waukesha (T)	81
		Hartford (T)	51	Balance of County	170
VERNON	438	Jackson (T)	45		
Viroqua (C)	66	Jackson (V)	88	WAUPACA	566
Balance of County	372	Kewaskum (V) (Pt.)	67	Clintonville (C)	57
		Milwaukee (C) (Pt.)	2	Dayton (T)	17
VILAS	204	Polk (T)	17	Farmington (T)	23
Arbor Vitae (T)	21	Richfield (T)	87	Mukwa (T)	11
Lac du Flambeau (T)	65	Slinger (V)	73	New London (C) (Pt.)	110
Lincoln (T)	11	Trenton (T)	16	Waupaca (C)	97
Balance of County	107	West Bend (C)	469	Balance of County	251
		West Bend (T)	35		
WALWORTH	1,266	Balance of County	112	WAUSHARA	245
Bloomfield (T)	36			Berlin (C) (Pt.)	10
Burlington (C) (Pt.)	13	WAUKESHA	4,140	Balance of County	235
Delavan (C)	193	Brookfield (C)	276		
Delavan (T)	46	Brookfield (T)	44	WINNEBAGO	1,887
East Troy (T)	61	Delafield (C)	49	Algoma (T)	35
East Troy (V)	68	Delafield (T)	34	Appleton (C) (Pt.)	39
Elkhorn (C)	224	Eagle (T)	28	Clayton (T)	28
Geneva (T)	26	Elm Grove (V)	39	Menasha (C) (Pt.)	244
Genoa City (V) (Pt.)	74	Genesee (T)	36	Menasha (T)	109
La Grange (T)	13	Hartland (V)	167	Neenah (C)	410
Lake Geneva (C)	158	Lisbon (T)	61	Neenah (T)	30
Lyons (T)	25	Menomonee Falls (V)	365	Omro (C)	48
Sugar Creek (T)	25	Merton (T)	39	Oshkosh (C)	798
Walworth (V)	39	Merton (V)	19	Oshkosh (T)	18
Whitewater (C) (Pt.)	72	Milwaukee (C) (Pt.)	1	Winneconne (V)	24
Williams Bay (V)	29	Mukwonago (T)	88	Balance of County	104
Balance of County	164	Mukwonago (V) (Pt.)	91		
		Muskego (C)	246	WOOD	867
WASHBURN	198	New Berlin (C)	340	Grand Rapids (T)	36
Spooner (C)	49	Oconomowoc (C)	264	Marshfield (C) (Pt.)	256
Balance of County	149	Oconomowoc (T)	82	Nekoosa (C)	42
		Ottawa (T)	14	Saratoga (T)	22
WASHINGTON	1,537	Pewaukee (C)	130	Wisconsin Rapids (C)	293
Addison (T)	20	Pewaukee (V)	92	Balance of County	218
		Summit (T)	18		

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: Minor civil divisions are City (C), Village (V), Township (T). Places located in more than one county are indicated by (Pt.) (an abbreviation of "Part").

Table 2-4. Births by County, City and Facility of Occurrence, Wisconsin 2006

County	City	Hospital	Births
Ashland	Ashland	Memorial Medical Center	292
Barron	Cumberland	Cumberland Memorial Hospital	84
	Rice Lake	Lakeview Medical Center	472
	Barron	Barron Memorial Medical Center	96
Brown	Green Bay	Aurora Baycare Medical Center	1,639
	Green Bay	Bellin Health System	1,255
	Green Bay	St Marys Hospital Medical Center	659
	Green Bay	St Vincent Hospital	1,059
Burnett	Grantsburg	Burnett Medical Center, Inc.	54
Chippewa	Bloomer	Bloomer Memorial Medical Center	1
	Chippewa Falls	St Josephs Hospital	526
	Neillsville	Memorial Hospital, Inc.	47
Clark	Columbus	Columbus Community Hospital, Inc.	53
	Portage	Divine Savior Healthcare	314
Crawford	Prairie du Chien	Prairie du Chien Memorial Hospital	191
Dane	Madison	Meriter Hospital, Inc	3,700
	Madison	St Marys Hospital Medical Center	3,473
	Middleton	Madison Birth Center	82
Dodge	Beaver Dam	Beaver Dam Community Hospital	435
	Watertown	Watertown Memorial Hospital	357
	Waupun	Waupun Memorial Hospital	138
Door	Sturgeon Bay	Door County Memorial Hospital	175
Dunn	Menomonie	Red Cedar Medical Center	298
Eau Claire	Eau Claire	Luther Hospital	725
	Eau Claire	Sacred Heart Hospital	1,204
Fond du Lac	Fond du Lac	St. Agnes Hospital	924
	Ripon	Ripon Medical Center	1
	Boscobel	Boscobel Area Health Care	54
Grant	Lancaster	Grant Regional Health Center, Inc.	141
	Platteville	Southwest Health Center	161
	Monroe	The Monroe Clinic	390
Green	Berlin	Berlin Memorial Hospital	241
Green Lake	Dodgeville	Upland Hills Health, Inc.	298
Iowa	Black River Falls	Black River Memorial Hospital	165
Jackson	Fort Atkinson	Fort Atkinson Memorial Hospital	498
Juneau	Mauston	Hess Memorial Hospital	188
Kenosha	Kenosha	Aurora Medical Center	1,271
	Kenosha	United Hospital Systems-Keno Med Ctr Camp	713
La Crosse	La Crosse	Gundersen Lutheran Medical Center	1,629
	La Crosse	Franciscan Skemp Healthcare	795
Lafayette	Darlington	Memorial Hospital of Lafayette County	41
Langlade	Antigo	Langlade Memorial Hospital	243
Lincoln	Merrill	Good Samaritan Health Center	77
Manitowoc	Manitowoc	Holy Family Memorial Medical Center	333
	Two Rivers	Aurora Medical Center	310
Marathon	Wausau	Wausau Hospital	1,272
	Weston	St Clares Hospital	451
Marinette	Marinette	Bay Area Medical Center	366
Milwaukee	Cudahy	St. Lukes South Shore	1

(Continued)

Table 2-4. Births by County, City and Facility of Occurrence, Wisconsin 2006

County	City	Hospital	Births
	Milwaukee	The Columbia Center	643
	Milwaukee	Aurora Sinai Medical Center, Inc.	2,810
	Milwaukee	St. Francis Hospital	1,200
	Milwaukee	St. Josephs Regional Medical Center	4,502
	Milwaukee	St. Marys Hospital	2,810
	Milwaukee	St. Michaels Hospital	1
	Wauwatosa	Froedert Memorial Lutheran Hospital	1,563
	West Allis	West Allis Memorial Hospital	3,125
Monroe	Sparta	Franciscan Skemp Healthcare-Sparta	90
	Tomah	Tomah Memorial Hospital, Inc.	268
Oconto	Oconto Falls	Community Memorial Hospital	85
Oneida	Rhineland	Sacred Heart-St Marys Hospital, Inc.	381
	Woodruff	Howard Young Medical Center	360
Outagamie	Appleton	Appleton Medical Center	1,024
	Appleton	St Elizabeth Hospital	1,270
	New London	New London Family Medical Center	141
Ozaukee	Mequon	St Marys Hospital-Ozaukee	776
Polk	Amery	Amery Regional Medical Center	178
	Osceola	Osceola Medical Center	83
	Saint Croix	St Croix Regional Medical Center	309
Portage	Stevens Point	St. Michaels Hospital	677
Price	Park Falls	Flambeau Hospital, Inc.	28
Racine	Burlington	Memorial Hospital Of Burlington	312
	Racine	All Saints-St. Lukes Health Pavilion	1,947
Richland	Richland Center	The Richland Hospital	203
Rock	Beloit	Beloit Memorial Hospital, Inc.	774
	Janesville	Mercy Health System	1,183
Rusk	Ladysmith	Rusk County Memorial Hospital	79
Sauk	Baraboo	St Clare Hospital And Health Services	319
	Prairie du Sac	Sauk Prairie Memorial Hospital	275
	Reedsburg	Reedsburg Area Medical Center	281
Sawyer	Hayward	Hayward Area Memorial Hospital	194
Shawano	Shawano	Shawano Medical Center	390
Sheboygan	Sheboygan	Aurora Sheboygan Memorial Medical Center	1,148
	Sheboygan	St. Nicholas Hospital	335
St.Croix	Baldwin	Baldwin Area Medical Center	96
	Hudson	Hudson Hospital	411
	New Richmond	Westfields Hospital	161
	River Falls	River Falls Area Hospital	264
Taylor	Medford	Memorial Health Center, Inc.	170
Trempealeau	Arcadia	Franciscan Skemp Healthcare-Arcadia	52
	Osseo	Osseo Area Municipal Hospital	1
Vernon	Hillsboro	St Josephs Community Health Services	27
	La Farge	The LaFarge Clinic	80
	Viroqua	Vernon Memorial Hospital	170
Walworth	Elkhorn	Aurora Lakeland Medical Center	820
Washburn	Shell Lake	Indianhead Medical Center, Inc.	20
	Spooner	Spooner Health System	94
Washington	Hartford	Aurora Medical Center	347

(Continued)

Table 2-4. Births by County, City and Facility of Occurrence, Wisconsin 2006

County	City	Hospital	Births
Waukesha	West Bend	St. Josephs Community Hospital	722
	Brookfield	Elmbrook Memorial Hospital	643
	Menomonee Falls	Community Memorial Hospital	846
	Oconomowoc	Oconomowoc Memorial Hospital	800
Waupaca	Waukesha	Waukesha Memorial Hospital	2,253
	Waupaca	Riverside Medical Center	208
Winnebago	Neenah	Theda Clark Regional Medical Center	1,342
	Oshkosh	Aurora Medical Center Of Oshkosh	773
	Oshkosh	Mercy Medical Center	619
Wood	Marshfield	St. Josephs Hospital	1,132
	Wisconsin Rapids	Riverview Hospital Association	460

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: Number shown includes all births that occurred at the hospital, including births to women who were not Wisconsin residents.

Table 2-5. Home Births by County of Birth, Wisconsin 2006

County of Birth	Number of Births	County of Birth	Number of Births
Adams	1	Marathon	37
Ashland	2	Marinette	1
Barron	4	Marquette	20
Bayfield	2	Menominee	-
Brown	10	Milwaukee	50
Buffalo	1	Monroe	46
Burnett	-	Oconto	4
Calumet	3	Oneida	4
Chippewa	21	Outagamie	6
Clark	197	Ozaukee	6
Columbia	20	Pepin	58
Crawford	3	Pierce	2
Dane	34	Polk	4
Dodge	8	Portage	6
Door	5	Price	-
Douglas	5	Racine	8
Dunn	16	Richland	6
Eau Claire	29	Rock	19
Florence	1	Rusk	10
Fond du Lac	6	St. Croix	7
Forest	-	Sauk	17
Grant	50	Sawyer	3
Green	6	Shawano	6
Green Lake	29	Sheboygan	11
Iowa	3	Taylor	11
Iron	-	Trempealeau	11
Jackson	13	Vernon	94
Jefferson	4	Vilas	2
Juneau	4	Walworth	11
Kenosha	5	Washburn	4
Kewaunee	4	Washington	8
La Crosse	8	Waukesha	22
Lafayette	11	Waupaca	17
Langlade	2	Waushara	16
Lincoln	4	Winnebago	5
Manitowoc	5	Wood	5
		Total	1,054

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: This table shows the number of Wisconsin resident births in 2006 that occurred at home by the county in which the birth occurred. In 2006, there was one birth in which the county of birth was unknown. Almost all births (71,087 or 98 percent) occurred in hospitals. A dash (-) indicates there were no home births in that county.

Table 2-6. Number of Births by Age of Mother and County of Residence, Wisconsin 2006

County	Total	< 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	72,302	92	1,840	4,168	17,163	22,235	16,886	8,200	1,611	91
Adams	160	-	10	14	51	33	32	14	6	-
Ashland	203	-	5	12	58	69	35	19	5	-
Barron	566	1	8	41	176	177	99	61	3	-
Bayfield	138	-	2	6	42	40	26	20	2	-
Brown	3,441	2	87	187	825	1,095	823	352	64	5
Buffalo	151	-	2	9	38	44	35	18	5	-
Burnett	166	-	5	16	57	53	19	12	4	-
Calumet	690	-	2	23	121	230	220	86	7	1
Chippewa	809	1	18	33	236	267	165	79	9	1
Clark	570	-	12	19	151	200	117	57	13	1
Columbia	637	1	9	35	134	193	175	76	14	-
Crawford	195	-	4	12	68	63	34	11	3	-
Dane	6,104	4	113	208	1,004	1,832	1,812	953	169	9
Dodge	979	-	23	54	241	331	224	92	12	2
Door	248	-	6	11	44	97	53	22	13	2
Douglas	490	1	14	28	125	167	103	43	8	1
Dunn	521	-	8	19	137	163	110	63	17	4
Eau Claire	1,177	1	23	58	316	414	220	119	25	-
Florence	33	-	-	2	12	10	6	3	-	-
Fond du Lac	1,188	1	30	63	285	418	260	103	25	3
Forest	106	-	2	13	36	27	18	8	-	1
Grant	615	-	6	29	149	223	125	65	15	3
Green	435	-	8	28	92	141	103	49	12	2
Green Lake	222	-	4	7	66	63	54	25	3	-
Iowa	321	-	6	21	71	99	77	37	9	1
Iron	40	-	2	4	9	14	7	3	1	-
Jackson	251	1	5	21	81	76	50	11	6	-
Jefferson	1,043	2	25	37	245	349	249	114	21	1
Juneau	301	-	10	25	120	78	51	13	4	-
Kenosha	2,212	1	60	150	591	618	501	246	39	2
Kewaunee	231	-	4	6	49	74	63	28	7	-
La Crosse	1,323	-	32	71	307	414	316	145	36	1
Lafayette	196	-	2	8	47	69	45	22	2	1
Langlade	226	-	3	15	75	66	44	20	3	-
Lincoln	348	-	6	27	73	128	77	33	4	-
Manitowoc	855	1	11	59	185	290	190	102	16	1
Marathon	1,633	-	29	97	379	537	370	187	31	1
Marinette	411	1	8	34	131	119	73	38	7	-
Marquette	156	-	1	12	50	42	29	18	4	-
Menominee	117	2	10	12	43	30	10	9	1	-
Milwaukee	15,195	50	729	1,272	4,137	4,272	2,943	1,468	313	8
Monroe	633	1	9	47	201	187	106	65	14	3

(Continued)

Table 2-6. Number of Births by Age of Mother and County of Residence, Wisconsin 2006

County	Total	< 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Oconto	400	-	13	22	97	135	86	38	9	-
Oneida	296	-	5	18	65	101	56	41	8	1
Outagamie	2,252	1	35	89	456	763	621	249	37	-
Ozaukee	842	-	7	17	118	205	285	175	34	1
Pepin	95	-	-	3	21	36	23	9	3	-
Pierce	461	-	3	22	82	158	131	54	10	1
Polk	542	1	12	36	150	176	108	40	16	3
Portage	747	-	13	31	185	271	146	90	11	-
Price	107	-	3	6	29	32	25	9	3	-
Racine	2,652	6	102	191	695	793	564	249	50	1
Richland	229	-	4	10	67	69	53	22	3	1
Rock	2,125	9	55	154	613	632	439	180	42	1
Rusk	134	-	2	8	43	43	21	15	2	-
St. Croix	1,220	-	13	25	188	440	391	138	24	1
Sauk	796	-	15	55	208	239	181	83	14	1
Sawyer	223	-	9	15	71	59	53	13	3	-
Shawano	513	2	10	36	138	171	99	47	9	1
Sheboygan	1,422	-	38	75	315	459	335	160	37	3
Taylor	229	-	2	5	68	77	51	22	4	-
Trempealeau	333	-	6	21	89	118	68	26	5	-
Vernon	438	-	3	17	109	127	108	49	21	4
Vilas	204	-	4	11	58	55	42	31	3	-
Walworth	1,266	2	27	67	295	379	308	158	30	-
Washburn	198	-	3	12	57	66	33	22	5	-
Washington	1,537	-	11	49	252	490	438	251	45	1
Waukesha	4,140	-	33	123	557	1,108	1,359	801	147	12
Waupaca	566	-	8	39	152	185	120	45	16	1
Waushara	245	-	5	18	76	74	47	14	9	2
Winnebago	1,887	-	35	100	424	657	455	178	36	2
Wood	867	-	11	48	227	305	171	82	23	-

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Included in the total column are 16 births for which age of mother was not reported. A dash (-) indicates that there were no births in that category.

Table 2-7. Percent of Births by Age of Mother and County of Residence, Wisconsin 2006

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	72,302	0.1%	2.5%	5.8%	23.7%	30.8%	23.4%	11.3%	2.2%	0.1%
Adams	160	-	6.3	8.8	31.9	20.6	20.0	8.8	3.8	-
Ashland	203	-	2.5	5.9	28.6	34.0	17.2	9.4	2.5	-
Barron	566	0.2	1.4	7.2	31.1	31.3	17.5	10.8	0.5	-
Bayfield	138	-	1.4	4.3	30.4	29.0	18.8	14.5	1.4	-
Brown	3,441	0.1	2.5	5.4	24.0	31.8	23.9	10.2	1.9	0.1
Buffalo	151	-	1.3	6.0	25.2	29.1	23.2	11.9	3.3	-
Burnett	166	-	3.0	9.6	34.3	31.9	11.4	7.2	2.4	-
Calumet	690	-	0.3	3.3	17.5	33.3	31.9	12.5	1.0	0.1
Chippewa	809	0.1	2.2	4.1	29.2	33.0	20.4	9.8	1.1	0.1
Clark	570	-	2.1	3.3	26.5	35.1	20.5	10.0	2.3	0.2
Columbia	637	0.2	1.4	5.5	21.0	30.3	27.5	11.9	2.2	-
Crawford	195	-	2.1	6.2	34.9	32.3	17.4	5.6	1.5	-
Dane	6,104	0.1	1.9	3.4	16.4	30.0	29.7	15.6	2.8	0.1
Dodge	979	-	2.3	5.5	24.6	33.8	22.9	9.4	1.2	0.2
Door	248	-	2.4	4.4	17.7	39.1	21.4	8.9	5.2	0.8
Douglas	490	0.2	2.9	5.7	25.5	34.1	21.0	8.8	1.6	0.2
Dunn	521	-	1.5	3.6	26.3	31.3	21.1	12.1	3.3	0.8
Eau Claire	1,177	0.1	2.0	4.9	26.8	35.2	18.7	10.1	2.1	-
Florence	33	-	-	6.1	36.4	30.3	18.2	9.1	-	-
Fond du Lac	1,188	0.1	2.5	5.3	24.0	35.2	21.9	8.7	2.1	0.3
Forest	106	-	1.9	12.3	34.0	25.5	17.0	7.5	-	0.9
Grant	615	-	1.0	4.7	24.2	36.3	20.3	10.6	2.4	0.5
Green	435	-	1.8	6.4	21.1	32.4	23.7	11.3	2.8	0.5
Green Lake	222	-	1.8	3.2	29.7	28.4	24.3	11.3	1.4	-
Iowa	321	-	1.9	6.5	22.1	30.8	24.0	11.5	2.8	0.3
Iron	40	-	5.0	10.0	22.5	35.0	17.5	7.5	2.5	-
Jackson	251	0.4	2.0	8.4	32.3	30.3	19.9	4.4	2.4	-
Jefferson	1,043	0.2	2.4	3.5	23.5	33.5	23.9	10.9	2.0	0.1
Juneau	301	-	3.3	8.3	39.9	25.9	16.9	4.3	1.3	-
Kenosha	2,212	0.0	2.7	6.8	26.7	27.9	22.6	11.1	1.8	0.1
Kewaunee	231	-	1.7	2.6	21.2	32.0	27.3	12.1	3.0	-
La Crosse	1,323	-	2.4	5.4	23.2	31.3	23.9	11.0	2.7	0.1
Lafayette	196	-	1.0	4.1	24.0	35.2	23.0	11.2	1.0	0.5
Langlade	226	-	1.3	6.6	33.2	29.2	19.5	8.8	1.3	-
Lincoln	348	-	1.7	7.8	21.0	36.8	22.1	9.5	1.1	-
Manitowoc	855	0.1	1.3	6.9	21.6	33.9	22.2	11.9	1.9	0.1
Marathon	1,633	-	1.8	5.9	23.2	32.9	22.7	11.5	1.9	0.1
Marinette	411	0.2	1.9	8.3	31.9	29.0	17.8	9.2	1.7	-
Marquette	156	-	0.6	7.7	32.1	26.9	18.6	11.5	2.6	-
Menominee	117	1.7	8.5	10.3	36.8	25.6	8.5	7.7	0.9	-
Milwaukee	15,195	0.3	4.8	8.4	27.2	28.1	19.4	9.7	2.1	0.1
Monroe	633	0.2	1.4	7.4	31.8	29.5	16.7	10.3	2.2	0.5

(Continued)

Table 2-7. Percent of Births by Age of Mother and County of Residence, Wisconsin 2006

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Oconto	400	-	3.3	5.5	24.3	33.8	21.5	9.5	2.3	-
Oneida	296	-	1.7	6.1	22.0	34.1	18.9	13.9	2.7	0.3
Outagamie	2,252	0.0	1.6	4.0	20.2	33.9	27.6	11.1	1.6	-
Ozaukee	842	-	0.8	2.0	14.0	24.3	33.8	20.8	4.0	0.1
Pepin	95	-	-	3.2	22.1	37.9	24.2	9.5	3.2	-
Pierce	461	-	0.7	4.8	17.8	34.3	28.4	11.7	2.2	0.2
Polk	542	0.2	2.2	6.6	27.7	32.5	19.9	7.4	3.0	0.6
Portage	747	-	1.7	4.1	24.8	36.3	19.5	12.0	1.5	-
Price	107	-	2.8	5.6	27.1	29.9	23.4	8.4	2.8	-
Racine	2,652	0.2	3.8	7.2	26.2	29.9	21.3	9.4	1.9	0.0
Richland	229	-	1.7	4.4	29.3	30.1	23.1	9.6	1.3	0.4
Rock	2,125	0.4	2.6	7.2	28.8	29.7	20.7	8.5	2.0	0.0
Rusk	134	-	1.5	6.0	32.1	32.1	15.7	11.2	1.5	-
St. Croix	1,220	-	1.1	2.0	15.4	36.1	32.0	11.3	2.0	0.1
Sauk	796	-	1.9	6.9	26.1	30.0	22.7	10.4	1.8	0.1
Sawyer	223	-	4.0	6.7	31.8	26.5	23.8	5.8	1.3	-
Shawano	513	0.4	1.9	7.0	26.9	33.3	19.3	9.2	1.8	0.2
Sheboygan	1,422	-	2.7	5.3	22.2	32.3	23.6	11.3	2.6	0.2
Taylor	229	-	0.9	2.2	29.7	33.6	22.3	9.6	1.7	-
Trempealeau	333	-	1.8	6.3	26.7	35.4	20.4	7.8	1.5	-
Vernon	438	-	0.7	3.9	24.9	29.0	24.7	11.2	4.8	0.9
Vilas	204	-	2.0	5.4	28.4	27.0	20.6	15.2	1.5	-
Walworth	1,266	0.2	2.1	5.3	23.3	29.9	24.3	12.5	2.4	-
Washburn	198	-	1.5	6.1	28.8	33.3	16.7	11.1	2.5	-
Washington	1,537	-	0.7	3.2	16.4	31.9	28.5	16.3	2.9	0.1
Waukesha	4,140	-	0.8	3.0	13.5	26.8	32.8	19.3	3.6	0.3
Waupaca	566	-	1.4	6.9	26.9	32.7	21.2	8.0	2.8	0.2
Waushara	245	-	2.0	7.3	31.0	30.2	19.2	5.7	3.7	0.8
Winnebago	1,887	-	1.9	5.3	22.5	34.8	24.1	9.4	1.9	0.1
Wood	867	-	1.3	5.5	26.2	35.2	19.7	9.5	2.7	-

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Included in the total column are 16 births for which age of mother was not reported. A dash (-) indicates that there were no births in that category.

