

2007

Wisconsin
Births and Infant Deaths

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

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November 2008

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Foreword

The Department of Health 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 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 Services Web site, at <http://dhs.wisconsin.gov/stats/>. 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 <http://dhs.wisconsin.gov/wish/>.

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Introduction

This report presents information about births that occurred in 2007 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 2007 (and comparative information for 1997); line graphs show time trends, and vary in the years shown for comparison.

Chapter 69 of the Wisconsin Statutes mandates the Department of Health 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 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.

2007 Wisconsin Births and Infant Deaths Report Special Note

Just over 100 years ago, on October 1, 1907, registrations for all Wisconsin vital events (births, death, marriage, and divorces) were required to be filed at the State level in the Wisconsin State Vital Records Office. Prior to that time, registration of these events at the county level in Wisconsin was voluntary (it was mandated by state statute in 1852 but not strictly enforced before 1880 or later) and vital records were not filed for most events. Vital events that were logged by counties prior to 1907 included minimal information. In 1907, counties submitted these logs to the State Vital Records Office for central recordkeeping.

For more information on the earliest registration dates for each county, please visit the following Web page: <http://dhs.wisconsin.gov/vitalrecords/genereq.htm>.

Key Findings

- In 2006, there were 72,757 live births to Wisconsin residents, 455 more than in 2006 (72,302).
- The 2007 crude birth rate in Wisconsin was 12.9 births per 1,000 total population, the same as in 2006. In comparison, the United States crude birth rate for 2005 (latest available data) was 14.0 per 1,000 population. (The crude birth rate is the number of live births per 1,000 total population.)
- The 2007 general fertility rate of 64.5 births per 1,000 Wisconsin females aged 15-44 was lower than the 2005 United States general fertility rate of 66.7 births per 1,000 (see Technical Notes, page 107, for source of U.S. data).
- In 2007, the fertility rate for Wisconsin teens aged 15-19 was 32.0 births per 1,000 females in this age group. This was an increase from the 2006 rate (30.6). This is the second consecutive year that the teen fertility rate has increased. In 2005, the U.S. teen fertility rate was 40.5.
- 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 1997 to 2007, the percent of births to women in their teens and early thirties decreased, while the percent of births to women in their twenties increased. The proportion of births to women aged 35 and older remained the same.
- From 1997 to 2007, 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 9 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 1997 and 2007, American Indian women approximately 1 to 2 percent each year, and women in other groups approximately 3 to 4 percent each year.
- In 2007, 15 percent of Wisconsin women who gave birth had not finished high school, down from 16 percent in 1997. Fifty-seven percent of women who gave birth in 2007 had attended college for one year or more, compared to 50 percent in 1997.
- The overall proportion of women who received first-trimester prenatal care was 83 percent in 2007, lower than in 1997 (84%). The proportion with first-trimester care decreased in all age groups except mothers aged less than 15, among whom it remained the same. The proportion with first-trimester care increased for blacks/African Americans, American Indians, and Laotians or Hmong, and decreased for whites, Hispanics/Latinos, and the “other” race/ethnicity group.
- The proportion of women giving birth who reported they smoked during pregnancy decreased from 18 percent in 1997 to 15 percent in 2007.
- In 2007, 5,089 Wisconsin infants were low birthweight; that is, they weighed less than 2,500 grams (about 5.5 pounds) at birth. This total represented 7.0 percent of all births, compared to 6.9 percent in 2006. In comparison, 8.2 percent of all infants born in the United States in 2005 weighed less than 2,500 grams.