Table 2-8. Number of Births by Age of Mother and Region, Wisconsin 2006

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	72,302	92	1,840	4,168	17,163	22,235	16,886	8,200	1,611	91
DHFS Regions										
Southern	13,531	14	268	670	2,974	4,129	3,459	1,666	326	25
Southeastern	28,887	61	994	1,906	6,890	8,214	6,647	3,462	679	26
Northeastern	14,844	10	307	793	3,457	4,902	3,538	1,514	300	21
Western	9,640	7	175	489	2,455	3,199	2,115	977	205	16
Northern	5,400	-	96	310	1,387	1,791	1,127	581	101	3
Perinatal Regions										
South Central	15,207	18	313	745	3,337	4,667	3,874	1,878	353	22
Southeast	28,000	57	980	1,877	6,665	7,945	6,425	3,350	665	28
Fox Valley	7,206	2	120	351	1,630	2,432	1,806	718	137	9
Northeast	6,216	8	149	367	1,512	2,011	1,397	636	126	9
Western	8,715	6	146	435	2,199	2,860	1,964	888	197	18
North Central	5,500	-	92	300	1,401	1,852	1,144	598	105	4
Northwest	1,458	1	40	93	419	468	276	132	28	1

Table 2-9. Percent of Births by Age of Mother and Region, Wisconsin 2006

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	72,302	0.1%	2.5%	5.8%	23.7%	30.8%	23.4%	11.3%	2.2%	0.1%
DHFS Regions										
Southern	13,531	0.1	2.0	5.0	22.0	30.5	25.6	12.3	2.4	0.2
Southeastern	28,887	0.2	3.4	6.6	23.9	28.4	23.0	12.0	2.4	0.1
Northeastern	14,844	0.1	2.1	5.3	23.3	33.0	23.8	10.2	2.0	0.1
Western	9,640	0.1	1.8	5.1	25.5	33.2	21.9	10.1	2.1	0.2
Northern	5,400	-	1.8	5.7	25.7	33.2	20.9	10.8	1.9	0.1
Perinatal Regions										
South Central	15,207	0.1	2.1	4.9	21.9	30.7	25.5	12.3	2.3	0.1
Southeast	28,000	0.2	3.5	6.7	23.8	28.4	22.9	12.0	2.4	0.1
Fox Valley	7,206	0.0	1.7	4.9	22.6	33.7	25.1	10.0	1.9	0.1
Northeast	6,216	0.1	2.4	5.9	24.3	32.4	22.5	10.2	2.0	0.1
Western	8,715	0.1	1.7	5.0	25.2	32.8	22.5	10.2	2.3	0.2
North Central	5,500	-	1.7	5.5	25.5	33.7	20.8	10.9	1.9	0.1
Northwest	1,458	0.1	2.7	6.4	28.7	32.1	18.9	9.1	1.9	0.1

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Included in the totals are 16 births for which age of mother was not reported. A dash (-) indicates that there were no births in that category. Percents may not add to 100 due to rounding. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 105 and 106).

Table 2-10. Number of Births by Race/Ethnicity of Mother and County of Residence, Wisconsin 2006

County	Total	White	Black/Afr. American	Amer. Indian	Hispanic/Latino	Laotian/Hmong	Other Asian
Total	72,302	54,525	7,020	1,146	6,861	1,239	1,484
Adams	160	155	-	2	3	-	-
Ashland	203	165	-	30	6	-	2
Barron	566	526	10	9	15	-	6
Bayfield	138	106	-	30	1	-	1
Brown	3,441	2,612	72	181	415	97	64
Buffalo	151	146	-	-	4	-	1
Burnett	166	135	-	27	4	-	-
Calumet	690	638	3	4	25	14	6
Chippewa	809	782	4	4	7	9	3
Clark	570	529	1	8	32	-	-
Columbia	637	597	2	5	28	-	5
Crawford	195	190	1	- 1	2	-	1
Dane	6,104	4,497	482	39	648	102	332
Dodge	979	893	6	6	71	2	1
Door	248	240	1	-	5	-	2
Douglas	490	460	1	15	3	1	9
Dunn	521	487	3	1	11	12	7
Eau Claire	1,177	1,055	12	12	27	52	18
Florence	33	32	-	1	-	-	-
Fond du Lac	1,188	1,056	16	6	88	12	9
Forest	106	78	-	23	2	-	3
Grant	615	599	4	-	8	1	3
Green	435	414	1	-	17	-	3
Green Lake	222	203	1	1	15	1	1
Iowa	321	315	-	-	3	-	3
Iron	40	39	-	1	-	-	-
Jackson	251	214	-	28	8	-	1
Jefferson	1,043	885	7	1	143	-	7
Juneau	301	281	1	7	8	2	2
Kenosha	2,212	1,596	212	9	346	-	48
Kewaunee	231	215	-	3	11	1	1
La Crosse	1,323	1,161	20	15	16	78	32
Lafayette	196	188	1	-	7	-	-
Langlade	226	213	1	- 7	2	-	3
Lincoln	348	333	2	4	6	1	2
Manitowoc	855	754	9	4	51	32	5
Marathon	1,633	1,372	7	2	41	184	25
Marinette	411	401	-	1	7	-	2
Marquette	156	148	-	1	7	-	-
Menominee	117	8	1	101	7	-	-
Milwaukee	15,195	6,280	5,380	125	2,713	299	387
Monroe	633	571	3	6	48	1	4

(Continued)

Table 2-10. Number of Births by Race/Ethnicity of Mother and County of Residence, Wisconsin 2006

County	Total	White	Black/Afr. American	Amer. Indian	Hispanic/Latino	Laotian/Hmong	Other Asian
Oconto	400	382	1	-	8	7	2
Oneida	296	278	-	9	6	1	1
Outagamie	2,252	1,919	18	46	136	80	52
Ozaukee	842	804	6	2	16	-	14
Pepin	95	91	-	-	4	-	-
Pierce	461	448	1	1	7	1	3
Polk	542	524	1	-	9	6	2
Portage	747	658	3	2	33	40	11
Price	107	103	-	-	1	-	3
Racine	2,652	1,695	432	15	477	3	29
Richland	229	221	-	1	7	-	-
Rock	2,125	1,678	145	15	260	1	26
Rusk	134	131	-	-	1	-	2
St. Croix	1,220	1,140	10	10	39	8	13
Sauk	796	700	2	23	67	-	4
Sawyer	223	145	-	69	7	-	2
Shawano	513	422	2	63	21	-	5
Sheboygan	1,422	1,140	14	12	125	109	22
Taylor	229	222	-	1	4	-	2
Trempealeau	333	299	-	2	29	-	3
Vernon	438	428	-	2	6	1	1
Vilas	204	140	-	59	3	-	2
Walworth	1,266	1,016	7	4	231	1	7
Washburn	198	182	2	7	4	1	2
Washington	1,537	1,419	16	16	64	2	20
Waukesha	4,140	3,572	52	16	275	12	212
Waupaca	566	538	1	2	19	1	5
Waushara	245	209	1	2	33	-	-
Winnebago	1,887	1,660	33	19	86	62	27
Wood	867	792	9	11	26	15	13

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: See Technical Notes (page 107) for definition of race/ethnicity categories. Included in the totals are 27 births for which race/ethnicity of mother was not reported. A dash (-) indicates that there were no births in that category.

Table 2-11. Percent of Births by Race/Ethnicity of Mother and County of Residence, Wisconsin 2006

County	Total	White	Black/Afr. American	Amer. Indian	Hispanic/ Latino	Laotian/ Hmong	Other Asian
Total	72,302	75.4%	9.7%	1.6%	9.5%	1.7%	2.1%
Adams	160	96.9	-	1.3	1.9	-	-
Ashland	203	81.3	-	14.8	3.0	-	1.0
Barron	566	92.9	1.8	1.6	2.7	-	1.1
Bayfield	138	76.8	-	21.7	0.7	-	0.7
Brown	3,441	75.9	2.1	5.3	12.1	2.8	1.9
Buffalo	151	96.7	-	-	2.6	-	0.7
Burnett	166	81.3	-	16.3	2.4	-	-
Calumet	690	92.5	0.4	0.6	3.6	2.0	0.9
Chippewa	809	96.7	0.5	0.5	0.9	1.1	0.4
Clark	570	92.8	0.2	1.4	5.6	-	-
Columbia	637	93.7	0.3	0.8	4.4	-	0.8
Crawford	195	97.4	0.5	0.5	1.0	-	0.5
Dane	6,104	73.7	7.9	0.6	10.6	1.7	5.4
Dodge	979	91.2	0.6	0.6	7.3	0.2	0.1
Door	248	96.8	0.4	-	2.0	-	0.8
Douglas	490	93.9	0.2	3.1	0.6	0.2	1.8
Dunn	521	93.5	0.6	0.2	2.1	2.3	1.3
Eau Claire	1,177	89.6	1.0	1.0	2.3	4.4	1.5
Florence	33	97.0	-	3.0	-	-	-
Fond du Lac	1,188	88.9	1.3	0.5	7.4	1.0	0.8
Forest	106	73.6	-	21.7	1.9	-	2.8
Grant	615	97.4	0.7	-	1.3	0.2	0.5
Green	435	95.2	0.2	-	3.9	-	0.7
Green Lake	222	91.4	0.5	0.5	6.8	0.5	0.5
Iowa	321	98.1	-	-	0.9	-	0.9
Iron	40	97.5	-	2.5	-	-	-
Jackson	251	85.3	-	11.2	3.2	-	0.4
Jefferson	1,043	84.9	0.7	0.1	13.7	-	0.7
Juneau	301	93.4	0.3	2.3	2.7	0.7	0.7
Kenosha	2,212	72.2	9.6	0.4	15.6	-	2.2
Kewaunee	231	93.1	-	1.3	4.8	0.4	0.4
La Crosse	1,323	87.8	1.5	1.1	1.2	5.9	2.4
Lafayette	196	95.9	0.5	-	3.6	-	-
Langlade	226	94.2	0.4	3.1	0.9	-	1.3
Lincoln	348	95.7	0.6	1.1	1.7	0.3	0.6
Manitowoc	855	88.2	1.1	0.5	6.0	3.7	0.6
Marathon	1,633	84.0	0.4	0.1	2.5	11.3	1.5
Marinette	411	97.6	-	0.2	1.7	-	0.5
Marquette	156	94.9	-	0.6	4.5	-	-
Menominee	117	6.8	0.9	86.3	6.0	-	-
Milwaukee	15,195	41.3	35.4	0.8	17.9	2.0	2.5
Monroe	633	90.2	0.5	0.9	7.6	0.2	0.6

(Continued)

Table 2-11. Percent of Births by Race/Ethnicity of Mother and County of Residence, Wisconsin 2006

County	Total	White	Black/Afr. American	Amer. Indian	Hispanic/ Latino	Laotian/ Hmong	Other Asian
Oconto	400	95.5	0.3	2.0	1.8	-	0.5
Oneida	296	93.9	-	3.0	2.0	0.3	0.3
Outagamie	2,252	85.2	0.8	2.0	6.0	3.6	2.3
Ozaukee	842	95.5	0.7	0.2	1.9	-	1.7
Pepin	95	95.8	-	-	4.2	-	-
Pierce	461	97.2	0.2	0.2	1.5	0.2	0.7
Polk	542	96.7	0.2	1.7	1.1	-	0.4
Portage	747	88.1	0.4	0.3	4.4	5.4	1.5
Price	107	96.3	-	-	0.9	-	2.8
Racine	2,652	63.9	16.3	0.6	18.0	0.1	1.1
Richland	229	96.5	-	0.4	3.1	-	-
Rock	2,125	79.0	6.8	0.7	12.2	0.0	1.2
Rusk	134	97.8	-	-	0.7	-	1.5
St. Croix	1,220	93.4	0.8	0.8	3.2	0.7	1.1
Sauk	796	87.9	0.3	2.9	8.4	-	0.5
Sawyer	223	65.0	-	30.9	3.1	-	0.9
Shawano	513	82.3	0.4	12.3	4.1	-	1.0
Sheboygan	1,422	80.2	1.0	0.8	8.8	7.7	1.5
Taylor	229	96.9	-	0.4	1.7	-	0.9
Trempealeau	333	89.8	-	0.6	8.7	-	0.9
Vernon	438	97.7	-	0.5	1.4	0.2	0.2
Vilas	204	68.6	-	28.9	1.5	-	1.0
Walworth	1,266	80.3	0.6	0.3	18.2	0.1	0.6
Washburn	198	91.9	1.0	3.5	2.0	0.5	1.0
Washington	1,537	92.3	1.0	1.0	4.2	0.1	1.3
Waukesha	4,140	86.3	1.3	0.4	6.6	0.3	5.1
Waupaca	566	95.1	0.2	0.4	3.4	0.2	0.9
Waushara	245	85.3	0.4	0.8	13.5	-	-
Winnebago	1,887	88.0	1.7	1.0	4.6	3.3	1.4
Wood	867	91.3	1.0	1.3	3.0	1.7	1.5

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: See Technical Notes (page 107) for definition of race/ethnicity categories. Included in the totals are 27 births for which race/ethnicity of mother was not reported. A dash (-) indicates that there were no births in that category.

Table 2-12. Number of Births by Race/Ethnicity of Mother and Region, Wisconsin 2006

	Total	White	Black/Afr. American	Amer. Indian	Hispanic/ Latino	Laotian/ Hmong	Other Asian
Total	72,302	54,525	7,020	1,146	6,861	1,239	1,484
DHFS Regions							
Southern	13,531	11,156	645	101	1,135	109	381
Southeastern	28,887	17,267	6,112	188	4,265	317	724
Northeastern	14,844	12,545	173	454	1,058	409	203
Western	9,640	8,881	68	154	265	163	106
Northern	5,400	4,676	22	249	138	241	70
Perinatal Regions							
South Central	15,207	12,439	658	103	1,501	109	393
Southeast	28,000	16,506	6,112	195	4,016	425	732
Fox Valley	7,206	6,371	73	81	409	170	100
Northeast	6,216	5,034	86	361	524	130	81
Western	8,715	8,062	65	100	229	162	95
North Central	5,500	4,881	23	127	157	241	67
Northwest	1,458	1,232	3	179	25	2	16

Table 2-13. Percent of Births by Race/Ethnicity of Mother and Region, Wisconsin 2006

	Total	White	Black/Afr. American	Amer. Indian	Hispanic/ Latino	Laotian/ Hmong	Other Asian
Total	72,302	75.4%	9.7%	1.6%	9.5%	1.7%	2.1%
DHFS Regions							
Southern	13,531	82.4	4.8	0.7	8.4	0.8	2.8
Southeastern	28,887	59.8	21.2	0.7	14.8	1.1	2.5
Northeastern	14,844	84.5	1.2	3.1	7.1	2.8	1.4
Western	9,640	92.1	0.7	1.6	2.7	1.7	1.1
Northern	5,400	86.6	0.4	4.6	2.6	4.5	1.3
Perinatal Regions							
South Central	15,207	81.8	4.3	0.7	9.9	0.7	2.6
Southeast	28,000	59.0	21.8	0.7	14.3	1.5	2.6
Fox Valley	7,206	88.4	1.0	1.1	5.7	2.4	1.4
Northeast	6,216	81.0	1.4	5.8	8.4	2.1	1.3
Western	8,715	92.5	0.7	1.1	2.6	1.9	1.1
North Central	5,500	88.7	0.4	2.3	2.9	4.4	1.2
Northwest	1,458	84.5	0.2	12.3	1.7	0.1	1.1

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: See Technical Notes (page 107) for definition of race/ethnicity categories. Included in the totals are 27 births for which race/ethnicity of mother was not reported. Percents may not add to 100 due to rounding. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 105 and 106).

Table 2-14. Number of Births by Education of Mother and County of Residence, Wisconsin 2006

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Total	72,302	2,929	8,192	20,749	17,907	13,689	8,368
Adams	160	4	28	63	45	10	9
Ashland	203	2	24	75	69	21	12
Barron	566	29	54	187	186	70	40
Bayfield	138	-	6	39	55	21	17
Brown	3,441	165	430	953	831	679	373
Buffalo	151	5	17	44	47	29	9
Burnett	166	1	21	82	37	17	8
Calumet	690	13	31	162	181	191	110
Chippewa	809	38	58	277	259	126	50
Clark	570	199	54	152	102	50	12
Columbia	637	25	48	177	205	131	51
Crawford	195	2	15	73	65	19	20
Dane	6,104	195	457	1,126	1,282	1,657	1,354
Dodge	979	19	95	351	289	153	67
Door	248	-	27	86	59	48	27
Douglas	490	-	37	130	178	75	68
Dunn	521	9	32	158	159	103	60
Eau Claire	1,177	59	82	326	342	224	141
Florence	33	-	3	15	11	4	-
Fond du Lac	1,188	19	137	380	333	214	99
Forest	106	-	18	46	24	11	7
Grant	615	60	26	148	206	114	60
Green	435	8	37	131	131	84	41
Green Lake	222	39	18	77	55	18	15
Iowa	321	3	25	92	96	67	38
Iron	40	-	4	10	20	4	2
Jackson	251	22	29	99	62	23	16
Jefferson	1,043	37	102	316	278	190	117
Juneau	301	5	45	129	77	29	16
Kenosha	2,212	78	243	742	537	372	209
Kewaunee	231	5	16	67	91	27	25
La Crosse	1,323	23	77	328	397	324	164
Lafayette	196	17	8	49	65	30	26
Langlade	226	1	33	94	55	22	20
Lincoln	348	2	25	129	119	52	18
Manitowoc	855	20	83	277	247	161	66
Marathon	1,633	83	92	507	502	313	115
Marinette	411	6	53	149	134	47	21
Marquette	156	11	20	71	28	19	6
Menominee	117	5	30	46	33	1	1
Milwaukee	15,195	778	3,124	4,527	2,960	2,280	1,397
Monroe	633	98	71	200	162	62	37

(Continued)

Table 2-14. Number of Births by Education of Mother and County of Residence, Wisconsin 2006

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Oconto	400	5	50	133	132	49	31
Oneida	296	-	24	91	106	42	32
Outagamie	2,252	54	153	663	567	491	314
Ozaukee	842	4	25	136	191	272	206
Pepin	95	11	4	29	24	12	15
Pierce	461	2	7	130	135	117	68
Polk	542	2	43	198	171	67	58
Portage	747	4	56	222	229	141	92
Price	107	1	7	46	28	14	11
Racine	2,652	115	450	755	659	418	238
Richland	229	16	24	80	66	28	15
Rock	2,125	104	338	667	544	277	142
Rusk	134	6	18	46	46	11	7
St. Croix	1,220	4	45	244	318	348	248
Sauk	796	50	97	269	199	116	63
Sawyer	223	5	28	77	66	27	16
Shawano	513	12	53	199	151	57	39
Sheboygan	1,422	49	142	466	354	250	148
Taylor	229	24	13	81	70	36	5
Trempealeau	333	29	34	92	103	49	25
Vernon	438	115	17	111	100	60	32
Vilas	204	1	22	74	57	27	23
Walworth	1,266	73	156	379	301	208	142
Washburn	198	1	16	73	67	22	17
Washington	1,537	10	63	395	436	424	207
Waukesha	4,140	52	152	800	872	1,395	846
Waupaca	566	14	55	223	136	80	55
Waushara	245	32	28	96	47	20	22
Winnebago	1,887	36	169	606	451	375	236
Wood	867	13	68	278	267	164	71

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: "Some High School" or "Some College" means the mother completed at least one year of schooling at that level. Included in the totals are 468 births for which education of mother was not reported. A dash (-) indicates that there were no births in that category.

Table 2-15. Percent of Births by Education of Mother and County of Residence, Wisconsin 2006

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Total	72,302	4.1%	11.3%	28.7%	24.8%	18.9%	11.6%
Adams	160	2.5	17.5	39.4	28.1	6.3	5.6
Ashland	203	1.0	11.8	36.9	34.0	10.3	5.9
Barron	566	5.1	9.5	33.0	32.9	12.4	7.1
Bayfield	138	-	4.3	28.3	39.9	15.2	12.3
Brown	3,441	4.8	12.5	27.7	24.1	19.7	10.8
Buffalo	151	3.3	11.3	29.1	31.1	19.2	6.0
Burnett	166	0.6	12.7	49.4	22.3	10.2	4.8
Calumet	690	1.9	4.5	23.5	26.2	27.7	15.9
Chippewa	809	4.7	7.2	34.2	32.0	15.6	6.2
Clark	570	34.9	9.5	26.7	17.9	8.8	2.1
Columbia	637	3.9	7.5	27.8	32.2	20.6	8.0
Crawford	195	1.0	7.7	37.4	33.3	9.7	10.3
Dane	6,104	3.2	7.5	18.4	21.0	27.1	22.2
Dodge	979	1.9	9.7	35.9	29.5	15.6	6.8
Door	248	-	10.9	34.7	23.8	19.4	10.9
Douglas	490	-	7.6	26.5	36.3	15.3	13.9
Dunn	521	1.7	6.1	30.3	30.5	19.8	11.5
Eau Claire	1,177	5.0	7.0	27.7	29.1	19.0	12.0
Florence	33	-	9.1	45.5	33.3	12.1	-
Fond du Lac	1,188	1.6	11.5	32.0	28.0	18.0	8.3
Forest	106	-	17.0	43.4	22.6	10.4	6.6
Grant	615	9.8	4.2	24.1	33.5	18.5	9.8
Green	435	1.8	8.5	30.1	30.1	19.3	9.4
Green Lake	222	17.6	8.1	34.7	24.8	8.1	6.8
Iowa	321	0.9	7.8	28.7	29.9	20.9	11.8
Iron	40	-	10.0	25.0	50.0	10.0	5.0
Jackson	251	8.8	11.6	39.4	24.7	9.2	6.4
Jefferson	1,043	3.5	9.8	30.3	26.7	18.2	11.2
Juneau	301	1.7	15.0	42.9	25.6	9.6	5.3
Kenosha	2,212	3.5	11.0	33.5	24.3	16.8	9.4
Kewaunee	231	2.2	6.9	29.0	39.4	11.7	10.8
La Crosse	1,323	1.7	5.8	24.8	30.0	24.5	12.4
Lafayette	196	8.7	4.1	25.0	33.2	15.3	13.3
Langlade	226	0.4	14.6	41.6	24.3	9.7	8.8
Lincoln	348	0.6	7.2	37.1	34.2	14.9	5.2
Manitowoc	855	2.3	9.7	32.4	28.9	18.8	7.7
Marathon	1,633	5.1	5.6	31.0	30.7	19.2	7.0
Marinette	411	1.5	12.9	36.3	32.6	11.4	5.1
Marquette	156	7.1	12.8	45.5	17.9	12.2	3.8
Menominee	117	4.3	25.6	39.3	28.2	0.9	0.9
Milwaukee	15,195	5.1	20.6	29.8	19.5	15.0	9.2
Monroe	633	15.5	11.2	31.6	25.6	9.8	5.8

(Continued)

Table 2-15. Percent of Births by Education of Mother and County of Residence, Wisconsin 2006

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Oconto	400	1.3	12.5	33.3	33.0	12.3	7.8
Oneida	296	-	8.1	30.7	35.8	14.2	10.8
Outagamie	2,252	2.4	6.8	29.4	25.2	21.8	13.9
Ozaukee	842	0.5	3.0	16.2	22.7	32.3	24.5
Pepin	95	11.6	4.2	30.5	25.3	12.6	15.8
Pierce	461	0.4	1.5	28.2	29.3	25.4	14.8
Polk	542	0.4	7.9	36.5	31.5	12.4	10.7
Portage	747	0.5	7.5	29.7	30.7	18.9	12.3
Price	107	0.9	6.5	43.0	26.2	13.1	10.3
Racine	2,652	4.3	17.0	28.5	24.8	15.8	9.0
Richland	229	7.0	10.5	34.9	28.8	12.2	6.6
Rock	2,125	4.9	15.9	31.4	25.6	13.0	6.7
Rusk	134	4.5	13.4	34.3	34.3	8.2	5.2
St. Croix	1,220	0.3	3.7	20.0	26.1	28.5	20.3
Sauk	796	6.3	12.2	33.8	25.0	14.6	7.9
Sawyer	223	2.2	12.6	34.5	29.6	12.1	7.2
Shawano	513	2.3	10.3	38.8	29.4	11.1	7.6
Sheboygan	1,422	3.4	10.0	32.8	24.9	17.6	10.4
Taylor	229	10.5	5.7	35.4	30.6	15.7	2.2
Trempealeau	333	8.7	10.2	27.6	30.9	14.7	7.5
Vernon	438	26.3	3.9	25.3	22.8	13.7	7.3
Vilas	204	0.5	10.8	36.3	27.9	13.2	11.3
Walworth	1,266	5.8	12.3	29.9	23.8	16.4	11.2
Washburn	198	0.5	8.1	36.9	33.8	11.1	8.6
Washington	1,537	0.7	4.1	25.7	28.4	27.6	13.5
Waukesha	4,140	1.3	3.7	19.3	21.1	33.7	20.4
Waupaca	566	2.5	9.7	39.4	24.0	14.1	9.7
Waushara	245	13.1	11.4	39.2	19.2	8.2	9.0
Winnebago	1,887	1.9	9.0	32.1	23.9	19.9	12.5
Wood	867	1.5	7.8	32.1	30.8	18.9	8.2

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: "Some High School" or "Some College" means the mother completed at least one year of schooling at that level. Included in the totals are 468 births for which education of mother was not reported. A dash (-) indicates that there were no births in that category.

Table 2-16. Number of Births by Education of Mother and Region, Wisconsin 2006

	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Total	72,302	2,929	8,192	20,749	17,907	13,689	8,368
DHFS Regions							
Southern	13,531	623	1,260	3,466	3,370	2,775	1,934
Southeastern	28,887	1,147	4,315	8,050	6,234	5,559	3,362
Northeastern	14,844	485	1,495	4,654	3,830	2,727	1,588
Western	9,640	538	699	2,795	2,795	1,729	1,043
Northern	5,400	136	423	1,784	1,678	899	441
Perinatal Regions							
South Central	15,207	616	1,486	3,977	3,784	3,094	2,141
Southeast	28,000	1,086	4,199	7,821	6,009	5,411	3,251
Fox Valley	7,206	218	611	2,278	1,798	1,408	857
Northeast	6,216	218	742	1,910	1,678	1,069	583
Western	8,715	448	585	2,496	2,530	1,633	983
North Central	5,500	334	433	1,781	1,616	887	413
Northwest	1,458	9	136	486	492	187	140

Table 2-17. Percent of Births by Education of Mother and Region, Wisconsin 2006

	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Total	72,302	4.1%	11.3%	28.7%	24.8%	18.9%	11.6%
DHFS Regions							
Southern	13,531	4.6	9.3	25.6	24.9	20.5	14.3
Southeastern	28,887	4.0	14.9	27.9	21.6	19.2	11.6
Northeastern	14,844	3.3	10.1	31.4	25.8	18.4	10.7
Western	9,640	5.6	7.3	29.0	29.0	17.9	10.8
Northern	5,400	2.5	7.8	33.0	31.1	16.6	8.2
Perinatal Regions							
South Central	15,207	4.1	9.8	26.2	24.9	20.3	14.1
Southeast	28,000	3.9	15.0	27.9	21.5	19.3	11.6
Fox Valley	7,206	3.0	8.5	31.6	25.0	19.5	11.9
Northeast	6,216	3.5	11.9	30.7	27.0	17.2	9.4
Western	8,715	5.1	6.7	28.6	29.0	18.7	11.3
North Central	5,500	6.1	7.9	32.4	29.4	16.1	7.5
Northwest	1,458	0.6	9.3	33.3	33.7	12.8	9.6

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: "Some High School" or "Some College" means the mother completed at least one year of schooling at that level. Included in the totals are 468 births for which education of mother was not reported. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 105 and 106).

Table 2-18. Number of Births to Unmarried Mothers by Age and County of Residence, Wisconsin 2006

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Total	24,809	91	1,715	3,487	10,195	5,655	2,335	1,036	295
Adams	67	-	9	9	29	12	4	3	1
Ashland	82	-	2	10	38	21	5	6	-
Barron	193	-	8	29	85	51	11	9	-
Bayfield	59	-	n/s	4	27	11	8	7	-
Brown	1,179	n/s	78	159	509	260	106	48	17
Buffalo	40	-	n/s	8	20	7	2	1	-
Burnett	81	-	5	11	34	19	7	4	n/s
Calumet	111	-	n/s	14	53	27	8	7	-
Chippewa	215	n/s	16	24	103	39	22	8	2
Clark	109	-	12	17	47	25	4	4	-
Columbia	186	n/s	9	27	69	44	17	16	3
Crawford	58	-	n/s	10	29	9	2	3	n/s
Dane	1,645	n/s	103	185	627	427	196	78	25
Dodge	275	-	23	44	109	64	28	6	1
Door	68	-	6	10	28	15	6	2	1
Douglas	198	n/s	14	24	74	51	19	12	3
Dunn	134	-	5	14	69	25	7	10	4
Eau Claire	393	n/s	17	44	182	98	33	14	4
Florence	5	-	-	n/s	4	-	-	-	-
Fond du Lac	356	n/s	29	47	151	85	27	13	3
Forest	53	-	n/s	12	25	6	7	-	n/s
Grant	158	-	6	23	60	41	16	8	4
Green	130	-	6	26	53	25	15	2	3
Green Lake	49	-	n/s	6	26	8	1	3	n/s
Iowa	87	-	6	16	38	17	9	1	-
Iron	11	-	n/s	n/s	6	-	2	-	-
Jackson	96	n/s	5	17	46	19	7	1	-
Jefferson	281	n/s	21	27	135	60	19	13	4
Juneau	130	-	10	21	54	29	12	3	n/s
Kenosha	863	n/s	57	128	368	187	75	37	10
Kewaunee	50	-	n/s	4	26	7	5	3	1
La Crosse	363	-	26	48	155	74	29	21	10
Lafayette	44	-	n/s	5	23	10	3	1	-
Langlade	91	-	n/s	11	42	21	11	2	n/s
Lincoln	120	-	6	25	42	30	11	4	n/s
Manitowoc	208	n/s	9	43	80	47	15	11	2
Marathon	423	-	21	61	163	115	37	19	7
Marinette	160	n/s	8	27	64	35	14	8	3
Marquette	52	-	n/s	10	22	10	3	5	n/s
Menominee	92	n/s	9	11	39	21	6	3	n/s
Milwaukee	8,180	50	700	1,176	3,161	1,856	802	337	98
Monroe	220	n/s	8	36	101	49	18	5	2

(Continued)

Table 2-18. Number of Births to Unmarried Mothers by Age and County of Residence, Wisconsin 2006

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Oconto	123	-	13	17	55	23	10	4	1
Oneida	82	-	4	13	29	27	3	5	1
Outagamie	520	n/s	31	65	227	118	54	20	4
Ozaukee	119	-	7	13	53	23	13	8	2
Pepin	27	-	-	n/s	13	10	1	1	-
Pierce	107	-	n/s	20	45	23	9	6	1
Polk	179	n/s	12	27	79	39	13	7	1
Portage	174	-	10	18	85	43	12	5	1
Price	32	-	n/s	4	13	7	3	2	-
Racine	1,149	6	101	168	482	249	104	29	10
Richland	68	-	n/s	8	32	13	8	2	n/s
Rock	923	9	53	135	383	212	94	30	7
Rusk	44	-	n/s	7	19	6	3	6	n/s
St. Croix	227	-	13	18	97	62	25	11	1
Sauk	259	-	15	44	116	55	23	4	2
Sawyer	106	-	9	11	38	24	19	5	-
Shawano	169	n/s	10	28	73	39	11	5	1
Sheboygan	396	-	29	57	154	90	45	18	3
Taylor	51	-	n/s	4	28	11	4	2	-
Trempealeau	112	-	5	16	46	28	10	6	1
Vernon	81	-	n/s	14	39	13	9	2	1
Vilas	80	-	n/s	9	41	17	7	1	n/s
Walworth	368	n/s	24	51	162	80	31	14	4
Washburn	69	-	n/s	9	25	23	5	4	-
Washington	307	-	11	41	121	70	38	22	4
Waukesha	711	-	31	108	281	160	78	40	13
Waupaca	151	-	8	26	72	31	7	5	2
Waushara	74	-	5	12	31	17	2	5	2
Winnebago	522	-	28	82	224	124	37	21	6
Wood	264	-	11	34	116	61	28	8	6

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: A dash (-) indicates that there were no births to unmarried women in this age group. An n/s indicates that births to unmarried women are not shown, and at least one but fewer than five *total* births (to married and unmarried mothers) occurred in the age group (see Table 2-6).

Table 2-19. Percent of Births to Unmarried Mothers by Age and County of Residence, Wisconsin 2006

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Total	24,809	0.4%	6.9%	14.1%	41.1%	22.8%	9.4%	4.2%	1.2%
Adams	67	-	13.4	13.4	43.3	17.9	6.0	4.5	1.5
Ashland	82	-	2.4	12.2	46.3	25.6	6.1	7.3	-
Barron	193	-	4.1	15.0	44.0	26.4	5.7	4.7	-
Bayfield	59	-	n/s	6.8	45.8	18.6	13.6	11.9	-
Brown	1,179	n/s	6.6	13.5	43.2	22.1	9.0	4.1	1.4
Buffalo	40	-	n/s	20.0	50.0	17.5	5.0	2.5	-
Burnett	81	-	6.2	13.6	42.0	23.5	8.6	4.9	n/s
Calumet	111	-	n/s	12.6	47.7	24.3	7.2	6.3	-
Chippewa	215	n/s	7.4	11.2	47.9	18.1	10.2	3.7	0.9
Clark	109	-	11.0	15.6	43.1	22.9	3.7	3.7	-
Columbia	186	n/s	4.8	14.5	37.1	23.7	9.1	8.6	1.6
Crawford	58	-	n/s	17.2	50.0	15.5	3.4	5.2	n/s
Dane	1,645	n/s	6.3	11.2	38.1	26.0	11.9	4.7	1.5
Dodge	275	-	8.4	16.0	39.6	23.3	10.2	2.2	0.4
Door	68	-	8.8	14.7	41.2	22.1	8.8	2.9	1.5
Douglas	198	n/s	7.1	12.1	37.4	25.8	9.6	6.1	1.5
Dunn	134	-	3.7	10.4	51.5	18.7	5.2	7.5	3.0
Eau Claire	393	n/s	4.3	11.2	46.3	24.9	8.4	3.6	1.0
Florence	5	-	-	n/s	80.0	-	-	-	-
Fond du Lac	356	n/s	8.1	13.2	42.4	23.9	7.6	3.7	0.8
Forest	53	-	n/s	22.6	47.2	11.3	13.2	-	n/s
Grant	158	-	3.8	14.6	38.0	25.9	10.1	5.1	2.5
Green	130	-	4.6	20.0	40.8	19.2	11.5	1.5	2.3
Green Lake	49	-	n/s	12.2	53.1	16.3	2.0	6.1	n/s
Iowa	87	-	6.9	18.4	43.7	19.5	10.3	1.1	-
Iron	11	-	n/s	n/s	54.5	-	18.2	-	-
Jackson	96	n/s	5.2	17.7	47.9	19.8	7.3	1.0	-
Jefferson	281	n/s	7.5	9.6	48.0	21.4	6.8	4.6	1.4
Juneau	130	-	7.7	16.2	41.5	22.3	9.2	2.3	n/s
Kenosha	863	n/s	6.6	14.8	42.6	21.7	8.7	4.3	1.2
Kewaunee	50	-	n/s	8.0	52.0	14.0	10.0	6.0	2.0
La Crosse	363	-	7.2	13.2	42.7	20.4	8.0	5.8	2.8
Lafayette	44	-	n/s	11.4	52.3	22.7	6.8	2.3	-
Langlade	91	-	n/s	12.1	46.2	23.1	12.1	2.2	n/s
Lincoln	120	-	5.0	20.8	35.0	25.0	9.2	3.3	n/s
Manitowoc	208	n/s	4.3	20.7	38.5	22.6	7.2	5.3	1.0
Marathon	423	-	5.0	14.4	38.5	27.2	8.7	4.5	1.7
Marinette	160	n/s	5.0	16.9	40.0	21.9	8.8	5.0	1.9
Marquette	52	-	n/s	19.2	42.3	19.2	5.8	9.6	n/s
Menominee	92	n/s	9.8	12.0	42.4	22.8	6.5	3.3	n/s
Milwaukee	8,180	0.6	8.6	14.4	38.6	22.7	9.8	4.1	1.2
Monroe	220	n/s	3.6	16.4	45.9	22.3	8.2	2.3	0.9

(Continued)

Table 2-19. Percent of Births to Unmarried Mothers by Age and County of Residence, Wisconsin 2006

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Oconto	123	-	10.6	13.8	44.7	18.7	8.1	3.3	0.8
Oneida	82	-	4.9	15.9	35.4	32.9	3.7	6.1	1.2
Outagamie	520	n/s	6.0	12.5	43.7	22.7	10.4	3.8	0.8
Ozaukee	119	-	5.9	10.9	44.5	19.3	10.9	6.7	1.7
Pepin	27	-	-	n/s	48.1	37.0	3.7	3.7	-
Pierce	107	-	n/s	18.7	42.1	21.5	8.4	5.6	0.9
Polk	179	n/s	6.7	15.1	44.1	21.8	7.3	3.9	0.6
Portage	174	-	5.7	10.3	48.9	24.7	6.9	2.9	0.6
Price	32	-	n/s	12.5	40.6	21.9	9.4	6.3	-
Racine	1,149	0.5	8.8	14.6	41.9	21.7	9.1	2.5	0.9
Richland	68	-	n/s	11.8	47.1	19.1	11.8	2.9	n/s
Rock	923	1.0	5.7	14.6	41.5	23.0	10.2	3.3	0.8
Rusk	44	-	n/s	15.9	43.2	13.6	6.8	13.6	n/s
St. Croix	227	-	5.7	7.9	42.7	27.3	11.0	4.8	0.4
Sauk	259	-	5.8	17.0	44.8	21.2	8.9	1.5	0.8
Sawyer	106	-	8.5	10.4	35.8	22.6	17.9	4.7	-
Shawano	169	n/s	5.9	16.6	43.2	23.1	6.5	3.0	0.6
Sheboygan	396	-	7.3	14.4	38.9	22.7	11.4	4.5	0.8
Taylor	51	-	n/s	7.8	54.9	21.6	7.8	3.9	-
Trempealeau	112	-	4.5	14.3	41.1	25.0	8.9	5.4	0.9
Vernon	81	-	n/s	17.3	48.1	16.0	11.1	2.5	1.2
Vilas	80	-	n/s	11.3	51.3	21.3	8.8	1.3	n/s
Walworth	368	n/s	6.5	13.9	44.0	21.7	8.4	3.8	1.1
Washburn	69	-	n/s	13.0	36.2	33.3	7.2	5.8	-
Washington	307	-	3.6	13.4	39.4	22.8	12.4	7.2	1.3
Waukesha	711	-	4.4	15.2	39.5	22.5	11.0	5.6	1.8
Waupaca	151	-	5.3	17.2	47.7	20.5	4.6	3.3	1.3
Waushara	74	-	6.8	16.2	41.9	23.0	2.7	6.8	2.7
Winnebago	522	-	5.4	15.7	42.9	23.8	7.1	4.0	1.1
Wood	264	-	4.2	12.9	43.9	23.1	10.6	3.0	2.3

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: A dash (-) indicates that there were no births to unmarried women in this age group. An n/s indicates that births to unmarried women are not shown, and at least one but fewer than five *total* births (to married and unmarried mothers) occurred in the age group (see Table 2-6).

Table 2-20. Number of Births to Unmarried Mothers by Age and Region, Wisconsin 2006

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Total	24,809	91	1,715	3,487	10,195	5,655	2,335	1,036	295
DHFS Regions									
Southern	4,111	14	253	567	1,661	971	436	159	50
Southeastern	11,978	61	952	1,712	4,763	2,685	1,160	500	145
Northeastern	4,280	10	274	618	1,834	957	357	181	49
Western	2,807	6	156	371	1,240	648	225	130	31
Northern	1,633	-	80	219	697	394	157	66	20
Perinatal Regions									
South Central	4,621	18	291	621	1,890	1,089	475	181	56
Southeast	11,725	57	936	1,691	4,620	2,635	1,155	491	140
Fox Valley	1,835	n/s	108	262	806	420	139	79	19
Northeast	2,049	8	137	299	874	447	173	84	27
Western	2,445	5	127	327	1,109	546	198	105	28
North Central	1,528	-	80	216	654	369	130	58	21
Northwest	606	n/s	36	71	242	149	65	38	4

Table 2-21. Percent of Births to Unmarried Mothers by Age and Region, Wisconsin 2006

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Total	24,809	0.4%	6.9%	14.1%	41.1%	22.8%	9.4%	4.2%	1.2%
DHFS Regions									
Southern	4,111	0.3	6.2	13.8	40.4	23.6	10.6	3.9	1.2
Southeastern	11,978	0.5	7.9	14.3	39.8	22.4	9.7	4.2	1.2
Northeastern	4,280	0.2	6.4	14.4	42.9	22.4	8.3	4.2	1.1
Western	2,807	0.2	5.6	13.2	44.2	23.1	8.0	4.6	1.1
Northern	1,633	-	4.9	13.4	42.7	24.1	9.6	4.0	1.2
Perinatal Regions									
South Central	4,621	0.4	6.3	13.4	40.9	23.6	10.3	3.9	1.2
Southeast	11,725	0.5	8.0	14.4	39.4	22.5	9.9	4.2	1.2
Fox Valley	1,835	n/s	5.9	14.3	43.9	22.9	7.6	4.3	1.0
Northeast	2,049	0.4	6.7	14.6	42.7	21.8	8.4	4.1	1.3
Western	2,445	0.2	5.2	13.4	45.4	22.3	8.1	4.3	1.1
North Central	1,528	-	5.2	14.1	42.8	24.1	8.5	3.8	1.4
Northwest	606	n/s	5.9	11.7	39.9	24.6	10.7	6.3	0.7

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 105 and 106). An n/s indicates that births to unmarried women are not shown, and at least one but fewer than five *total* births (to married and unmarried mothers) occurred in the age group (see Table 2-8).