- Among low birthweight infants, 870 (1.2 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, 2.9 percent of births to blacks/African Americans, 0.5 percent of births to American Indians, 1.2 percent of births to Hispanics/Latinos and 0.8 percent of births to Laotians or Hmong.
- In 2007, 8,072 Wisconsin infants were born prematurely (with a gestation of less than 37 weeks). This total represented 11.1 percent of all births (compared to 11.2% in 2006). (See Technical Notes, page 108, for full definition of prematurity.)
- In Wisconsin, 469 infants under the age of one year died in 2007. The 2007 infant mortality rate was 6.4 infant deaths per 1,000 live births, compared to 6.4 in 2006 and 6.5 in 1997. The 2005 U.S. infant mortality rate (the latest available) was 6.9 infant deaths per 1,000 live births.
- The black/African American infant mortality rate for 2007 was 14.5 deaths per 1,000 births to black/African American women, compared to 17.2 in 2006 and 13.4 in 1997. The 2007 white infant mortality rate was 5.3 deaths per 1,000 births to white women, compared to 4.9 in 2006 and 5.5 in 1997. The Hispanic/Latino infant mortality rate for 2007 was 6.4 deaths per 1,000 births to Hispanic/Latino women, compared to 6.3 in 2006 and 10.3 in 1997.
- Based on three-year rolling average infant mortality rates (Figure 22), American Indian infant mortality has dropped markedly since 1985. The rate was 15.4 per 1,000 live births in 1985-1987 and 9.5 per 1,000 in 2005-2007. The black/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 17.6 per 1,000 live births in 1985-1987, and 15.6 in 2005-2007. The Hispanic/Latino infant mortality rate fluctuated but remained essentially unchanged; it was 6.4 per 1,000 live births in 1985-1987 and 6.4 per 1,000 in 2005-2007. Total infant mortality and white infant mortality declined gradually over the 1985-2007 period.
- The black-white disparity ratio for infant mortality has increased over the past 17 years. The black/African American infant mortality rate was 2.2 times the white rate in 1990-1992, and 2.9 times the white rate in 2005-2007 (Figure 23).

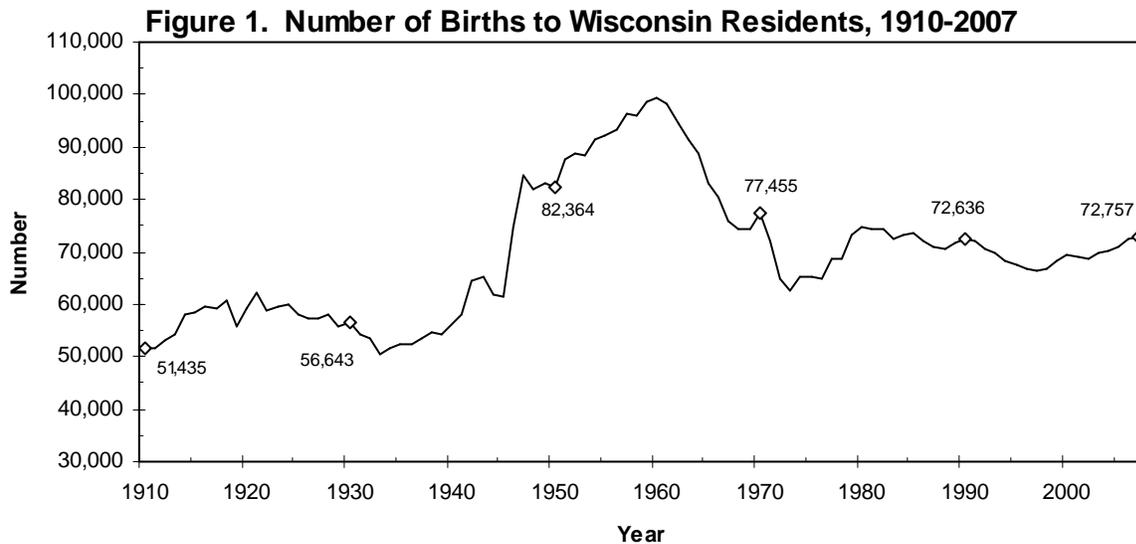
Ten Most Popular First Names for Newborns Wisconsin 2007		
Females		Males
1. Ava		1. Ethan
2. Emma		2. Jacob
3. Olivia		3. Logan
4. Sophia		4. Mason
5. Addison		5. Alexander
6. Isabella		6. Noah
7. Emily		7. Jack
8. Ella		8. Owen
9. Elizabeth		9. Benjamin
10. Abigail		10. Tyler

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 2007 there were 72,757 births to Wisconsin residents, 455 more than in 2006 (Figure 1).
- The 2007 crude birth rate was 12.9 births per 1,000 population (Table 2-1), the same as in 2006. In comparison, the United States crude birth rate for 2005 was 14.0 births per 1,000 population. (The crude birth rate is the number of live births per 1,000 total population.)
- The 2007 general fertility rate of 64.5 births per 1,000 Wisconsin females ages 15-44 (Table 2-1) was higher than the 2006 rate (63.4). In comparison, the United States general fertility rate for 2005 was 66.7 births per 1,000.



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 2005 final statistics (Table 1-1). (See Technical Notes, page 107, for source of U.S. data.)