Table 2-22. Births by Trimester Prenatal Care Began and County of Residence, Wisconsin 2006

County	Total	Trimester Prenatal Care Began				No Care	Percent That Received First-Trimester Care		
		First	Second	Third	2006		2005	2004	
Total	72,302	60,610	8,893	1,631	588	83.8%	85.0%	85.1%	
Adams	160	117	36	7	-	73.1	76.1	79.6	
Ashland	203	178	17	6	2	87.7	88.4	83.2	
Barron	566	462	78	20	3	81.6	83.0	85.2	
Bayfield	138	123	14	1	-	89.1	89.3	87.9	
Brown	3,441	2,976	354	77	23	86.5	86.5	85.3	
Buffalo	151	127	19	4	1	84.1	92.5	90.3	
Burnett	166	133	23	6	3	80.1	79.2	77.8	
Calumet	690	605	63	10	1	87.7	89.8	88.7	
Chippewa	809	692	102	11	1	85.5	87.1	86.8	
Clark	570	340	184	39	1	59.6	59.0	58.9	
Columbia	637	551	66	13	4	86.5	86.7	84.1	
Crawford	195	158	30	5	1	81.0	83.1	76.3	
Dane	6,104	5,432	524	81	24	89.0	87.9	88.0	
Dodge	979	851	103	17	7	86.9	87.3	88.7	
Door	248	210	32	2	2	84.7	89.1	89.2	
Douglas	490	442	40	7	1	90.2	88.6	87.0	
Dunn	521	421	79	16	3	80.8	83.0	85.9	
Eau Claire	1,177	941	188	35	6	79.9	84.0	84.3	
Florence	33	29	4	-	-	87.9	94.6	87.9	
Fond du Lac	1,188	1,005	126	29	1	84.6	88.1	86.5	
Forest	106	86	15	5	-	81.1	82.5	83.3	
Grant	615	484	101	22	6	78.7	81.6	78.1	
Green	435	377	45	8	1	86.7	89.3	90.6	
Green Lake	222	155	44	23	-	69.8	69.6	73.8	
Iowa	321	283	28	5	1	88.2	90.3	91.3	
Iron	40	34	5	1	-	85.0	95.6	95.2	
Jackson	251	187	48	10	2	74.5	68.4	77.0	
Jefferson	1,043	877	137	22	3	84.1	86.6	85.9	
Juneau	301	243	46	11	1	80.7	83.0	80.9	
Kenosha	2,212	1,853	265	54	27	83.8	86.7	85.9	
Kewaunee	231	206	19	4	2	89.2	92.7	86.0	
La Crosse	1,323	1,121	174	21	5	84.7	85.5	83.8	
Lafayette	196	163	27	6	-	83.2	81.6	78.9	
Langlade	226	182	40	1	3	80.5	85.6	84.7	
Lincoln	348	296	40	5	3	85.1	84.7	90.2	
Manitowoc	855	748	82	16	5	87.5	82.7	89.1	
Marathon	1,633	1,287	282	30	5	78.8	83.1	80.5	
Marinette	411	336	61	8	4	81.8	82.2	83.9	
Marquette	156	123	28	4	1	78.8	79.7	78.2	
Menominee	117	82	29	4	2	70.1	67.3	70.6	
Milwaukee	15,195	12,105	2,260	399	247	79.7	81.2	82.4	
Monroe	633	463	109	45	9	73.1	73.0	73.3	

(Continued)

Table 2-22. Births by Trimester Prenatal Care Began and County of Residence, Wisconsin 2006

County	Total	Trimester Prenatal Care Began				No Care	Percent That Received First-Trimester Care		
		First	Second	Third	2006		2005	2004	
Oconto	400	348	45	4	2	87.0	89.9	90.3	
Oneida	296	267	21	4	3	90.2	91.3	89.8	
Outagamie	2,252	1,955	238	35	9	86.8	88.3	89.0	
Ozaukee	842	788	34	8	6	93.6	93.0	95.2	
Pepin	95	72	14	7	2	75.8	70.7	78.0	
Pierce	461	395	48	7	1	85.7	87.1	88.2	
Polk	542	451	74	8	-	83.2	84.0	83.9	
Portage	747	652	72	10	3	87.3	88.8	84.4	
Price	107	87	17	1	1	81.3	81.5	83.2	
Racine	2,652	2,046	443	103	41	77.1	82.6	82.8	
Richland	229	182	30	15	1	79.5	80.7	80.5	
Rock	2,125	1,820	236	34	17	85.6	86.8	87.6	
Rusk	134	115	16	2	-	85.8	85.3	81.3	
St. Croix	1,220	1,055	119	13	5	86.5	87.9	89.1	
Sauk	796	670	88	28	5	84.2	85.5	84.8	
Sawyer	223	162	48	7	2	72.6	83.9	75.0	
Shawano	513	445	55	10	2	86.7	82.0	78.0	
Sheboygan	1,422	1,193	185	36	3	83.9	88.1	86.3	
Taylor	229	189	34	4	2	82.5	78.9	73.8	
Trempealeau	333	268	52	11	2	80.5	82.2	81.3	
Vernon	438	277	85	67	4	63.2	62.3	64.6	
Vilas	204	164	32	6	2	80.4	86.0	79.8	
Walworth	1,266	1,091	139	20	9	86.2	84.0	83.3	
Washburn	198	164	29	3	2	82.8	83.2	85.7	
Washington	1,537	1,394	120	9	4	90.7	93.1	92.7	
Waukesha	4,140	3,845	230	22	23	92.9	94.2	94.4	
Waupaca	566	478	66	14	2	84.5	83.8	85.4	
Waushara	245	195	43	5	-	79.6	76.3	69.6	
Winnebago	1,887	1,631	203	35	10	86.4	86.3	84.9	
Wood	867	727	110	13	14	83.9	80.1	79.2	

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Included in the totals are 580 births for which prenatal care initiation was not reported. A dash (-) indicates that there were no births in that category.

Table 2-23. Births by Trimester Prenatal Care Began and Region, Wisconsin 2006

	Total	Trimester Prenatal Care Began				Percent That Received First-Trimester Care		
		First	Second	Third	No Care	2006	2005	2004
Total	72,302	60,610	8,893	1,631	588	83.8%	85.0%	85.1%
DHFS Regions								
Southern	13,531	11,608	1,445	319	72	85.8	86.0	85.8
Southeastern	28,887	23,999	3,628	637	360	83.1	84.9	85.7
Northeastern	14,844	12,691	1,673	316	69	85.5	86.2	85.7
Western	9,640	7,849	1,396	265	47	81.4	82.4	82.8
Northern	5,400	4,463	751	94	40	82.6	84.5	82.2
Perinatal Regions								
South Central	15,207	13,141	1,606	289	79	86.4	86.6	86.4
Southeast	28,000	23,224	3,537	631	351	82.9	85.1	85.8
Fox Valley	7,206	6,147	811	155	24	85.3	86.4	85.8
Northeast	6,216	5,351	677	125	42	86.1	85.5	85.4
Western	8,715	7,090	1,219	280	45	81.4	82.7	83.2
North Central	5,500	4,421	867	120	37	80.4	81.5	79.7
Northwest	1,458	1,236	176	31	10	84.8	86.4	84.0

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Included in the totals are 580 births for which prenatal care initiation was not reported. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 105 and 106).

Table 2-24. Births by Number of Prenatal Care Visits and County of Residence, Wisconsin 2006

County	Total	Number of Prenatal Care Visits					Percent of Births With <10 Visits
		No Visits	1-4	5-9	10-12	13+	
Total	72,302	583	1,936	13,895	31,549	23,449	22.7%
Adams	160	-	5	40	76	38	28.1
Ashland	203	2	2	38	76	85	20.7
Barron	566	3	20	119	310	112	25.1
Bayfield	138	-	6	28	48	56	24.6
Brown	3,441	23	54	628	1,560	1,159	20.5
Buffalo	151	1	4	29	70	47	22.5
Burnett	166	3	9	45	62	47	34.3
Calumet	690	1	11	141	327	201	22.2
Chippewa	809	1	38	295	322	149	41.3
Clark	570	1	82	231	157	95	55.1
Columbia	637	4	13	155	279	184	27.0
Crawford	195	1	3	24	100	62	14.4
Dane	6,104	24	77	1,186	2,600	2,159	21.1
Dodge	979	7	15	171	421	359	19.7
Door	248	2	3	44	111	88	19.8
Douglas	490	1	8	123	250	108	26.9
Dunn	521	3	20	150	232	111	33.2
Eau Claire	1,177	6	51	247	519	344	25.8
Florence	33	-	1	2	18	12	9.1
Fond du Lac	1,188	1	39	517	427	196	46.9
Forest	106	-	3	19	40	44	20.8
Grant	615	6	45	167	260	135	35.4
Green	435	1	7	67	183	174	17.2
Green Lake	222	-	10	62	80	69	32.4
Iowa	321	1	5	76	165	71	25.5
Iron	40	-	1	2	15	22	7.5
Jackson	251	2	16	75	78	76	37.1
Jefferson	1,043	3	13	143	540	338	15.2
Juneau	301	1	9	63	121	106	24.3
Kenosha	2,212	22	38	278	977	836	15.3
Kewaunee	231	2	5	36	121	67	18.6
La Crosse	1,323	5	22	318	518	458	26.1
Lafayette	196	-	10	40	89	55	25.5
Langlade	226	3	4	48	115	55	24.3
Lincoln	348	3	7	79	132	122	25.6
Manitowoc	855	5	12	98	304	428	13.5
Marathon	1,633	5	40	413	693	454	28.0
Marinette	411	4	7	64	168	167	18.2
Marquette	156	1	4	42	75	33	30.1
Menominee	117	2	11	34	38	28	40.2
Milwaukee	15,195	247	539	3,052	6,000	5,040	25.3
Monroe	633	9	76	109	217	216	30.6

(Continued)

Table 2-24. Births by Number of Prenatal Care Visits and County of Residence, Wisconsin 2006

County	Total	Number of Prenatal Care Visits					Percent of Births With <10 Visits
		No Visits	1-4	5-9	10-12	13+	
Oconto	400	2	7	76	209	105	21.3
Oneida	296	3	4	30	104	155	12.5
Outagamie	2,252	9	49	442	1,122	612	22.2
Ozaukee	842	6	1	84	448	295	10.8
Pepin	95	2	6	27	35	25	36.8
Pierce	461	1	14	107	198	129	26.5
Polk	542	-	8	108	221	193	21.4
Portage	747	3	11	115	339	273	17.3
Price	107	1	2	22	45	37	23.4
Racine	2,652	41	72	590	1,179	733	26.5
Richland	229	1	13	46	106	58	26.2
Rock	2,125	17	38	231	1,128	679	13.5
Rusk	134	-	7	47	69	10	40.3
St. Croix	1,220	5	21	251	613	300	22.7
Sauk	796	5	28	151	335	268	23.1
Sawyer	223	2	9	67	101	44	35.0
Shawano	513	2	10	125	223	147	26.7
Sheboygan	1,422	3	20	179	599	590	14.2
Taylor	229	2	9	41	86	90	22.7
Trempealeau	333	2	16	83	142	90	30.3
Vernon	438	4	97	89	116	126	43.4
Vilas	204	2	5	40	66	91	23.0
Walworth	1,266	9	16	265	651	319	22.9
Washburn	198	2	2	52	105	37	28.3
Washington	1,537	4	14	118	654	735	8.8
Waukesha	4,140	23	31	333	2,085	1,631	9.3
Waupaca	566	2	16	152	262	126	30.0
Waushara	245	-	10	63	99	70	29.8
Winnebago	1,887	10	40	330	878	615	20.1
Wood	867	14	15	133	437	260	18.7

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Included in the totals are 890 births for which number of prenatal care visits was not reported. A dash (-) indicates that there were no births in that category.

Table 2-25. Births by Number of Prenatal Care Visits and Region, Wisconsin 2006

	Number of Prenatal Care Visits						Percent of Births With <10 Visits
	Total	No Visits	1-4	5-9	10-12	13+	
Total	72,302	583	1,936	13,895	31,549	23,449	22.7%
DHFS Regions							
Southern	13,531	72	365	2,506	5,979	4,474	21.8
Southeastern	28,887	355	724	4,863	12,534	9,927	20.6
Northeastern	14,844	69	308	3,033	6,603	4,701	23.0
Western	9,640	47	420	2,416	4,118	2,547	29.9
Northern	5,400	40	119	1,077	2,315	1,800	22.9
Perinatal Regions							
South Central	15,207	79	294	2,801	6,954	4,943	20.9
Southeast	28,000	346	715	4,634	11,942	9,860	20.3
Fox Valley	7,206	24	179	1,749	3,270	1,922	27.1
Northeast	6,216	42	109	1,105	2,734	2,189	20.2
Western	8,715	45	412	2,031	3,691	2,438	28.5
North Central	5,500	37	190	1,220	2,301	1,698	26.3
Northwest	1,458	10	37	355	657	399	27.6

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Included in the totals are 890 births for which number of prenatal care visits was not reported. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 105 and 106).

Table 2-26. Births by Birthweight and County of Residence, Wisconsin 2006

County	Total Births	<1,500 Grams	1,500-	2,500+	Total	Percent	
			2,499 Grams		<2,500 Grams	Low Birthweight 2006	2005
Total	72,302	914	4,080	67,294	4,994	6.9%	7.0%
Adams	160	3	10	147	13	8.1	11.3
Ashland	203	-	8	195	8	3.9	5.1
Barron	566	1	24	541	25	4.4	6.4
Bayfield	138	3	8	127	11	8.0	5.8
Brown	3,441	36	193	3,209	229	6.7	6.6
Buffalo	151	1	5	145	6	4.0	5.4
Burnett	166	2	10	154	12	7.2	8.8
Calumet	690	7	40	643	47	6.8	5.2
Chippewa	809	11	37	761	48	5.9	4.7
Clark	570	1	30	539	31	5.4	5.0
Columbia	637	10	36	591	46	7.2	5.1
Crawford	195	6	7	182	13	6.7	5.0
Dane	6,104	63	333	5,707	396	6.5	6.5
Dodge	979	10	51	918	61	6.2	7.3
Door	248	1	7	240	8	3.2	7.0
Douglas	490	-	27	462	27	5.5	6.2
Dunn	521	1	27	493	28	5.4	5.9
Eau Claire	1,177	11	53	1,113	64	5.4	6.4
Florence	33	1	-	32	1	3.0	5.4
Fond du Lac	1,188	19	54	1,115	73	6.1	7.0
Forest	106	-	8	98	8	7.5	6.1
Grant	615	9	25	581	34	5.5	5.4
Green	435	5	31	399	36	8.3	5.8
Green Lake	222	1	5	216	6	2.7	4.9
Iowa	321	1	14	306	15	4.7	5.3
Iron	40	-	-	40	-	-	4.4
Jackson	251	2	10	238	12	4.8	7.2
Jefferson	1,043	6	47	990	53	5.1	6.0
Juneau	301	3	17	281	20	6.6	8.3
Kenosha	2,212	25	143	2,044	168	7.6	7.7
Kewaunee	231	1	13	217	14	6.1	3.0
La Crosse	1,323	16	62	1,245	78	5.9	5.8
Lafayette	196	-	10	186	10	5.1	7.2
Langlade	226	3	17	206	20	8.8	8.4
Lincoln	348	4	21	323	25	7.2	5.8
Manitowoc	855	14	53	788	67	7.8	5.8
Marathon	1,633	13	83	1,536	96	5.9	6.5
Marinette	411	4	18	389	22	5.4	6.1
Marquette	156	-	5	151	5	3.2	13.7
Menominee	117	4	10	103	14	12.0	8.7
Milwaukee	15,195	298	1,068	13,826	1,366	9.0	9.6
Monroe	633	8	36	589	44	7.0	6.2

(Continued)

Table 2-26. Births by Birthweight and County of Residence, Wisconsin 2006

County	Total Births	<1,500 Grams	1,500-2,499 Grams		2,500+ Grams	Total <2,500 Grams	Percent Low Birthweight	
							2006	2005
Oconto	400	1	24	375	25	6.3	8.5	
Oneida	296	3	18	275	21	7.1	9.6	
Outagamie	2,252	30	124	2,098	154	6.8	7.1	
Ozaukee	842	10	38	794	48	5.7	5.3	
Pepin	95	1	5	89	6	6.3	6.1	
Pierce	461	6	29	426	35	7.6	5.0	
Polk	542	4	28	510	32	5.9	7.3	
Portage	747	6	26	715	32	4.3	5.1	
Price	107	-	7	100	7	6.5	2.3	
Racine	2,652	42	161	2,449	203	7.7	7.2	
Richland	229	3	13	213	16	7.0	5.7	
Rock	2,125	27	137	1,960	164	7.7	6.6	
Rusk	134	3	6	125	9	6.7	7.4	
St. Croix	1,220	10	59	1,151	69	5.7	5.1	
Sauk	796	10	33	752	43	5.4	6.2	
Sawyer	223	2	7	214	9	4.0	10.2	
Shawano	513	4	37	472	41	8.0	5.6	
Sheboygan	1,422	12	66	1,344	78	5.5	5.5	
Taylor	229	2	6	221	8	3.5	6.1	
Trempealeau	333	3	14	316	17	5.1	5.4	
Vernon	438	3	28	407	31	7.1	4.0	
Vilas	204	1	12	191	13	6.4	6.1	
Walworth	1,266	25	80	1,161	105	8.3	6.5	
Washburn	198	1	9	188	10	5.1	6.9	
Washington	1,537	19	69	1,449	88	5.7	6.8	
Waukesha	4,140	38	186	3,914	224	5.4	5.7	
Waupaca	566	10	39	517	49	8.7	5.6	
Waushara	245	4	12	229	16	6.5	8.7	
Winnebago	1,887	24	120	1,743	144	7.6	6.5	
Wood	867	6	31	830	37	4.3	6.6	

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Included in the totals are 14 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 births in that category.

Table 2-27. Births by Birthweight and Region, Wisconsin 2006

	Total Births	<1,500 Grams	1,500-2,499 Grams	2,500+ Grams	Total <2,500 Grams	Percent Low Birthweight	
						2006	2005
Total	72,302	914	4,080	67,294	4,994	6.9%	7.0%
DHFS Regions							
Southern	13,531	153	745	12,630	898	6.6	6.4
Southeastern	28,887	463	1,792	26,627	2,255	7.8	8.1
Northeastern	14,844	172	820	13,849	992	6.7	6.5
Western	9,640	82	471	9,085	553	5.7	5.9
Northern	5,400	44	252	5,103	296	5.5	6.5
Perinatal Regions							
South Central	15,207	175	837	14,192	1,012	6.7	6.4
Southeast	28,000	444	1,731	25,820	2,175	7.8	8.1
Fox Valley	7,206	95	399	6,712	494	6.9	6.8
Northeast	6,216	65	355	5,793	420	6.8	6.4
Western	8,715	84	424	8,206	508	5.8	5.7
North Central	5,500	43	265	5,191	308	5.6	6.3
Northwest	1,458	8	69	1,380	77	5.3	6.9

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Included in the totals are 14 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. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 105 and 106).

Table 2-28. Fetal, Neonatal, Postneonatal and Infant Deaths by County of Residence, Wisconsin 2006

County	Fetal Deaths (Gestation \geq 20 weeks)	Neonatal Deaths (Age <28 days)	+ Postneonatal Deaths (Age 28 days to 1 year)	= Infant Deaths (Age < 1 year)
Total	384	311	151	462
Adams	1	2	-	2
Ashland	2	-	1	1
Barron	4	-	2	2
Bayfield	2	2	-	2
Brown	13	14	6	20
Buffalo	1	-	-	-
Burnett	-	-	1	1
Calumet	2	2	1	3
Chippewa	-	4	3	7
Clark	6	2	-	2
Columbia	3	3	1	4
Crawford	4	1	-	1
Dane	37	13	8	21
Dodge	5	2	2	4
Door	-	-	-	-
Douglas	-	1	2	3
Dunn	1	-	1	1
Eau Claire	7	3	3	6
Florence	-	-	-	-
Fond du Lac	7	6	1	7
Forest	-	-	2	2
Grant	7	2	1	3
Green	2	1	1	2
Green Lake	1	1	2	3
Iowa	-	1	1	2
Iron	-	-	-	-
Jackson	3	2	1	3
Jefferson	2	1	1	2
Juneau	1	-	-	-
Kenosha	9	7	2	9
Kewaunee	1	2	-	2
La Crosse	8	6	1	7
Lafayette	-	-	-	-
Langlade	2	-	-	-
Lincoln	-	1	-	1
Manitowoc	4	6	3	9

(Continued)

Table 2-28. Fetal, Neonatal, Postneonatal and Infant Deaths by County of Residence, Wisconsin 2006

County	Fetal Deaths (Gestation \geq 20 weeks)	Neonatal Deaths (Age <28 days)	+ Postneonatal Deaths (Age 28 days to 1 year)	= Infant Deaths (Age < 1 year)
Marathon	10	3	5	8
Marinette	1	-	-	-
Marquette	1	-	1	1
Menominee	1	-	-	-
Milwaukee	104	107	48	155
Monroe	5	1	2	3
Oconto	1	-	-	-
Oneida	3	-	1	1
Outagamie	14	8	6	14
Ozaukee	4	4	1	5
Pepin	1	-	-	-
Pierce	1	4	1	5
Polk	-	-	2	2
Portage	5	2	-	2
Price	-	-	1	1
Racine	14	22	10	32
Richland	-	-	1	1
Rock	10	9	3	12
Rusk	-	-	-	-
St. Croix	2	2	-	2
Sauk	3	3	2	5
Sawyer	-	-	-	-
Shawano	1	2	-	2
Sheboygan	10	4	1	5
Taylor	3	2	-	2
Trempealeau	-	1	1	2
Vernon	4	1	1	2
Vilas	2	2	-	2
Walworth	6	8	3	11
Washburn	1	1	-	1
Washington	10	3	2	5
Waukesha	14	17	6	23
Waupaca	4	4	-	4
Waushara	2	1	1	2
Winnebago	8	13	3	16
Wood	4	2	2	4
Unknown	-	-	-	-

Source: Fetal death and matched birth-death files, Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

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

Table 2-29. Fetal, Neonatal, Postneonatal and Infant Deaths by Region, Wisconsin 2006

	Fetal Deaths (Gestation \geq 20 weeks)	Neonatal Deaths (Age <28 days)	+ Postneonatal Deaths (Age 28 days to 1 year)	= Infant Deaths (Age < 1 year)
Total	384	311	151	462
DHFS Region				
Southern	77	38	21	59
Southeastern	163	169	73	242
Northeastern	71	63	25	88
Western	40	27	20	47
Northern	33	14	12	26
Perinatal Regions				
South Central	77	45	24	69
Southeast	165	164	70	234
Fox Valley	39	35	15	50
Northeast	22	24	9	33
Western	41	25	18	43
North Central	35	14	11	25
Northwest	5	4	4	8

Table 2-30. Rates of Fetal, Neonatal, Postneonatal and Infant Deaths by Region, Wisconsin 2006

	Fetal Deaths (Gestation \geq 20 weeks)	Neonatal Deaths (Age <28 days)	+ Postneonatal Deaths (Age 28 days to 1 year)	= Infant Deaths (Age < 1 year)
Total	5.3	4.3	2.1	6.4
DHFS Region				
Southern	5.7	2.8	1.6	4.4
Southeastern	5.6	5.9	2.5	8.4
Northeastern	4.8	4.2	1.7	5.9
Western	4.1	2.8	2.1	4.9
Northern	6.1	-	-	4.8
Perinatal Regions				
South Central	5.0	3.0	1.6	4.5
Southeast	5.9	5.9	2.5	8.4
Fox Valley	5.4	4.9	-	6.9
Northeast	3.5	3.9	-	5.3
Western	4.7	2.9	-	4.9
North Central	6.3	-	-	4.5
Northwest	-	-	-	-

Source: Fetal death and matched birth-death files, Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: The fetal death rate is based on the number of fetal deaths per 1,000 live births and reported 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.

Table 2-31. Fetal, Neonatal, Postneonatal and Infant Deaths by Selected Places, Wisconsin 2006

City of Residence	Fetal Deaths (Gestation \geq20 weeks)	Neonatal Deaths (Age <28 days)	+ Postneonatal Deaths (Age 28 days to 1 year)	= Infant Deaths (Age < 1 year)
Appleton	8	3	4	7
Beloit	3	5	1	6
Brookfield	1	-	1	1
Caledonia (V)	-	-	-	-
De Pere	2	-	1	1
Eau Claire	5	2	1	3
Fitchburg	3	1	-	1
Fond du Lac	4	6	1	7
Franklin	2	-	-	-
Grand Chute	-	1	2	3
Green Bay	6	8	4	12
Greenfield	3	-	1	1
Janesville	6	4	2	6
Kenosha	5	4	1	5
La Crosse	3	4	-	4
Madison	15	6	4	10
Manitowoc	2	4	2	6
Menomonee Falls (V)	1	2	-	2
Mequon/Thiensville	2	-	-	-
Milwaukee	84	95	42	137
Mount Pleasant (V)	-	2	1	3
Muskego	1	3	-	3
Neenah/Menasha	1	5	1	6
New Berlin	2	3	1	4
Oak Creek	2	3	-	3
Oshkosh	5	4	2	6
Racine	12	13	8	21
Sheboygan	8	3	-	3
South Milwaukee	-	1	2	3
Stevens Point	2	1	-	1
Sun Prairie	3	1	-	1
Superior	-	1	1	2
Watertown	2	-	1	1
Waukesha	3	3	2	5
Wausau	4	-	3	3
Wauwatosa	-	1	-	1
West Allis	9	5	2	7
West Bend	3	1	1	2

Source: Fetal death and matched birth-death files, Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: A dash (-) indicates that there were no events in that category. This table includes cities, townships (T) and villages (V) with a population of 20,000 or more according to population estimates from the United States Census Bureau and the Wisconsin Department of Administration, Demographic Services Center. These population estimates are provisional and subject to revision. Combined areas include: Mequon (C) with Thiensville (V); and Neenah (C) with Menasha (C).

Table 3-1. Number of Births by County of Residence, Wisconsin 1980-2006

County	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Total	74,763	74,309	74,327	72,499	73,050	73,647	72,229	70,907	70,711	71,890
Adams	179	177	175	164	182	170	170	164	173	144
Ashland	279	302	282	295	256	248	274	220	256	249
Barron	654	693	745	679	672	628	578	567	571	557
Bayfield	219	212	209	230	200	193	187	174	174	153
Brown	2,802	2,824	2,833	2,856	2,821	2,917	2,829	2,910	2,847	2,968
Buffalo	236	197	239	229	184	227	213	220	165	175
Burnett	167	203	179	194	162	160	157	152	142	164
Calumet	546	519	556	551	550	514	567	546	536	538
Chippewa	903	924	854	920	851	867	822	709	715	738
Clark	641	581	587	576	533	514	468	488	518	434
Columbia	667	668	682	655	624	650	657	608	579	585
Crawford	293	284	296	276	272	239	251	250	241	203
Dane	4,685	4,638	4,684	4,657	4,902	4,984	5,067	5,124	5,070	5,136
Dodge	1,186	1,173	1,187	1,108	1,115	1,146	1,115	1,055	1,020	1,029
Door	412	397	406	379	345	400	368	376	317	320
Douglas	702	713	676	645	580	590	549	547	532	517
Dunn	537	536	551	503	506	501	467	398	436	436
Eau Claire	1,117	1,265	1,255	1,185	1,203	1,201	1,111	1,178	1,237	1,238
Florence	55	64	66	54	50	63	51	45	57	26
Fond du Lac	1,512	1,406	1,409	1,333	1,382	1,368	1,316	1,247	1,248	1,162
Forest	140	161	147	156	144	156	136	152	136	114
Grant	867	814	812	805	785	743	753	713	626	635
Green	483	471	514	507	439	471	469	404	404	429
Green Lake	262	325	287	310	279	266	240	230	237	214
Iowa	345	342	340	366	335	319	346	305	306	302
Iron	84	72	86	64	63	76	63	68	66	55
Jackson	276	271	291	257	236	240	228	230	249	229
Jefferson	973	1,029	952	953	987	1,004	893	901	849	927
Juneau	347	355	331	343	327	339	301	323	279	278
Kenosha	1,826	1,815	1,789	1,839	1,796	1,910	1,787	1,931	1,909	2,077
Kewaunee	323	347	311	303	336	303	274	301	227	259
La Crosse	1,350	1,396	1,372	1,470	1,443	1,394	1,408	1,365	1,362	1,388
Lafayette	289	339	300	321	314	271	265	229	213	220
Langlade	287	313	271	334	276	259	299	249	280	242
Lincoln	406	460	383	384	405	363	323	349	315	372
Manitowoc	1,338	1,262	1,345	1,208	1,263	1,228	1,127	1,136	1,040	1,035

(Continued)

Table 3-1. Number of Births by County of Residence, Wisconsin 1980-2006

County	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Marathon	1,930	1,806	1,804	1,728	1,730	1,812	1,650	1,644	1,620	1,685
Marinette	662	671	578	559	551	592	562	535	494	471
Marquette	167	163	183	148	184	158	175	169	141	149
Menominee	111	96	108	116	112	132	151	138	113	114
Milwaukee	15,842	15,806	16,063	15,631	15,887	16,296	16,254	16,035	16,358	17,009
Monroe	607	582	638	564	581	600	555	552	569	622
Oconto	469	435	461	415	458	451	453	413	433	410
Oneida	423	467	429	425	455	437	423	373	387	365
Outagamie	2,340	2,229	2,172	2,197	2,171	2,320	2,180	2,227	2,268	2,258
Ozaukee	992	963	932	935	943	960	954	955	947	973
Pepin	128	127	112	131	128	94	122	97	98	87
Pierce	507	527	532	484	494	492	498	434	452	436
Polk	506	561	560	520	596	506	488	506	466	441
Portage	928	891	896	851	956	876	903	818	850	804
Price	242	232	243	238	238	225	215	182	209	190
Racine	2,980	2,855	2,717	2,691	2,794	2,641	2,653	2,661	2,640	2,782
Richland	275	302	281	278	284	267	228	246	219	234
Rock	2,256	2,115	2,196	2,088	2,116	2,189	2,183	2,106	2,079	2,120
Rusk	222	251	259	256	258	216	234	203	202	229
St. Croix	835	773	762	788	815	741	805	824	740	817
Sauk	654	696	691	661	697	690	674	671	663	669
Sawyer	219	239	228	215	224	203	224	228	196	187
Shawano	528	543	550	536	530	488	499	507	531	501
Sheboygan	1,588	1,595	1,588	1,515	1,517	1,507	1,492	1,379	1,397	1,380
Taylor	379	339	370	345	340	354	294	280	309	292
Trempealeau	373	416	400	387	392	370	352	324	316	327
Vernon	408	440	408	376	409	409	406	328	344	356
Vilas	228	218	226	222	236	240	214	228	190	195
Walworth	1,026	971	1,053	915	896	1,009	951	914	995	891
Washburn	226	202	208	210	227	198	201	171	158	157
Washington	1,442	1,422	1,387	1,359	1,359	1,383	1,335	1,305	1,315	1,335
Waukesha	3,841	3,824	3,808	3,610	3,661	3,727	3,799	3,779	3,940	4,038
Waupaca	697	690	677	660	625	656	637	597	603	604
Waushara	243	236	267	294	241	247	266	259	231	234
Winnebago	1,901	1,867	1,945	1,887	1,961	2,028	1,964	1,894	1,901	1,909
Wood	1,199	1,211	1,192	1,155	1,166	1,211	1,106	1,061	1,005	1,070
Unknown	1	-	1	-	-	-	-	-	-	1

(Continued)

Table 3-1. Number of Births by County of Residence, Wisconsin 1980-2006

County	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	72,636	72,039	70,662	69,760	68,267	67,493	67,076	66,490	67,379	68,181
Adams	175	162	189	163	162	167	184	157	167	179
Ashland	202	197	207	225	199	239	234	202	208	195
Barron	579	553	556	496	517	550	503	463	475	506
Bayfield	155	150	183	157	141	135	149	147	139	150
Brown	3,169	3,141	2,947	3,035	3,051	2,962	3,050	3,051	3,130	3,098
Buffalo	176	182	156	169	156	165	146	143	143	159
Burnett	143	149	154	142	135	171	147	133	149	146
Calumet	491	478	524	485	495	488	466	452	480	504
Chippewa	704	720	668	675	643	633	590	638	633	684
Clark	464	429	405	434	452	448	467	470	537	493
Columbia	610	605	584	640	610	607	616	633	620	623
Crawford	230	206	203	184	197	215	183	182	206	202
Dane	5,306	5,224	5,209	5,181	4,848	5,023	4,976	5,023	5,125	5,189
Dodge	985	995	938	1,013	936	947	976	926	944	986
Door	325	322	298	305	270	254	260	218	239	265
Douglas	540	599	532	525	527	493	532	507	509	468
Dunn	417	399	451	428	439	444	434	466	471	441
Eau Claire	1,208	1,188	1,134	1,163	1,133	1,118	1,079	1,105	1,058	1,084
Florence	-	62	66	45	48	36	48	38	33	49
Fond du Lac	1,270	1,224	1,215	1,107	1,128	1,119	1,138	1,118	1,141	1,202
Forest	132	134	136	138	125	137	92	117	93	114
Grant	661	606	595	555	544	561	497	526	505	476
Green	418	420	419	380	368	390	408	370	379	392
Green Lake	241	217	198	187	204	192	208	216	228	214
Iowa	318	289	292	279	254	296	260	259	290	297
Iron	68	65	55	64	66	63	57	63	38	20
Jackson	217	219	215	217	204	189	193	211	198	198
Jefferson	873	872	824	898	877	852	891	914	892	939
Juneau	277	307	305	277	296	308	264	271	277	282
Kenosha	2,043	2,234	2,167	2,039	2,026	2,040	2,008	2,027	2,077	2,162
Kewaunee	237	216	229	226	216	218	214	228	220	240
La Crosse	1,416	1,406	1,364	1,346	1,343	1,267	1,236	1,327	1,267	1,238
Lafayette	227	240	214	198	180	176	180	159	175	169
Langlade	232	244	263	266	219	228	214	229	199	236
Lincoln	343	332	358	343	356	320	338	329	304	342
Manitowoc	1,072	1,060	1,006	1,000	955	898	941	902	922	918

(Continued)

Table 3-1. Number of Births by County of Residence, Wisconsin 1980-2006

County	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Marathon	1,685	1,651	1,664	1,631	1,649	1,585	1,621	1,581	1,476	1,484
Marinette	431	508	428	492	467	454	424	424	445	398
Marquette	148	137	138	138	147	121	147	177	126	176
Menominee	128	128	115	118	76	92	91	95	89	97
Milwaukee	17,013	16,686	16,547	16,076	15,539	15,067	14,791	14,338	14,733	14,832
Monroe	591	569	564	537	514	529	557	511	549	510
Oconto	398	404	370	392	360	388	374	347	367	379
Oneida	371	355	387	361	382	352	326	347	332	313
Outagamie	2,273	2,273	2,212	2,134	2,166	2,056	2,101	2,176	2,172	2,191
Ozaukee	945	964	950	956	929	934	961	860	967	871
Penin	90	100	83	80	76	83	75	87	81	98
Pierce	477	423	398	405	435	403	373	344	434	379
Polk	529	461	453	469	463	470	409	415	425	471
Portage	913	804	851	815	814	788	796	759	741	789
Price	185	206	178	181	157	184	154	150	157	141
Racine	2,697	2,771	2,617	2,690	2,561	2,512	2,592	2,564	2,633	2,534
Richland	219	213	201	200	208	196	187	192	199	193
Rock	2,166	2,155	2,121	2,149	2,021	1,963	1,969	1,990	2,040	2,013
Rusk	213	195	192	222	195	192	161	162	158	176
St. Croix	840	797	819	713	754	725	767	758	777	886
Sauk	670	648	620	678	662	670	676	697	711	671
Sawyer	176	178	200	176	199	196	188	175	154	161
Shawano	525	497	463	449	454	456	458	438	467	480
Sheboygan	1,401	1,369	1,343	1,351	1,389	1,336	1,333	1,348	1,323	1,380
Taylor	289	258	248	247	232	221	225	198	225	229
Trempealeau	369	356	367	333	348	315	326	328	337	296
Vernon	332	352	318	319	334	351	338	347	344	374
Vilas	201	208	205	201	152	205	167	171	175	170
Walworth	996	999	935	911	978	952	1,019	1,019	1,067	1,107
Washburn	159	141	167	162	155	168	148	144	148	155
Washington	1,349	1,421	1,396	1,405	1,393	1,440	1,456	1,415	1,469	1,566
Waukesha	4,046	4,058	4,026	3,963	4,122	4,120	4,138	4,156	4,124	4,284
Waupaca	667	640	661	630	599	619	617	573	596	599
Waushara	245	240	237	225	231	240	219	236	240	217
Winnebago	1,936	1,983	1,883	1,901	1,864	1,838	1,756	1,826	1,725	1,798
Wood	1,039	1,045	1,046	1,065	921	923	957	922	902	903
Unknown	-	-	-	-	1	-	-	-	-	-

(Continued)

Table 3-1. Number of Births by County of Residence, Wisconsin 1980-2006

County	2000	2001	2002	2003	2004	2005	2006
Total	69,289	69,012	68,510	69,999	70,130	70,934	72,302
Adams	158	179	160	161	162	159	160
Ashland	224	190	211	208	184	198	203
Barron	466	472	514	540	527	528	566
Bayfield	141	135	151	111	140	121	138
Brown	3,212	3,232	3,282	3,364	3,211	3,332	3,441
Buffalo	163	143	160	150	155	147	151
Burnett	136	155	172	138	144	159	166
Calumet	513	597	566	640	701	630	690
Chippewa	673	672	695	681	719	738	809
Clark	496	518	526	532	564	581	570
Columbia	616	651	622	646	637	691	637
Crawford	183	199	185	224	177	201	195
Dane	5,555	5,520	5,561	5,725	5,995	6,055	6,104
Dodge	994	926	950	963	980	910	979
Door	232	262	226	265	232	258	248
Douglas	513	513	474	501	485	466	490
Dunn	483	445	464	470	453	511	521
Eau Claire	1,116	1,146	1,098	1,110	1,105	1,178	1,177
Florence	36	40	36	37	33	37	33
Fond du Lac	1,151	1,091	1,132	1,209	1,117	1,187	1,188
Forest	114	100	100	122	108	114	106
Grant	540	547	548	584	590	559	615
Green	402	397	377	397	404	447	435
Green Lake	219	230	222	231	229	204	222
Iowa	263	310	301	308	312	320	321
Iron	40	48	42	53	42	45	40
Jackson	233	205	226	231	244	237	251
Jefferson	931	914	960	980	1,020	1,028	1,043
Juneau	275	252	298	285	293	277	301
Kenosha	2,151	2,119	2,091	2,160	2,125	2,133	2,212
Kewaunee	224	243	235	255	235	232	231
La Crosse	1,234	1,260	1,253	1,247	1,259	1,292	1,323
Lafayette	174	200	194	173	223	207	196
Langlade	209	213	238	212	216	202	226
Lincoln	281	329	334	284	315	275	348
Manitowoc	894	908	846	867	889	855	855

(Continued)

Table 3-1. Number of Births by County of Residence, Wisconsin 1980-2006

County	2000	2001	2002	2003	2004	2005	2006
Marathon	1,520	1,534	1,503	1,546	1,531	1,554	1,633
Marinette	457	386	395	458	423	460	411
Marquette	146	162	150	165	156	182	156
Menominee	93	93	85	90	102	104	117
Milwaukee	14,846	14,727	14,332	14,793	14,635	14,906	15,195
Monroe	602	593	559	624	587	615	633
Oconto	383	392	383	392	400	388	400
Oneida	316	278	327	301	333	355	296
Outagamie	2,289	2,244	2,337	2,255	2,294	2,291	2,252
Ozaukee	869	867	925	874	883	852	842
Pepin	79	88	84	79	91	99	95
Pierce	412	383	411	481	466	443	461
Polk	454	508	435	477	508	506	542
Portage	805	743	706	772	710	726	747
Price	125	139	137	123	137	130	107
Racine	2,650	2,581	2,540	2,539	2,499	2,623	2,652
Richland	201	204	207	205	231	228	229
Rock	2,075	2,028	1,966	2,055	2,002	2,052	2,125
Rusk	148	185	160	170	150	163	134
St. Croix	908	912	998	1,018	1,138	1,193	1,220
Sauk	755	701	722	730	764	785	796
Sawyer	182	182	171	157	184	205	223
Shawano	470	462	464	479	473	478	513
Sheboygan	1,437	1,339	1,380	1,376	1,382	1,481	1,422
Taylor	247	246	230	242	240	246	229
Trempealeau	322	330	284	338	359	331	333
Vernon	390	377	381	409	432	403	438
Vilas	155	194	189	186	188	164	204
Walworth	1,102	1,136	1,161	1,160	1,147	1,209	1,266
Washburn	163	156	159	183	168	173	198
Washington	1,490	1,484	1,517	1,489	1,429	1,495	1,537
Waukesha	4,357	4,421	4,268	4,311	4,362	4,108	4,140
Waupaca	567	602	598	596	556	537	566
Waushara	225	232	239	247	260	241	245
Winnebago	1,926	1,851	1,845	1,745	1,839	1,826	1,887
Wood	878	891	812	870	846	868	867
Unknown	-	-	-	-	-	-	-

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: In Wisconsin counties close to the Michigan border, births for 1990 are underreported to an unknown extent since Michigan did not report Wisconsin resident births for that year. In particular, all 1990 births among Florence County residents occurred in Michigan. Numbers of births for 1996 reported here are slightly different from those published in the 1996 report because other states filed 74 duplicate records for Wisconsin residents. The 2004 births total initially reported has been corrected. A dash (-) indicates there were no births in that category.