Table 1-1. Age-Specific Fertility Rates, Wisconsin, 2007 and United States, 2005

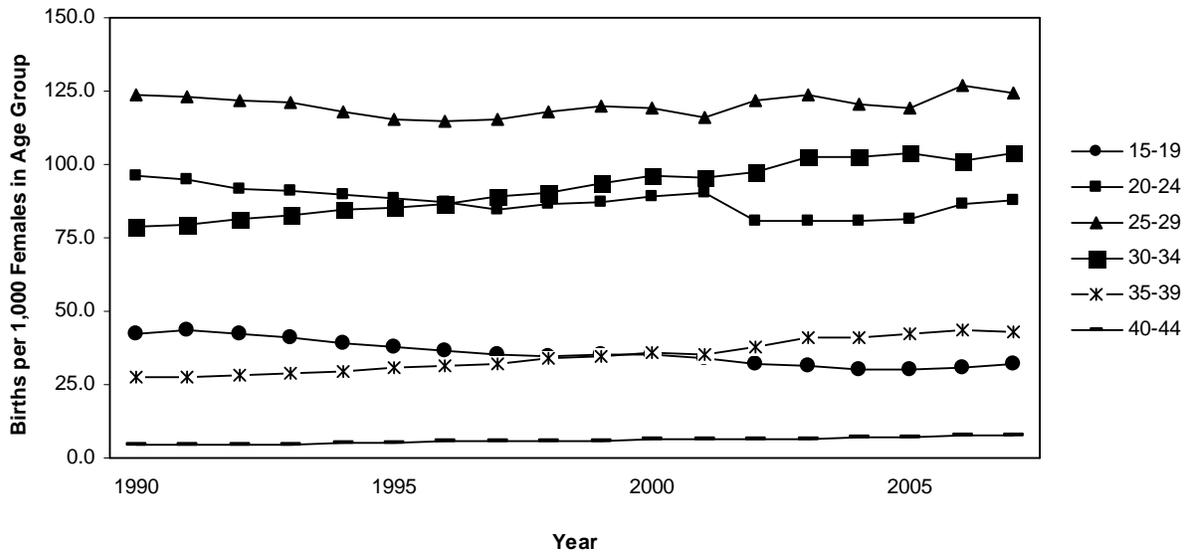
Age	Wisconsin Rate	U.S. Rate
10-14	0.4	0.7
15-19	32.0	40.5
15-17	16.0	21.4
18-19	56.0	69.9
20-24	87.7	102.2
25-29	124.6	115.5
30-34	104.0	95.8
35-39	43.1	46.3
40-44	7.6	9.1
45-49	0.4	0.6

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 2007 were:
 - Lower for teens and women aged 20-24.
 - Higher for women aged 25-plus.

Figure 2. Age-Specific Fertility Rates, Wisconsin, 1990-2007

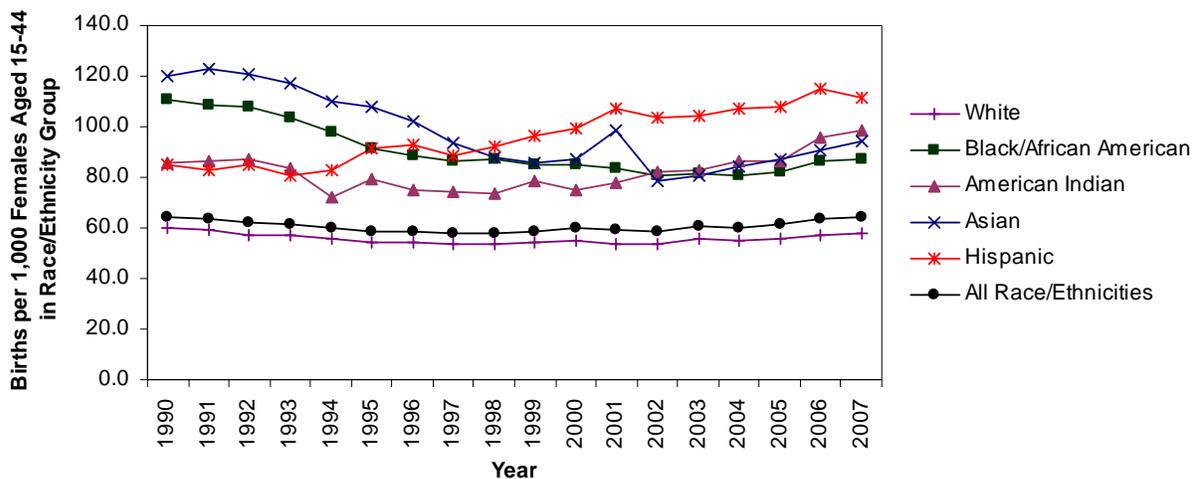


Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health Services.