Table 3-2. Number and Rate of Births by Age of Mother, Wisconsin 1985-2006

Year		Crude Rate	Age of Mother						
			Total	<15	15-17	<18	18-19	15-19	<20
1985	Number		73,647	123	2,389	2,512	4,976	7,365	7,488
	Rate	15.4	64.2		21.8	21.7	62.4	38.8	39.4
1986	Number		72,229	121	2,340	2,461	4,679	7,019	7,140
	Rate	15.1	63.9		21.2	20.9	60.6	37.1	37.8
1987	Number		70,907	114	2,369	2,483	4,425	6,794	6,908
	Rate	14.7	63.7		22.1	21.6	58.0	36.5	37.1
1988	Number		70,711	133	2,322	2,455	4,486	6,808	6,941
	Rate	14.6	62.6		22.7	22.8	59.5	38.4	39.2
1989	Number		71,890	141	2,416	2,557	4,707	7,123	7,264
	Rate	14.8	63.8		24.5	25.4	62.5	40.7	42.6
1990	Number		72,636	148	2,337	2,485	4,925	7,262	7,410
	Rate	14.8	64.5		24.3	24.3	65.7	42.4	43.3
1991	Number		72,039	147	2,440	2,587	4,828	7,268	7,415
	Rate	14.6	63.4		24.9	24.9	71.1	43.8	44.7
1992	Number		70,662	159	2,427	2,586	4,622	7,049	7,208
	Rate	14.2	62.2		23.9	23.9	70.1	42.1	43.0
1993	Number		69,760	175	2,481	2,656	4,576	7,057	7,232
	Rate	13.8	61.4		23.8	23.8	67.7	41.0	42.0
1994	Number		68,267	161	2,497	2,658	4,379	6,876	7,037
	Rate	13.4	59.9		23.0	23.0	63.8	38.8	39.7
1995	Number		67,493	182	2,549	2,731	4,379	6,928	7,110
	Rate	13.2	58.9		22.5	22.5	62.7	37.8	38.8
1996	Number		67,076	143	2,507	2,650	4,453	6,963	7,103
	Rate	13.0	58.2		21.4	21.4	61.9	36.8	37.5
1997	Number		66,490	163	2,541	2,704	4,384	6,925	7,088
	Rate	12.7	57.6		21.1	21.1	58.5	35.5	36.3
1998	Number		67,379	111	2,366	2,477	4,570	6,936	7,047
	Rate	12.8	58.1		19.4	19.4	57.7	34.5	35.1
1999	Number		68,181	116	2,432	2,548	4,760	7,192	7,308
	Rate	12.9	58.8		20.2	20.2	57.4	35.4	36.0
2000	Number		69,289	99	2,225	2,324	4,753	6,978	7,077
	Rate	12.9	59.9		18.8	19.6	59.4	35.2	35.7
2001	Number		69,012	80	2,167	2,247	4,602	6,769	6,849
	Rate	12.7	59.0		18.1	18.8	56.9	33.9	34.2
2002	Number		68,510	108	1,898	2,006	4,528	6,426	6,534
	Rate	12.6	58.7		16.0	17.0	55.5	32.2	32.7
2003	Number		69,999	85	1,861	1,946	4,371	6,232	6,317
	Rate	12.7	60.4		15.5	16.3	54.6	31.2	31.6
2004	Number		70,130	91	1,856	1,947	4,230	5,995	6,086
	Rate	12.7	60.3		15.7	15.7	52.1	30.0	30.5
2005	Number		70,934	86	1,776	1,862	4,231	6,007	6,093
	Rate	12.7	61.2		14.9	15.6	52.5	30.1	30.5
2006	Number		72,302	92	1,840	1,932	4,168	6,008	6,100
	Rate	12.9	63.4		15.6	16.4	53.1	30.6	31.1

(Continued)

Table 3-2. Number and Rate of Births by Age of Mother, Wisconsin 1985-2006

Year		Age of Mother							Unknown
		20-24	25-29	30-34	35-39	40+	40-44	45+	
1985	Number	22,021	25,693	14,170	3,769	505	473	32	1
	Rate	101.9	117.3	67.2	22.3	3.6	3.3		
1986	Number	20,342	25,718	14,374	4,121	534	499	35	
	Rate	103.3	120.2	70.5	23.0	3.6	3.4		
1987	Number	19,015	25,393	14,709	4,353	528	498	30	1
	Rate	103.9	119.8	72.8	24.1	3.5	3.3		
1988	Number	18,018	25,267	15,338	4,474	669	630	39	4
	Rate	94.2	116.6	73.9	24.1	4.4	4.2		
1989	Number	17,800	25,265	15,922	4,909	721	683	38	9
	Rate	96.8	118.8	75.2	25.8	4.5	4.3		
1990	Number	17,477	24,956	16,626	5,393	768	730	38	6
	Rate	96.2	123.7	78.7	27.8	4.6	4.4		
1991	Number	17,407	23,958	16,960	5,481	817	773	44	1
	Rate	94.9	123.1	79.5	27.5	4.5	4.3		
1992	Number	16,597	22,918	17,269	5,756	905	859	46	9
	Rate	91.7	121.5	81.1	28.3	5.0	4.7		
1993	Number	16,056	22,154	17,347	6,024	942	898	44	5
	Rate	90.9	121.0	82.4	29.1	5.1	4.8		
1994	Number	15,331	20,961	17,642	6,292	997	955	42	7
	Rate	89.5	117.9	84.6	29.6	5.2	4.9		
1995	Number	14,874	20,374	17,442	6,612	1,074	1,026	48	7
	Rate	88.7	115.4	85.4	30.7	5.4	5.2		
1996	Number	14,331	20,279	17,254	6,931	1,175	1,132	43	3
	Rate	87.4	115.0	86.6	31.6	5.7	5.5		
1997	Number	13,972	19,994	17,198	7,008	1,228	1,172	56	2
	Rate	84.8	115.5	89.0	32.0	5.9	5.9		
1998	Number	14,632	19,932	17,126	7,385	1,252	1,191	61	5
	Rate	86.8	117.7	90.5	33.8	5.9	5.6		
1999	Number	14,986	19,716	17,407	7,427	1,328	1,257	71	9
	Rate	86.9	119.8	93.8	34.3	6.1	5.8		
2000	Number	15,606	19,594	17,692	7,776	1,539	1,463	76	5
	Rate	89.2	119.5	96.2	35.7	7.0	6.7		
2001	Number	15,951	19,176	17,745	7,737	1,552	1,480	72	2
	Rate	90.2	115.8	95.5	35.2	7.0	6.7		
2002	Number	15,688	19,462	17,527	7,746	1,544	1,478	66	9
	Rate	80.7	121.8	97.3	37.6	6.8	6.5		
2003	Number	16,011	20,157	17,855	8,087	1,557	1,486	71	15
	Rate	80.9	123.7	102.6	40.8	6.9	6.6		
2004	Number	16,304	20,513	17,541	7,946	1,726	1,649	77	14
	Rate	81.0	120.4	102.6	41.1	7.6	7.3		
2005	Number	16,430	21,305	17,387	8,070	1,639	1,564	75	10
	Rate	81.5	119.4	104.1	42.4	7.3	7.0		
2006	Number	17,163	22,235	16,886	8,200	1,702	1,611	91	16
	Rate	86.5	126.9	101.1	43.6	7.9	7.5		

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Rates shown for ages <18 and <20 include births to mothers less than 15 years old, with population ages 15-17 and 15-19, respectively. Rates shown for age 40+ include births to mothers ages 45 or older, with population ages 40-44. See Technical Notes (page 107) for an explanation of birth rate calculations.

Table 3-3. Total Births and Births to Teenagers and Unmarried Mothers, Wisconsin 1980-2006

Year	Total Births		Ages Under 18		Ages 18-19		Mother Unmarried	
	Number	Rate*	Number	Percent**	Number	Percent**	Number	Percent**
1980	74,763	15.9	2,834	3.8	6,379	8.5	10,352	13.8
1981	74,309	15.7	2,749	3.7	6,029	8.1	10,622	14.3
1982	74,327	15.6	2,543	3.4	5,659	7.6	11,187	15.1
1983	72,499	15.3	2,495	3.4	5,258	7.3	11,501	15.9
1984	73,050	15.3	2,403	3.3	4,973	6.8	12,101	16.6
1985	73,647	15.4	2,512	3.4	4,976	6.8	13,346	18.1
1986	72,229	15.1	2,461	3.4	4,679	6.5	14,166	19.6
1987	70,907	14.7	2,483	3.5	4,425	6.2	14,686	20.7
1988	70,711	14.6	2,455	3.5	4,486	6.3	15,511	21.9
1989	71,890	14.8	2,557	3.6	4,707	6.5	16,790	23.4
1990	72,636	14.8	2,485	3.4	4,925	6.8	17,615	24.3
1991	72,039	14.6	2,587	3.6	4,828	6.7	18,226	25.3
1992	70,662	14.2	2,586	3.7	4,622	6.5	18,443	26.1
1993	69,760	13.8	2,656	3.8	4,576	6.6	18,878	27.1
1994	68,267	13.4	2,658	3.9	4,379	6.4	18,523	27.1
1995	67,493	13.2	2,731	4.0	4,379	6.5	18,420	27.3
1996	67,076	13.0	2,650	4.0	4,453	6.6	18,526	27.6
1997	66,490	12.7	2,704	4.1	4,384	6.6	18,884	28.4
1998	67,379	12.8	2,477	3.7	4,570	6.8	19,599	29.1
1999	68,181	12.9	2,548	3.7	4,760	7.0	20,131	29.5
2000	69,289	12.9	2,324	3.4	4,753	6.9	20,543	29.6
2001	69,012	12.7	2,247	3.3	4,602	6.7	20,879	30.3
2002	68,510	12.6	2,006	2.9	4,528	6.6	20,707	30.2
2003	69,999	12.7	1,946	2.8	4,371	6.2	21,497	30.7
2004	70,130	12.7	1,856	2.6	4,230	6.0	22,151	31.6
2005	70,934	12.7	1,862	2.6	4,231	6.0	23,244	32.8
2006	72,302	12.9	1,932	2.7	4,168	5.8	24,809	34.3

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

* Crude birth rate, which is the number of live births per 1,000 estimated mid-year total population.

** Percentages are based on total live births.

Table 3-4. Births by Selected Birth Indicators, Wisconsin 1980-2006

Year	Birth Order 4 and Above		Prenatal Care During First Trimester		Birthweight Less Than 2,500 Grams		Premature (Gestation <37 Weeks)		Congenital Anomalies	
	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	Number	Rate**
1980	7,035	9.4	61,796	82.7	4,037	5.4	4,037	5.4	795	10.6
1981	7,054	9.5	61,582	82.9	3,925	5.3	3,925	5.3	926	12.5
1982	6,677	9.0	61,420	82.6	3,734	5.0	3,734	5.0	877	11.8
1983	6,904	9.5	60,240	83.1	3,943	5.4	4,629	6.4	983	13.6
1984	6,973	9.5	61,225	83.8	3,756	5.1	4,488	6.1	1,103	15.1
1985	7,206	9.8	60,859	82.6	3,889	5.3	4,720	6.4	1,006	13.7
1986	7,587	10.5	59,652	82.6	3,876	5.4	4,802	6.6	952	13.2
1987	7,387	10.4	58,882	83.0	3,849	5.4	4,825	6.8	1,144	16.1
1988	7,849	11.1	58,551	82.8	3,857	5.5	4,834	6.8	1,197	16.9
1989	8,022	11.2	58,564	81.5	4,145	5.8	6,120	8.5	1,742	24.2
1990	8,272	11.4	59,275	81.6	4,284	5.9	6,544	9.0	1,523	21.0
1991	8,323	11.6	58,705	81.5	4,435	6.2	6,825	9.5	1,355	18.8
1992	8,396	11.9	57,804	81.8	4,204	5.9	6,552	9.3	1,260	17.8
1993	8,274	11.9	57,251	82.1	4,299	6.2	6,601	9.5	1,098	15.7
1994	8,149	11.9	56,717	83.1	4,358	6.4	6,828	10.0	847	12.4
1995	7,935	11.8	56,155	83.2	4,066	6.0	6,593	9.8	899	13.3
1996	7,689	11.5	56,273	83.9	4,217	6.3	6,648	9.9	912	13.6
1997	7,622	11.5	56,112	84.4	4,262	6.4	6,738	10.1	1,038	15.6
1998	7,644	11.3	56,645	84.1	4,412	6.5	6,947	10.3	988	14.7
1999	7,494	11.0	57,203	83.9	4,552	6.7	7,148	10.5	908	13.3
2000	7,800	11.3	58,129	83.9	4,526	6.5	7,236	10.4	902	13.0
2001	7,897	11.4	57,747	83.7	4,557	6.6	7,468	10.8	876	12.7
2002	7,578	11.1	57,686	84.2	4,549	6.6	7,328	10.7	879	12.8
2003	7,808	11.2	59,296	84.7	4,773	6.8	7,733	11.0	890	12.7
2004	7,825	11.2	59,666	85.1	4,906	7.0	7,702	11.0	971	13.8
2005	8,030	11.3	60,309	85.0	4,992	7.0	8,033	11.3	916	12.9
2006	8,628	11.9	60,610	83.8	4,994	6.9	8,104	11.2	1,142	15.8

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

* Percentages are based on total live births.

** Rates are per 1,000 live births.

Notes: "Premature" means less than 37 weeks of gestation. Since 1980, gestational age has been calculated as the difference between the date of last normal menses and the date of delivery. Since 1993, clinical estimate of gestation has been substituted when date of last normal menses is unknown. Beginning in 2004, if the date of last normal menses was unknown or invalid or the computed estimate of gestational age was less than 16 weeks or greater than 45 weeks, the clinical estimate of gestation was substituted. Data for 1989-2003 shown on this page were recalculated to make them comparable with data for subsequent years, and differ from previously published data. Caution is advised in making comparisons between data for 1989-2006 and data for the years before 1989.

See Technical Notes (page 107) regarding comparability of data on congenital anomalies since 1989.

Table 3-5. Infant, Neonatal, Fetal and Perinatal Deaths and Mortality Rates, Wisconsin 1980-2006

Year	Infant Deaths			Neonatal Deaths			Fetal Deaths			Perinatal Deaths		
	Wisconsin Number	U.S. Rate*	Rate*	Wisconsin Number	U.S. Rate*	Rate*	Wisconsin Number	U.S. Rate**	Rate**	Wisconsin Number	U.S. Rate**	Rate**
1980	769	10.3	12.6	500	6.7	8.5	532	7.1	9.1	1,032	13.7	17.4
1981	769	10.3	11.9	514	6.9	8.0	552	7.4	8.9	1,066	14.2	16.9
1982	700	9.4	11.5	460	6.2	7.7	524	7.0	8.8	984	13.1	16.4
1983	699	9.6	11.2	459	6.3	7.3	476	6.5	8.4	935	12.8	15.6
1984	724	9.9	10.8	458	6.3	7.0	517	7.0	8.1	975	13.2	15.1
1985	674	9.2	10.6	414	5.6	7.0	481	6.5	7.8	895	12.1	14.7
1986	671	9.3	10.4	414	5.7	6.7	471	6.5	7.7	885	12.2	14.3
1987	611	8.6	10.1	361	5.1	6.5	445	6.2	7.6	806	11.3	14.1
1988	598	8.5	10.0	358	5.1	6.3	430	6.0	7.5	788	11.1	13.7
1989	662	9.2	9.8	401	5.6	6.2	480	6.6	7.5	881	12.2	13.7
1990	611	8.4	9.2	358	4.9	5.8	444	6.1	7.5	802	11.0	13.3
1991	608	8.4	8.9	370	5.1	5.6	427	5.9	7.3	797	11.0	12.8
1992	514	7.3	8.6	310	4.4	5.4	457	6.4	7.4	767	10.8	12.7
1993	553	7.9	8.4	331	4.7	5.3	401	5.7	7.1	732	10.4	12.4
1994	541	7.9	8.0	327	4.8	5.1	438	6.4	7.0	765	11.1	12.1
1995	493	7.3	7.6	311	4.6	4.9	403	5.9	7.0	714	10.5	11.8
1996	492	7.3	7.3	314	4.7	4.8	416	6.2	6.9	730	10.9	11.6
1997	431	6.5	7.2	294	4.4	4.8	361	5.4	6.8	655	9.8	11.5
1998	488	7.2	7.2	343	5.1	4.8	401	5.9	6.7	744	11.0	n/a
1999	456	6.7	7.1	294	4.3	4.7	353	5.2	6.7	647	9.4	n/a
2000	457	6.6	6.9	302	4.4	4.6	414	5.9	6.6	716	10.3	n/a
2001	491	7.1	6.8	323	4.7	4.5	375	5.4	6.5	698	10.1	n/a
2002	471	6.9	7.0	324	4.7	4.7	379	5.5	6.4	703	10.2	n/a
2003	454	6.5	6.8	309	4.4	4.6	344	4.9	n/a	653	9.3	n/a
2004	420	6.0	6.8	280	4.0	4.5	352	5.0	n/a	632	9.0	n/a
2005	469	6.6	n/a	319	4.5	n/a	363	5.1	n/a	682	9.6	n/a
2006	462	6.4	n/a	311	4.3	n/a	384	5.3	n/a	695	9.6	n/a

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

* Rates are per 1,000 live births.

** Rates are per 1,000 live births and fetal deaths.

n/a Not available

Notes: U.S. rates of perinatal death for the years 1992-1997 are from the National Center for Health Statistics (unpublished data). See Technical Notes (page 108) for definition of perinatal deaths.

Table 3-6. Infant Deaths and Mortality Rates by Race/Ethnicity, Wisconsin 1985-2006

Year	White			African American			Hispanic/Latino			Total		
	Wisconsin		U.S.	Wisconsin		U.S.	Wisconsin		U.S.	Wisconsin		U.S.
	Number	Rate*	Rate	Number	Rate*	Rate	Number	Rate*	Rate	Number	Rate*	Rate
1985	546	8.4	n/a	94	17.5	n/a	5	-	n/a	674	9.2	10.6
1986	533	8.4	n/a	103	18.0	n/a	9	-	n/a	671	9.3	10.4
1987	473	7.7	n/a	104	17.3	n/a	8	-	n/a	611	8.6	10.1
1988	441	7.2	n/a	109	17.2	n/a	12	-	n/a	598	8.5	10.0
1989	484	7.9	n/a	130	18.9	n/a	14	-	n/a	662	9.2	9.8
1990	440	7.2	n/a	140	19.7	n/a	10	-	n/a	611	8.4	9.2
1991	468	7.7	n/a	100	14.0	n/a	19	-	n/a	608	8.4	8.9
1992	370	6.3	n/a	102	14.0	n/a	18	-	n/a	514	7.3	8.6
1993	405	7.0	n/a	106	14.9	n/a	17	-	n/a	553	7.9	8.4
1994	368	6.5	n/a	127	18.6	n/a	22	9.2	n/a	541	7.9	8.0
1995	342	6.2	6.3	116	17.9	14.7	25	8.8	6.3	493	7.3	7.6
1996	325	5.9	6.0	117	18.3	14.2	32	10.2	6.1	492	7.3	7.3
1997	296	5.5	6.0	85	13.4	13.7	33	10.3	6.0	431	6.5	7.2
1998	308	5.6	6.0	116	17.9	13.9	40	11.0	5.8	488	7.2	7.2
1999	314	5.7	5.8	96	14.9	14.1	31	7.7	5.7	456	6.7	7.0
2000	312	5.6	5.7	108	16.8	13.6	21	4.7	5.6	457	6.6	6.9
2001	305	5.7	5.7	121	18.7	13.5	36	7.0	5.4	491	7.1	6.8
2002	297	5.5	5.8	116	18.3	13.9	35	6.6	5.6	471	6.9	7.0
2003	289	5.3	5.7	98	15.3	13.6	38	6.9	5.7	454	6.5	6.8
2004	245	4.5	5.7	125	19.2	13.6	30	5.1	5.6	420	6.0	6.8
2005	302	5.6	n/a	101	15.0	n/a	42	6.7	n/a	469	6.6	n/a
2006	268	4.9	n/a	121	17.2	n/a	43	6.3	n/a	462	6.4	n/a

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

* Rates are per 1,000 live births.

- Rates based on fewer than 20 deaths are omitted because they are subject to large random fluctuations.

n/a Not available

Notes: See Technical Notes (page 107) for definition of race/ethnicity categories. Total includes all infant deaths, regardless of race/ethnicity. U.S. rates used in this table were cited from Mathews TJ, MacDorman MF. Infant mortality statistics from the 2004 period linked birth/infant death data set. National Vital Statistics Reports; vol. 55, no. 14. Hyattsville, Maryland: National Center for Health Statistics. 2007.

Table 4-1. Number of Births by Age of Mother and Selected Characteristics, Wisconsin 2006

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	72,302	92	1,840	4,168	17,163	22,235	16,886	8,200	1,611	91
Education										
Elem. or Less	2,929	77	115	125	818	761	591	337	93	11
Some H.S.	8,192	14	1,550	1,329	2,810	1,546	637	230	69	6
H.S. Grad	20,749	-	161	2,346	7,727	5,844	2,955	1,391	311	13
Some College	17,907	-	1	339	4,544	6,511	4,099	1,999	395	17
College Grad	13,689	-	-	-	938	4,959	4,994	2,366	413	18
Post-Grad	8,368	-	4	2	190	2,480	3,511	1,834	322	25
Unknown	468	1	9	27	136	134	99	43	8	1
Marital Status										
Married	47,481	1	125	681	6,968	16,580	14,551	7,164	1,329	78
Unmarried	24,809	91	1,715	3,487	10,195	5,655	2,335	1,036	282	13
Unknown	12	-	-	-	-	-	-	-	-	-
Trimester Prenatal Care Began										
First	60,610	39	1,114	3,016	13,412	19,359	15,043	7,240	1,317	67
Second	8,893	34	538	901	2,883	2,248	1,358	701	211	18
Third	1,631	14	128	145	531	352	263	151	41	5
None	588	2	36	59	182	127	94	52	29	1
Unknown	580	3	24	47	155	149	128	56	13	-
Number of Prenatal Care Visits										
No Visits	583	2	36	59	182	126	94	51	26	1
1-4	1,936	12	122	179	609	451	315	183	57	8
5-9	13,895	37	567	1,066	3,958	3,878	2,742	1,329	297	19
10-12	31,549	26	695	1,662	7,193	9,867	7,729	3,667	687	22
13+	23,449	13	385	1,139	5,002	7,678	5,798	2,871	521	40
Unknown	890	2	35	63	219	235	208	99	23	1
Smoked During Pregnancy										
No	61,399	83	1,537	3,107	13,009	19,137	15,444	7,550	1,444	82
Yes	10,715	9	299	1,051	4,105	3,049	1,395	636	160	8
Unknown	188	-	4	10	49	49	47	14	7	1
Live Birth Order										
1	28,333	92	1,640	3,227	8,445	8,587	4,390	1,621	312	10
2	23,277	-	178	781	5,622	7,468	6,208	2,631	371	15
3	12,053	-	21	143	2,214	3,769	3,599	1,965	323	17
4	4,979	-	-	17	665	1,528	1,534	987	237	10
5+	3,649	-	-	-	213	883	1,153	994	367	39
Unknown	11	-	1	-	4	-	2	2	1	-
Plurality										
Single Birth	70,045	92	1,799	4,093	16,805	21,594	16,195	7,840	1,534	77
Multiple Birth	2,257	-	41	75	358	641	691	360	77	14
Prematurity										
Full-Term (37+ Weeks)	64,185	73	1,562	3,643	15,225	19,945	15,035	7,213	1,403	74
Premature (<37 Weeks)	8,104	19	277	524	1,935	2,284	1,850	986	208	17
Unknown	13	-	1	1	3	6	1	1	-	-
Attendant at Birth										
Physician, M.D.	63,207	77	1,515	3,556	14,617	19,479	15,058	7,388	1,424	82
Physician, D.O.	3,066	3	87	191	760	986	669	312	57	1
Cert. Nurse Midwife	4,938	10	230	403	1,553	1,460	883	342	54	3
Other Midwife	739	-	1	5	159	211	193	111	54	5
Other	351	2	7	13	74	99	83	47	22	-
Unknown	1	-	-	-	-	-	-	-	-	-

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Included in the totals are 16 births for which age of mother was not reported. A dash (-) indicates that there were no births in that category.

Table 4-2. Percent of Births by Age of Mother and Selected Characteristics, Wisconsin 2006

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	100.0%									
Education										
Elem. or Less	4.1	83.7	6.3	3.0	4.8	3.4	3.5	4.1	5.8	12.1
Some H.S.	11.3	15.2	84.2	31.9	16.4	7.0	3.8	2.8	4.3	6.6
H.S. Grad	28.7	-	8.8	56.3	45.0	26.3	17.5	17.0	19.3	14.3
Some College	24.8	-	0.1	8.1	26.5	29.3	24.3	24.4	24.5	18.7
College Grad	18.9	-	-	-	5.5	22.3	29.6	28.9	25.6	19.8
Post-Grad	11.6	-	0.2	0.0	1.1	11.2	20.8	22.4	20.0	27.5
Unknown	0.6	1.1	0.5	0.6	0.8	0.6	0.6	0.5	0.5	1.1
Marital Status										
Married	65.7	1.1	6.8	16.3	40.6	74.6	86.2	87.4	82.5	85.7
Unmarried	34.3	98.9	93.2	83.7	59.4	25.4	13.8	12.6	17.5	14.3
Unknown	0.0	-	-	-	-	-	-	-	-	-
Trimester Prenatal Care Began										
First	83.8	42.4	60.5	72.4	78.1	87.1	89.1	88.3	81.8	73.6
Second	12.3	37.0	29.2	21.6	16.8	10.1	8.0	8.5	13.1	19.8
Third	2.3	15.2	7.0	3.5	3.1	1.6	1.6	1.8	2.5	5.5
None	0.8	2.2	2.0	1.4	1.1	0.6	0.6	0.6	1.8	1.1
Unknown	0.8	3.3	1.3	1.1	0.9	0.7	0.8	0.7	0.8	-
Number of Prenatal Care Visits										
No Visits	0.8	2.2	2.0	1.4	1.1	0.6	0.6	0.6	1.6	1.1
1-4	2.7	13.0	6.6	4.3	3.5	2.0	1.9	2.2	3.5	8.8
5-9	19.2	40.2	30.8	25.6	23.1	17.4	16.2	16.2	18.4	20.9
10-12	43.6	28.3	37.8	39.9	41.9	44.4	45.8	44.7	42.6	24.2
13+	32.4	14.1	20.9	27.3	29.1	34.5	34.3	35.0	32.3	44.0
Unknown	1.2	2.2	1.9	1.5	1.3	1.1	1.2	1.2	1.4	1.1
Smoked During Pregnancy										
No	84.9	90.2	83.5	74.5	75.8	86.1	91.5	92.1	89.6	90.1
Yes	14.8	9.8	16.3	25.2	23.9	13.7	8.3	7.8	9.9	8.8
Unknown	0.3	-	0.2	0.2	0.3	0.2	0.3	0.2	0.4	1.1
Live Birth Order										
1	39.2	100.0	89.1	77.4	49.2	38.6	26.0	19.8	19.4	11.0
2	32.2	-	9.7	18.7	32.8	33.6	36.8	32.1	23.0	16.5
3	16.7	-	1.1	3.4	12.9	17.0	21.3	24.0	20.0	18.7
4	6.9	-	-	0.4	3.9	6.9	9.1	12.0	14.7	11.0
5+	5.0	-	-	-	1.2	4.0	6.8	12.1	22.8	42.9
Unknown	0.0	-	0.1	-	0.0	-	0.0	0.0	0.1	-
Plurality										
Single Birth	96.9	100.0	97.8	98.2	97.9	97.1	95.9	95.6	95.2	84.6
Multiple Birth	3.1	-	2.2	1.8	2.1	2.9	4.1	4.4	4.8	15.4
Prematurity										
Full Term (37+ Weeks)	88.8	79.3	84.9	87.4	88.7	89.7	89.0	88.0	87.1	81.3
Premature (<37 Weeks)	11.2	20.7	15.1	12.6	11.3	10.3	11.0	12.0	12.9	18.7
Unknown	0.0	-	0.1	0.0	0.0	0.0	0.0	0.0	-	-
Attendant at Birth										
Physician, M.D.	87.4	83.7	82.3	85.3	85.2	87.6	89.2	90.1	88.4	90.1
Physician, D.O.	4.2	3.3	4.7	4.6	4.4	4.4	4.0	3.8	3.5	1.1
Cert. Nurse Midwife	6.8	10.9	12.5	9.7	9.0	6.6	5.2	4.2	3.4	3.3
Other Midwife	1.0	-	0.1	0.1	0.9	0.9	1.1	1.4	3.4	5.5
Other	0.5	2.2	0.4	0.3	0.4	0.4	0.5	0.6	1.4	-
Unknown	0.0	-	-	-	-	-	-	-	-	-

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Included in the totals are 16 births for which age of mother was not reported. A dash (-) indicates that there were no births in that category.

Table 4-3. Number of Births by Race/Ethnicity of Mother and Selected Characteristics, Wisconsin 2006

	Total	White	Black/Afr. American	American Indian	Hispanic/ Latino	Laotian/ Hmong	Other Asian
Total	72,302	54,525	7,020	1,146	6,861	1,239	1,484
Age of Mother							
<15	92	24	46	4	14	3	1
15-17	1,840	777	573	62	336	79	12
18-19	4,168	2,338	921	115	617	122	53
20-24	17,163	11,369	2,512	431	2,120	514	208
25-29	22,235	17,622	1,657	295	1,912	280	465
30-34	16,886	14,001	861	148	1,246	149	481
35-39	8,200	6,941	355	78	527	69	228
40-44	1,611	1,368	92	12	85	20	34
45+	91	81	2	-	4	3	1
Unknown	16	4	1	1	-	-	1
Education of Mother							
Elem. or Less	2,929	1,026	143	25	1,475	219	41
Some H.S.	8,192	3,522	2,190	294	1,934	178	71
H.S. Grad	20,749	14,897	2,646	454	2,036	453	256
Some College	17,907	14,872	1,453	277	813	238	254
College Grad	13,689	12,498	301	58	355	84	392
Post-Grad	8,368	7,471	206	29	181	35	444
Unknown	468	239	81	9	67	32	26
Marital Status							
Married	47,481	40,340	1,170	323	3,396	949	1,298
Unmarried	24,809	14,183	5,850	822	3,465	290	186
Unknown	12	2	-	1	-	-	-
Trimester Prenatal Care Began							
First	60,610	47,632	5,223	823	4,962	729	1,230
Second	8,893	5,294	1,273	248	1,455	419	202
Third	1,631	926	278	47	295	56	29
None	588	313	153	20	72	14	6
Unknown	580	360	93	8	77	21	17
Number of Prenatal Care Visits							
No Visits	583	308	153	20	72	14	6
1-4	1,936	1,125	409	50	273	47	31
5-9	13,895	9,215	1,590	355	1,962	475	293
10-12	31,549	24,659	2,479	416	2,842	458	691
13+	23,449	18,679	2,241	289	1,578	221	438
Unknown	890	539	148	16	134	24	25
Smoked During Pregnancy							
No	61,399	45,749	5,845	711	6,461	1,173	1,443
Yes	10,715	8,652	1,152	431	377	61	39
Unknown	188	124	23	4	23	5	2
Live Birth Order							
1	28,333	22,101	2,445	410	2,309	361	690
2	23,277	18,241	1,795	305	2,130	292	509
3	12,053	8,756	1,292	209	1,409	214	172
4	4,979	3,343	703	126	618	122	66
5+	3,649	2,081	781	96	394	249	47
Unknown	11	3	4	-	1	1	-

(Continued)

Table 4-3. Number of Births by Race/Ethnicity of Mother and Selected Characteristics, Wisconsin 2006

	Total	White	Black/Afr. American	American Indian	Hispanic/ Latino	Laotian/ Hmong	Other Asian
Total	72,302	54,525	7,020	1,146	6,861	1,239	1,484
Prematurity							
Full Term (37+ Weeks)	64,185	48,912	5,766	1,006	6,036	1,101	1,343
Premature (<37 Weeks)	8,104	5,607	1,251	139	824	138	140
Unknown	13	6	3	1	1	-	1
Gestational Age (Weeks)							
16-31 Weeks	1,431	918	299	25	137	24	25
32-35 Weeks	3,653	2,502	562	61	397	55	74
36 Weeks	3,020	2,187	390	53	290	59	41
37-41 Weeks	58,806	45,029	5,204	882	5,479	941	1,252
42-45 Weeks	5,379	3,883	562	124	557	160	91
Unknown	13	6	3	1	1	-	1

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Included in the totals are 27 births for which race/ethnicity of mother was not reported. A dash (-) indicates that there were no births in that category. "Premature" means less than 37 weeks of gestation. Gestational age is calculated as the difference between the date of last normal menses and the date of delivery. Where date of last normal menses was unknown or invalid, i.e., less than 16 weeks or greater than 45 weeks, clinical estimate of gestation was substituted.

Table 4-4. Percent of Births by Race/Ethnicity of Mother and Selected Characteristics, Wisconsin 2006

	Total	White	Black/Afr. American	American Indian	Hispanic/ Latino	Laotian/ Hmong	Other Asian
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Age of Mother							
<15	0.1	0.0	0.7	0.3	0.2	0.2	0.1
15-17	2.5	1.4	8.2	5.4	4.9	6.4	0.8
18-19	5.8	4.3	13.1	10.0	9.0	9.8	3.6
20-24	23.7	20.9	35.8	37.6	30.9	41.5	14.0
25-29	30.8	32.3	23.6	25.7	27.9	22.6	31.3
30-34	23.4	25.7	12.3	12.9	18.2	12.0	32.4
35-39	11.3	12.7	5.1	6.8	7.7	5.6	15.4
40-44	2.2	2.5	1.3	1.0	1.2	1.6	2.3
45+	0.1	0.1	0.0	-	0.1	0.2	0.1
Unknown	0.0	0.0	0.0	0.1	-	-	0.1
Education of Mother							
Elem. or Less	4.1	1.9	2.0	2.2	21.5	17.7	2.8
Some H.S.	11.3	6.5	31.2	25.7	28.2	14.4	4.8
H.S. Grad	28.7	27.3	37.7	39.6	29.7	36.6	17.3
Some College	24.8	27.3	20.7	24.2	11.8	19.2	17.1
College Grad	18.9	22.9	4.3	5.1	5.2	6.8	26.4
Post-Grad	11.6	13.7	2.9	2.5	2.6	2.8	29.9
Unknown	0.6	0.4	1.2	0.8	1.0	2.6	1.8
Marital Status							
Married	65.7	74.0	16.7	28.2	49.5	76.6	87.5
Unmarried	34.3	26.0	83.3	71.7	50.5	23.4	12.5
Unknown	0.0	0.0	-	0.1	-	-	-
Trimester Prenatal Care Began							
First	83.8	87.4	74.4	71.8	72.3	58.8	82.9
Second	12.3	9.7	18.1	21.6	21.2	33.8	13.6
Third	2.3	1.7	4.0	4.1	4.3	4.5	2.0
None	0.8	0.6	2.2	1.7	1.0	1.1	0.4
Unknown	0.8	0.7	1.3	0.7	1.1	1.7	1.1
Number of Prenatal Care Visits							
No Visits	0.8	0.6	2.2	1.7	1.0	1.1	0.4
1-4	2.7	2.1	5.8	4.4	4.0	3.8	2.1
5-9	19.2	16.9	22.6	31.0	28.6	38.3	19.7
10-12	43.6	45.2	35.3	36.3	41.4	37.0	46.6
13+	32.4	34.3	31.9	25.2	23.0	17.8	29.5
Unknown	1.2	1.0	2.1	1.4	2.0	1.9	1.7
Smoked During Pregnancy							
No	84.9	83.9	83.3	62.0	94.2	94.7	97.2
Yes	14.8	15.9	16.4	37.6	5.5	4.9	2.6
Unknown	0.3	0.2	0.3	0.3	0.3	0.4	0.1
Live Birth Order							
1	39.2	40.5	34.8	35.8	33.7	29.1	46.5
2	32.2	33.5	25.6	26.6	31.0	23.6	34.3
3	16.7	16.1	18.4	18.2	20.5	17.3	11.6
4	6.9	6.1	10.0	11.0	9.0	9.8	4.4
5+	5.0	3.8	11.1	8.4	5.7	20.1	3.2
Unknown	0.0	0.0	0.1	-	0.0	0.1	-

(Continued)

Table 4-4. Percent of Births by Race/Ethnicity of Mother and Selected Characteristics, Wisconsin 2006

	Total	White	Black/Afr. American	American Indian	Hispanic/ Latino	Laotian/ Hmong	Other Asian
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Prematurity							
Full Term (37+ Weeks)	88.8	89.7	82.1	87.8	88.0	88.9	90.5
Premature (<37 Weeks)	11.2	10.3	17.8	12.1	12.0	11.1	9.4
Unknown	0.0	0.0	0.0	0.1	0.0	-	0.1
Gestational Age (Weeks)							
16-31 Weeks	2.0	1.7	4.3	2.2	2.0	1.9	1.7
32-35 Weeks	5.1	4.6	8.0	5.3	5.8	4.4	5.0
36 Weeks	4.2	4.0	5.6	4.6	4.2	4.8	2.8
37-41 Weeks	81.3	82.6	74.1	77.0	79.9	75.9	84.4
42-45 Weeks	7.4	7.1	8.0	10.8	8.1	12.9	6.1
Unknown	0.0	0.0	0.0	0.1	0.0	-	0.1

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Included in the totals are 27 births for which race/ethnicity of mother was not reported. A dash (-) indicates that there were no births in that category. "Premature" means less than 37 weeks of gestation. Gestational age is calculated as the difference between the date of last normal menses and the date of delivery. Where date of last normal menses is unknown or invalid, i.e., less than 16 weeks or greater than 45 weeks, clinical estimate of gestation was substituted.

Table 4-5. Number and Percent of Births by Birthweight and Selected Characteristics, Wisconsin 2006

	Total Births	<1,500 Grams		1,500-2,499 Grams		2,500+ Grams		Total <2,500 Grams	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	72,302	914	1.3	4,080	5.6	67,294	93.1	4,994	6.9
Plurality									
Single Birth	70,045	683	1.0	3,071	4.4	66,278	94.6	3,754	5.4
Multiple Birth	2,257	231	10.2	1,009	44.7	1,016	45.0	1,240	54.9
Prematurity									
Full Term (37+ Weeks)	64,185	25	0.0	1,592	2.5	62,559	97.5	1,617	2.5
Premature (<37 Weeks)	8,104	888	11.0	2,486	30.7	4,727	58.3	3,374	41.6
Unknown	13	1	7.7	2	15.4	8	61.5	3	23.1
Age of Mother									
<15	92	-	-	7	7.6	85	92.4	7	7.6
15-17	1,840	41	2.2	164	8.9	1,635	88.9	205	11.1
18-19	4,168	69	1.7	296	7.1	3,803	91.2	365	8.8
20-24	17,163	230	1.3	1,038	6.0	15,891	92.6	1,268	7.4
25-29	22,235	241	1.1	1,101	5.0	20,888	93.9	1,342	6.0
30-34	16,886	192	1.1	882	5.2	15,809	93.6	1,074	6.4
35-39	8,200	123	1.5	458	5.6	7,617	92.9	581	7.1
40-44	1,611	17	1.1	117	7.3	1,477	91.7	134	8.3
45+	91	-	-	14	15.4	77	84.6	14	15.4
Unknown	16	1	6.3	3	18.8	12	75.0	4	25.0
Race/Ethnicity of Mother									
White	54,525	563	1.0	2,798	5.1	51,156	93.8	3,361	6.2
Black/Afr. American	7,020	214	3.0	734	10.5	6,072	86.5	948	13.5
American Indian	1,146	19	1.7	59	5.1	1,066	93.0	78	6.8
Hispanic/Latino	6,861	87	1.3	341	5.0	6,431	93.7	428	6.2
Laotian/Hmong	1,239	14	1.1	62	5.0	1,163	93.9	76	6.1
Other Asian	1,484	14	0.9	83	5.6	1,387	93.5	97	6.5
Unknown	27	3	11.1	3	11.1	19	70.4	6	22.2
Education of Mother									
Elem. or Less	2,929	28	1.0	114	3.9	2,787	95.2	142	4.8
Some H.S.	8,192	164	2.0	673	8.2	7,355	89.8	837	10.2
H.S. Grad	20,749	282	1.4	1,289	6.2	19,175	92.4	1,571	7.6
Some College	17,907	187	1.0	936	5.2	16,780	93.7	1,123	6.3
College Grad	13,689	135	1.0	596	4.4	12,953	94.6	731	5.3
Post-Grad	8,368	81	1.0	429	5.1	7,857	93.9	510	6.1
Unknown	468	37	7.9	43	9.2	387	82.7	80	17.1
Marital Status									
Married	47,481	469	1.0	2,230	4.7	44,775	94.3	2,699	5.7
Unmarried	24,809	444	1.8	1,847	7.4	22,511	90.7	2,291	9.2
Unknown	12	1	8.3	3	25.0	8	66.7	4	33.3

(Continued)

Table 4-5. Number and Percent of Births by Birthweight and Selected Characteristics, Wisconsin 2006

	Total Births	<1,500 Grams		1,500-2,499 Grams		2,500+ Grams		Total <2,500 Grams	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Trimester Prenatal Care Began									
First	60,610	704	1.2	3,349	5.5	56,549	93.3	4,053	6.7
Second	8,893	108	1.2	521	5.9	8,262	92.9	629	7.1
Third	1,631	6	0.4	84	5.2	1,539	94.4	90	5.5
None	588	55	9.4	70	11.9	462	78.6	125	21.3
Unknown	580	41	7.1	56	9.7	482	83.1	97	16.7
Number of Prenatal Care Visits									
No Visits	583	55	9.4	67	11.5	460	78.9	122	20.9
1-4	1,936	131	6.8	172	8.9	1,632	84.3	303	15.7
5-9	13,895	397	2.9	1,244	9.0	12,250	88.2	1,641	11.8
10-12	31,549	133	0.4	1,373	4.4	30,039	95.2	1,506	4.8
13+	23,449	139	0.6	1,120	4.8	22,187	94.6	1,259	5.4
Unknown	890	59	6.6	104	11.7	726	81.6	163	18.3
Smoked During Pregnancy									
No	61,399	709	1.2	3,091	5.0	57,587	93.8	3,800	6.2
Yes	10,715	193	1.8	961	9.0	9,560	89.2	1,154	10.8
Unknown	188	12	6.4	28	14.9	147	78.2	40	21.3
Type of Delivery									
Vaginal After									
Previous C-Section	1,017	11	1.1	42	4.1	964	94.8	53	5.2
Forceps	812	3	0.4	31	3.8	778	95.8	34	4.2
Other Vaginal	52,713	408	0.8	2,417	4.6	49,878	94.6	2,825	5.4
Primary C-Section	10,342	416	4.0	1,179	11.4	8,744	84.5	1,595	15.4
Repeat C-Section	7,418	76	1.0	411	5.5	6,930	93.4	487	6.6
Live Birth Order									
1	28,333	401	1.4	1,694	6.0	26,228	92.6	2,095	7.4
2	23,277	241	1.0	1,126	4.8	21,909	94.1	1,367	5.9
3	12,053	132	1.1	688	5.7	11,233	93.2	820	6.8
4	4,979	71	1.4	303	6.1	4,603	92.4	374	7.5
5+	3,649	68	1.9	268	7.3	3,313	90.8	336	9.2
Unknown	11	1	9.1	1	9.1	8	72.7	2	18.2
Congenital Anomalies									
No	71,160	877	1.2	3,966	5.6	66,304	93.2	4,843	6.8
Yes	1,142	37	3.2	114	10.0	990	86.7	151	13.2

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Included in the totals are 14 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 births in that category.

Table 4-6. Number and Percent of Births by Estimated Gestational Age and Birthweight, Wisconsin 2006

Birthweight	Estimated Gestational Age (in Weeks)										
	Total	17-19	20-27	28-31	32-35	36	37-39	40	41	42+	Unk.
<i>Number</i>											
Total	72,302	39	524	865	3,653	3,020	36,688	14,919	7,199	5,379	13
<500 Grams	124	32	83	4	1	-	-	-	-	-	1
500-999 Grams	332	2	242	71	15	-	1	1	-	-	-
1,000-1,499 Gms	458	-	63	262	101	9	14	3	1	5	-
1,500-1,999 Gms	1,040	-	18	204	568	82	124	20	11	12	1
2,000-2,499 Gms	3,040	1	13	74	1,045	481	1,089	165	69	102	1
2,500-2,999 Gms	11,644	-	31	66	984	1,170	6,675	1,401	643	671	3
3,000-3,499 Gms	26,883	2	38	111	596	921	15,148	5,548	2,497	2,020	2
3,500-3,999 Gms	21,379	1	27	52	275	284	10,547	5,616	2,743	1,833	1
4,000-4,499 Gms	6,266	-	7	18	52	61	2,652	1,868	1,009	597	2
4,500+ Grams	1,122	-	1	3	15	12	437	292	224	138	-
Unknown	14	1	1	-	1	-	1	5	2	1	2
<i>Percent</i>											
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<500 Grams	0.2	82.1	15.8	0.5	0.0	-	-	-	-	-	7.7
500-999 Grams	0.5	5.1	46.2	8.2	0.4	-	0.0	0.0	-	-	-
1,000-1,499 Gms	0.6	-	12.0	30.3	2.8	0.3	0.0	0.0	0.0	0.1	-
1,500-1,999 Gms	1.4	-	3.4	23.6	15.5	2.7	0.3	0.1	0.2	0.2	7.7
2,000-2,499 Gms	4.2	2.6	2.5	8.6	28.6	15.9	3.0	1.1	1.0	1.9	7.7
2,500-2,999 Gms	16.1	-	5.9	7.6	26.9	38.7	18.2	9.4	8.9	12.5	23.1
3,000-3,499 Gms	37.2	5.1	7.3	12.8	16.3	30.5	41.3	37.2	34.7	37.6	15.4
3,500-3,999 Gms	29.6	2.6	5.2	6.0	7.5	9.4	28.7	37.6	38.1	34.1	7.7
4,000-4,499 Gms	8.7	-	1.3	2.1	1.4	2.0	7.2	12.5	14.0	11.1	15.4
4,500+ Grams	1.6	-	0.2	0.3	0.4	0.4	1.2	2.0	3.1	2.6	-
Unknown	0	2.6	0.2	-	0.0	-	0.0	0.0	0.0	0.0	15.4

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: In the totals there are 3 births with gestational age less than 17 weeks. Estimated gestational age in weeks is calculated using the date of last normal menses and the date of delivery. Where date of last normal menses was unknown or invalid, i.e., less than 16 weeks or greater than 45 weeks, clinical estimate of gestational age was substituted.

Table 4-7. Number and Percent of Births by Race/Ethnicity of Mother and Birthweight, Wisconsin 2006

Birthweight	Total	White	Black/Afr. American	American Indian	Hispanic/ Latino	Laotian/ Hmong	Other Asian
<i>Number</i>							
Total	72,302	54,525	7,020	1,146	6,861	1,239	1,484
<500 Grams	124	57	51	1	10	2	1
500-999 Grams	332	216	72	9	26	4	5
1,000-1,499 Gms	458	290	91	9	51	8	8
1,500-1,999 Gms	1,040	698	212	10	87	13	19
2,000-2,499 Gms	3,040	2,100	522	49	254	49	64
2,500-2,999 Gms	11,644	7,901	1,850	176	1,063	312	336
3,000-3,499 Gms	26,883	19,955	2,649	366	2,735	545	626
3,500-3,999 Gms	21,379	17,147	1,260	370	2,010	259	329
4,000-4,499 Gms	6,266	5,219	264	130	530	40	83
4,500+ Grams	1,122	934	49	24	93	7	13
Unknown	14	8	-	2	2	-	-
<i>Percent</i>							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<500 Grams	0.2	0.1	0.7	0.1	0.1	0.2	0.1
500-999 Grams	0.5	0.4	1.0	0.8	0.4	0.3	0.3
1,000-1,499 Gms	0.6	0.5	1.3	0.8	0.7	0.6	0.5
1,500-1,999 Gms	1.4	1.3	3.0	0.9	1.3	1.0	1.3
2,000-2,499 Gms	4.2	3.9	7.4	4.3	3.7	4.0	4.3
2,500-2,999 Gms	16.1	14.5	26.4	15.4	15.5	25.2	22.6
3,000-3,499 Gms	37.2	36.6	37.7	31.9	39.9	44.0	42.2
3,500-3,999 Gms	29.6	31.4	17.9	32.3	29.3	20.9	22.2
4,000-4,499 Gms	8.7	9.6	3.8	11.3	7.7	3.2	5.6
4,500+ Grams	1.6	1.7	0.7	2.1	1.4	0.6	0.9
Unknown	0.0	0.0	-	0.2	0.0	-	-

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Included in the totals are 27 births for which race/ethnicity of mother was not reported. A dash (-) indicates that there were no births in that category.

Table 4-8. Fetal, Neonatal, and Infant Deaths by Selected Characteristics, Wisconsin 2006

	Fetal Deaths (Gestation \geq 20 weeks)		Neonatal Deaths (Age <28 days)		Infant Deaths (Age <1 year)	
	Number	Rate	Number	Rate	Number	Rate
Total	384	5.3	311	4.3	462	6.4
Sex of Infant						
Male	195	5.2	177	4.8	265	7.2
Female	185	5.2	134	3.8	197	5.6
Unknown	4	-	-	-	-	-
Birthweight						
1,499 Grams or Less	226	198.2	237	259.3	260	284.5
1,500-2,499 Grams	66	15.9	23	5.6	44	10.8
2,500+ Grams	87	1.3	46	0.7	153	2.3
Unknown	5	-	5	-	5	-
<u>White Non-Hispanic</u>						
1,499 Grams or Less	263	4.8	176	3.2	268	4.9
1,500-2,499 Grams	147	207.0	131	232.7	143	254.0
2,500+ Grams	48	16.9	13	-	24	8.6
Unknown	64	1.2	30	0.6	99	1.9
Unknown	4	-	2	-	2	-
<u>Black Non-Hispanic</u>						
1,499 Grams or Less	76	10.7	85	12.1	121	17.2
1,500-2,499 Grams	52	195.5	71	331.8	80	373.8
2,500+ Grams	12	-	7	-	13	-
Unknown	12	-	7	-	28	4.6
Unknown						
Gestational Age (Weeks)						
<37 Weeks	294	35.0	263	32.5	316	39.0
16-31 Weeks	222	134.3	238	166.3	261	182.4
32-35 Weeks	59	15.9	17	-	39	10.7
36 Weeks	13	-	8	-	16	-
37-41 Weeks	84	1.4	44	0.7	132	2.2
42-45 Weeks	4	-	3	-	13	-
Unknown	2	-	1	-	1	-
Marital Status						
Married	212	4.4	160	3.4	222	4.7
Unmarried	172	6.9	151	6.1	240	9.7
Unknown	-	-	-	-	-	-
Education of Mother						
Elementary or Less	16	-	16	-	23	7.9
Some High School	40	4.9	45	5.5	80	9.8
High School Graduate	133	6.4	80	3.9	133	6.4
Some College	73	4.1	74	4.1	103	5.8
College Graduate	58	4.2	36	2.6	49	3.6
Post Graduate	32	3.8	27	3.2	38	4.5
Unknown	32	64.0	33	70.5	36	76.9

(Continued)

Table 4-8. Fetal, Neonatal, and Infant Deaths by Selected Characteristics, Wisconsin 2006

	Fetal Deaths (Gestation \geq 20 weeks)		Neonatal Deaths (Age <28 days)		Infant Deaths (Age <1 year)	
	Number	Rate	Number	Rate	Number	Rate
Age of Mother						
<15	3	-	-	-	-	-
15-17	14	-	9	-	18	-
18-19	33	7.9	22	5.3	35	8.4
20-24	74	4.3	73	4.3	130	7.6
25-29	113	5.1	87	3.9	121	5.4
30-34	80	4.7	70	4.1	93	5.5
35-39	49	5.9	43	5.2	55	6.7
40+	16	-	7	-	9	-
Unknown	2	-	-	-	1	-
Race/Ethnicity of Mother						
White	263	4.8	176	3.2	268	4.9
Black/African American	76	10.7	85	12.1	121	17.2
American Indian	3	-	5	-	12	-
Hispanic/Latino	28	4.1	33	4.8	43	6.3
Laotian/Hmong	2	-	4	-	6	-
Other Asian	9	-	6	-	10	-
Unknown	3	-	2	-	2	-
Trimester Prenatal Care Began						
First	305	5.0	225	3.7	340	5.6
Second	44	4.9	29	3.3	49	5.5
Third	7	-	4	-	14	-
None	10	-	29	49.3	32	54.4
Unknown	18	-	24	41.4	27	46.6
Number of Prenatal Care Visits						
No Visits	11	-	29	49.7	32	54.9
1-4 Visits	82	40.6	68	35.1	86	44.4
5-9 Visits	141	10.0	104	7.5	153	11.0
10-12 Visits	73	2.3	40	1.3	85	2.7
13+ Visits	55	2.3	41	1.7	75	3.2
Unknown	22	24.1	29	32.6	31	34.8
Plurality						
Single Birth	353	5.0	244	3.5	380	5.4
Multiple Birth	31	13.5	67	29.7	82	36.3
Smoked During Pregnancy						
No	311	5.0	254	4.1	357	5.8
Yes	72	6.7	51	4.8	99	9.2
Unknown	1	-	6	-	6	-

Source: Fetal death and matched birth-death files, Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: The fetal death rate is based on the number of fetal deaths per 1,000 live births and reported 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.

Table 4-9. Selected Birth Rates, Mortality Rates, and Birth Characteristics, Wisconsin 2006 and United States, 2004

Birth Rates	Wisconsin		United States
	Rate		Rate
Crude Birth Rate (births per 1,000 total population)	12.9		14.0
General Fertility Rate (births per 1,000 females ages 15-44)	63.4		66.3
Teen Birth Rate (births per 1,000 females ages 15-19)	30.6	31.1*	41.1
Mortality Rates			
Infant Mortality Rate (infant deaths per 1,000 live births)	6.4		6.8
Infant Mortality Rate – Black Non-Hispanic	17.2		13.6
Infant Mortality Rate – White Non-Hispanic	4.9		5.7
Neonatal Mortality Rate (deaths <28 days of age per 1,000 live births)	4.3		4.5
Perinatal Mortality Rate (fetal deaths and deaths <28 days of age per 1,000 live births and fetal deaths)	11.6	6.5**	6.9***
Birth Characteristics			
	Percent		Percent
Mother Unmarried	34.3%		35.8%
First-Trimester Prenatal Care	83.8		83.9
Late or No Prenatal Care	3.1		3.6
Maternal Smoking	14.8		10.2
C-Section Delivery	24.6		29.1
Birth Order 4+	11.9		11.0
Low Birthweight	6.9		8.1
Low Birthweight – Black Non-Hispanic	13.5		13.7
Low Birthweight – White Non-Hispanic	6.2%		7.2%

Source: Resident birth certificates, matched birth-death file and fetal death file, Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

* This Wisconsin rate is calculated to be comparable to previous Wisconsin publications, which included births to mothers younger than 15. See Technical Notes (page 107) for an explanation of birth rate calculations.

** This Wisconsin rate is calculated to be comparable to the U.S. rate, which includes the number of late fetal deaths (greater than or equal to 28 weeks of gestation) plus infant deaths within seven days of birth per 1,000 live births plus late fetal deaths.

*** Rate for 2002, the latest available data. The US perinatal mortality rate is cited from Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System: Hoyert DL, Heron M, Murphy SL, Kung HC. Health, United States, 2005 With Chartbook on Trends in the Health of Americans. Hyattsville, Maryland: 2006.

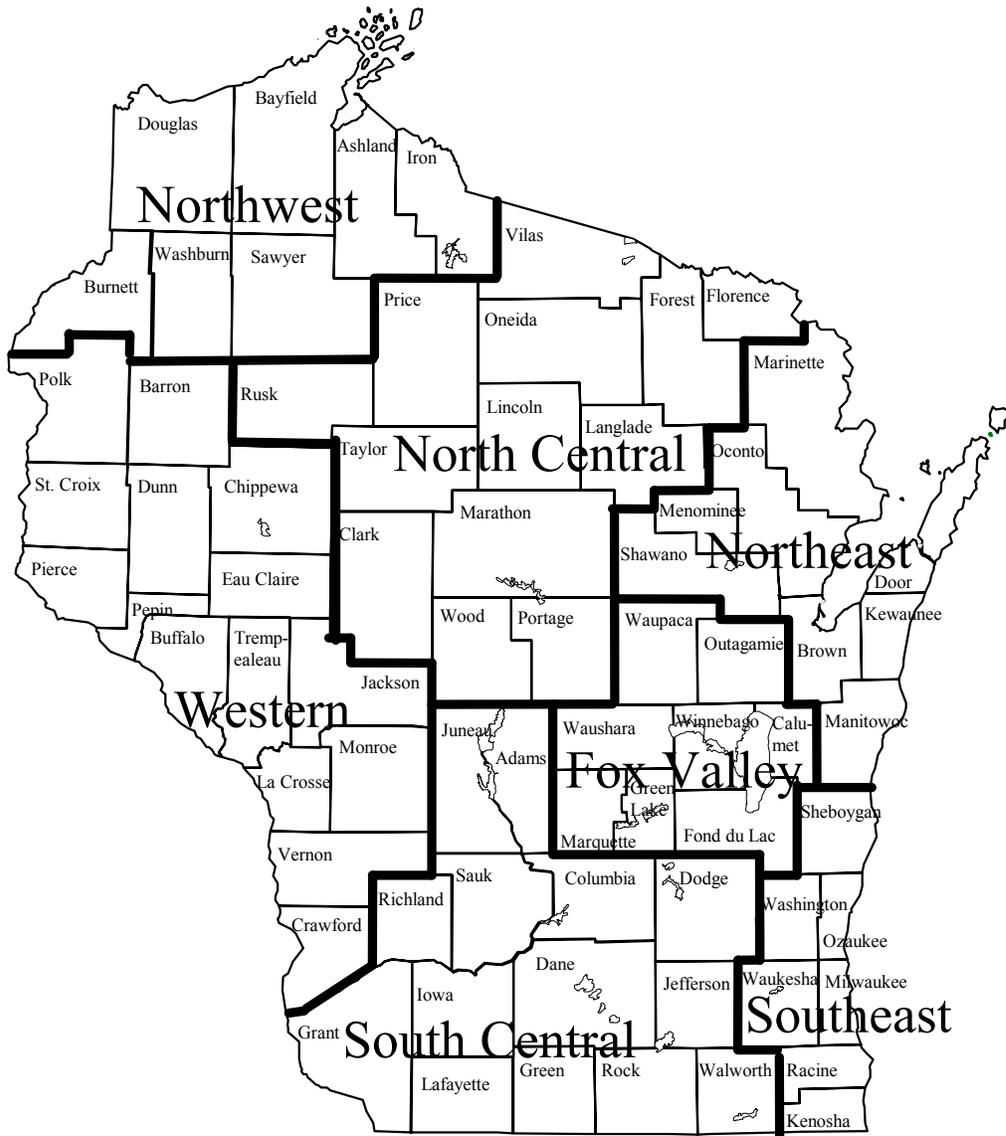
Map 1. Wisconsin Department of Health and Family Services Regions, 2006



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Vernon County was reassigned from the Western to the Southern Region effective February 2004. This change is reflected in the data presented for 2003 and subsequent years. Comparisons with regional data in previous publications may be affected.

Map 2. Wisconsin Perinatal Regions, 2006



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: See Technical Notes (page 107) for explanation of Perinatal Regions.

Sources, Definitions, and Explanations of Terms

National Data. Unless otherwise noted, national data used in this report were cited from Martin JA, Hamilton BE, Sutton PD, et al. Births: Final data for 2004. *National Vital Statistics Reports*, Vol. 55, No. 1. Hyattsville, Maryland: National Center for Health Statistics, 2006. National infant mortality data are drawn from Mathews TJ, MacDorman MF. Infant mortality statistics from the 2004 period linked birth/infant death data set. *National Vital Statistics Reports*, Vol. 55, No. 15. Hyattsville, Maryland: National Center for Health Statistics, 2007.

Birth Rate Calculations. Beginning with this publication of 2006 Wisconsin birth data, a change was made in the way birth rates at the youngest and oldest maternal ages are calculated. This change was made to make the rates comparable to national statistics.

In previous years, Wisconsin teen birth rates (the rate of births to mothers aged 15-19, and the rate of births to mothers aged 15-17) included births to mothers under age 15 in the numerator. The rate was calculated as the number of births to mothers less than 20 (or less than 18) divided by the number of females aged 15-19 (or 15-17), multiplied by 1,000. In this report, births to mothers aged 10-14 were placed in a separate category whenever birth rates were shown.

Similarly, births to mothers aged 45 and older were previously included in birth rates for women aged 40-44; the result was then divided by the number of females aged 40-44 and multiplied by 1,000. In this report, births to women 45 years of age and older were removed from the 40-44 birth rate calculations.

Table 1-1, Figure 2, Figure 4, and Table 3-2 have been affected by these changes.

Race/Ethnicity Classifications. All live births, fetal deaths and infant deaths were classified by race/ethnicity and Hispanic/Latino origin of mother into one of six categories: non-Hispanic white, non-Hispanic black or African American, non-Hispanic American Indian, Hispanic or Latino, non-Hispanic Laotian or Hmong, and non-Hispanic “other Asian,” which includes Asian groups other than Laotian/Hmong, as well as Pacific Islanders such as Hawaiians. Hispanics/Latinos may be of any race.

Prior to 1994, Wisconsin birth reports included a Race/Ethnicity category labeled “Indochinese.” Beginning in 1994, this category was redefined as “Laotian/Hmong” (constituting 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.

The Asian category used in birth rates by race/ethnicity calculations is made up of Chinese, Japanese, Filipino, Other Asian/Pacific Islander, Laotian, Vietnamese, Korean, Cambodian, and Hmong.

Birth Certificate Checklists. Since 1989, data on maternal health, pregnancy, delivery, and some dimensions of birth outcomes are 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.” 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 annual reports since 1989 (*Maternal and Child Health Statistics* and *Wisconsin Births and Infant Deaths*).

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 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. Since 1990, edits have been expanded to include “Medical history for this pregnancy,” “Obstetric procedures,” and “Events of labor and/or 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. A dvance 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. Births were classified as premature (less than full term) if the gestational age was less than 37 weeks. To determine gestational age, a prematurity index is used; this is usually 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 or invalid or the computed estimate of gestational age is less than 16 weeks or greater than 45 weeks. The use of this index decreases the number of records with unknown gestational age.

Mortality

Infant Deaths. 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 2006, rather than the mortality experience of the 2006 birth cohort, to allow more timely reporting on infant mortality.

Causes of Death. Causes of death in this report have been coded according to the International Classification of Diseases (ICD), Tenth Edition. Before the 1999 data year, causes of death were coded according to the ICD, Ninth Edition. This change does not affect comparability between years for four of the five leading causes of infant death shown in this report (Conditions Originating in the Perinatal Period; Congenital Malformations, Deformations and Chromosomal Anomalies; Sudden Infant Death Syndrome or SIDS; and Accidents – see Pages 34 and 35).

Fetal Deaths. A fetal death or stillbirth is “a fetus which, after complete expulsion or extraction from the woman, does not breathe or show other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of the voluntary muscles.” By Wisconsin statute, a stillbirth of at least 20 weeks’ gestation or 350 grams must be reported. (Note: A fetal death report is not used for induced terminations of pregnancy (induced abortions).) Some stillbirths (fetal deaths) to Wisconsin residents are not included in this publication because some were less than 20 weeks’ gestation, some occurred outside Wisconsin, and an unknown number that occurred within the state were not reported.

Perinatal Deaths. Includes all reported fetal deaths of 20 or more weeks of gestation and all neonatal deaths (deaths of liveborn infants occurring before 28 days of age).

Maternal Deaths. There were fifteen deaths in 2006 for which a maternal cause of death was reported on the death certificate. Before 1989, and beginning again in 1994, the Wisconsin Center for Health Statistics (now the Bureau of Health Information and Policy) 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 for those years. In 2003, an item was added to the Wisconsin death certificate that allows the medical certifier to specify the pregnancy status of the decedent. This should improve ascertainment of maternal deaths from death certificate records.

Perinatal Regions. These tables present birth information for each of the seven Perinatal Regions in Wisconsin (see Map 2, page 106). 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. Women with 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 statistics on natality and infant mortality.

Edit checks are incorporated in the software used for electronic transmission of birth certificate data, and the Vital Records Registration and Statistics Unit in the Bureau of Health Information and Policy 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: Definitions

<i>Anemia</i>	Maternal hemoglobin level of less than 10.0 g/dL during pregnancy, or a hematocrit of less than 30 percent during pregnancy.
<i>Cardiac Disease</i>	Disease of the heart.
<i>Acute or Chronic Lung Disease</i>	Disease of the lungs during pregnancy.

<i>Diabetes</i>	Metabolic disorder characterized by excessive discharge of urine and persistent thirst; includes juvenile onset, adult onset, and gestational diabetes during pregnancy.
<i>Genital Herpes</i>	Infection of the skin of the genital area by herpes simplex virus.
<i>Hydramnios/ Oligohydramnios</i>	Any noticeable excess (hydramnios) or lack (oligohydramnios) of amniotic fluid.
<i>Hypertension, Chronic Hypertension, Pregnancy- Associated</i>	Blood pressure persistently greater than 140/90, diagnosed prior to onset of pregnancy or before the 20 th week of gestation. 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.
<i>Eclampsia</i>	The occurrence of convulsions and/or coma unrelated to other cerebral conditions in women with signs and symptoms of preeclampsia.
<i>Incompetent Cervix</i>	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.
<i>Previous Infant 4,000+ Grams</i>	Previous birth of a live-born child with a birthweight of over 4,000 grams (8 lbs., 14 oz.).
<i>Previous Preterm or SGA Infant</i>	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 means “small for gestational age.”)
<i>Renal Disease</i>	Kidney disease.
<i>Rh Sensitization</i>	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.
<i>Uterine Bleeding</i>	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: Definitions

<i>Amniocentesis</i>	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.
<i>Electronic Fetal Monitoring</i>	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.

<i>Induction of Labor</i>	The initiation of uterine contractions before the spontaneous onset of labor by medical and/or surgical means for the purpose of delivery.
<i>Stimulation of Labor</i>	Augmentation of previously established labor by use of oxytocin.
<i>Tocolysis</i>	Use of medications to inhibit preterm uterine contractions to extend the length of pregnancy and, therefore, avoid a preterm birth.
<i>Ultrasound</i>	Visualization of the fetus and the placenta by means of sound waves.

Congenital Anomalies: Definitions

<i>Anencephalus</i>	Absence of the cerebral hemispheres.
<i>Spina Bifida/ Meningocele</i>	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.
<i>Hydrocephalus</i>	Excessive accumulation of cerebrospinal fluid within the ventricles of the brain with consequent enlargement of the cranium.
<i>Microcephalus</i>	A significantly small head.
<i>Other Central Nervous System</i>	Other specified anomalies of the brain, spinal cord, and nervous system.
<i>Heart Malformations</i>	Congenital anomalies of the heart.
<i>Other Circulatory/ Respiratory</i>	Other specified anomalies of the circulatory and respiratory systems.
<i>Rectal Atresia/ Stenosis</i>	Congenital absence, closure, or narrowing of the rectum.
<i>Tracheo-Esophageal Fistula/Esophageal Atresia</i>	An abnormal passage between the trachea and the esophagus; esophageal atresia is the congenital absence or closure of the esophagus.
<i>Omphalocele/ Gastroschisis</i>	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.
<i>Other Gastrointestinal</i>	Other specified congenital anomalies of the gastrointestinal system.
<i>Malformed Genitalia</i>	Congenital anomalies of the reproductive organs.
<i>Renal Agenesis</i>	One or both kidneys are completely absent.

<i>Other Urogenital</i>	Other specified congenital anomalies of the organs concerned in the production and excretion of urine, together with organs of reproduction.
<i>Cleft Lip/Palate</i>	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.
<i>Polydactyly/Syndactyly, Adactyly</i>	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.
<i>Clubfoot</i>	Deformity of the foot, which is twisted out of shape or position.
<i>Diaphragmatic Hernia</i>	Herniation of the abdominal contents through the diaphragm into the thoracic cavity, usually resulting in respiratory distress.
<i>Other Musculo-Skeletal/Integumental</i>	Other specified congenital anomalies of the muscles, skeleton, or skin.
<i>Down Syndrome</i>	The most common chromosomal defect, with most cases resulting from an extra chromosome (trisomy 21).
<i>Other Chromosomal</i>	All other chromosomal aberrations.