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, blacks/African Americans, and Asians.
- The overall birth rate (also called the general fertility rate) was the same in 1990 as it was in 2007 (64.5 per 1,000 females aged 15-44).
- The black/African American and Asian birth rates decreased most dramatically. The black/African American rate decreased from 110.5 births per 1,000 black/African American females aged 15-44 in 1990 to 87.0 per 1,000 in 2007, a decline of 21 percent. The Asian birth rate also decreased 21 percent, from 119.7 to 94.2 per 1,000 Asian females aged 15-44.
- The white birth rate decreased from 60.2 to 58.0 per 1,000 white females aged 15-44.
- The American Indian birth rate stayed fairly stable during the 1990s, then began gradually increasing. In 2007, the rate was 98.3 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 2007, the Hispanic/Latino birth rate was 111.5 per 1,000 Hispanic/Latino females aged 15-44 (85.1 in 1990).

Figure 3. Birth Rates by Race/Ethnicity, 1990-2007



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

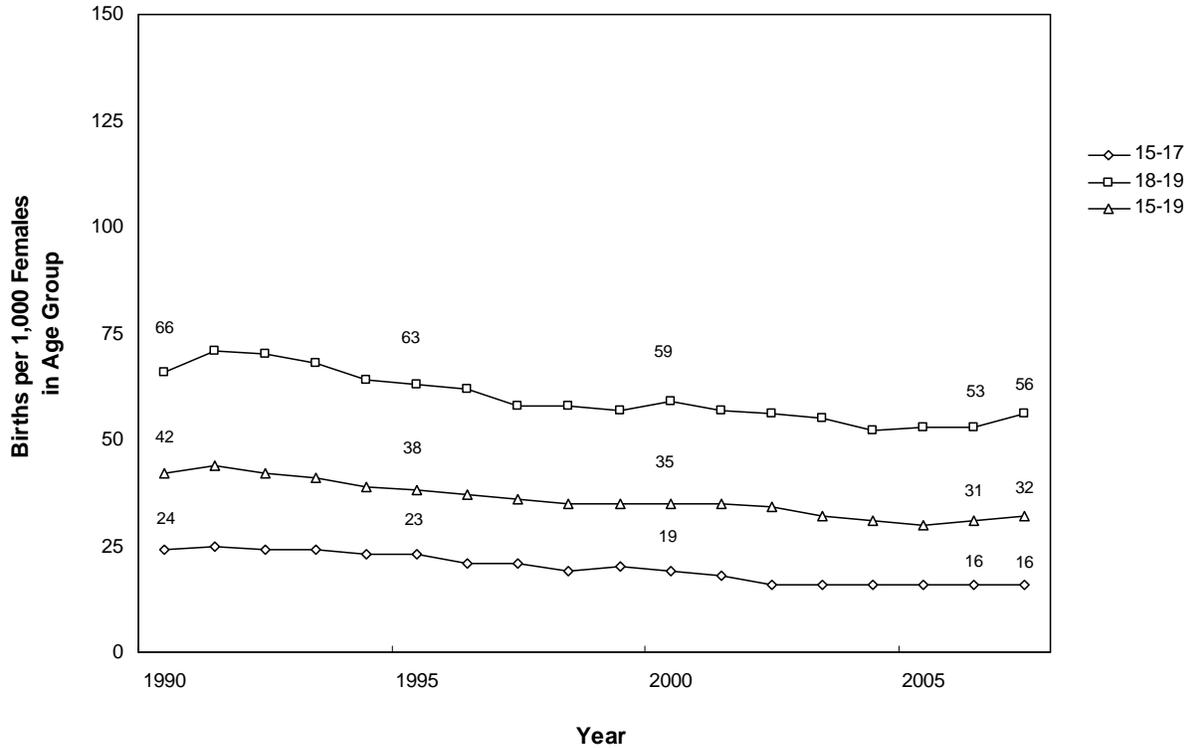
Notes: See Technical Notes (page 107) for definition of race/ethnicity categories. Birth rates for Wisconsin females by race are based on bridged race estimates from the US Census Bureau. Because individuals could report more than one race for the first time during the 2000 Census, rates for earlier 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 2007, the fertility rate for Wisconsin teens aged 15-19 was 32.0 births per 1,000 females in this age group (Figure 2). The rate in 2006 was 30.6. This was the second consecutive increase in the teen fertility rate, after generally declining since 1990.
- For many years the Wisconsin teen fertility rate has been lower than the comparable national rate. In 2005, the U.S. teen fertility rate was 40.5.

Figure 4. Teen Birth Rates, Wisconsin, 1990-2007



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

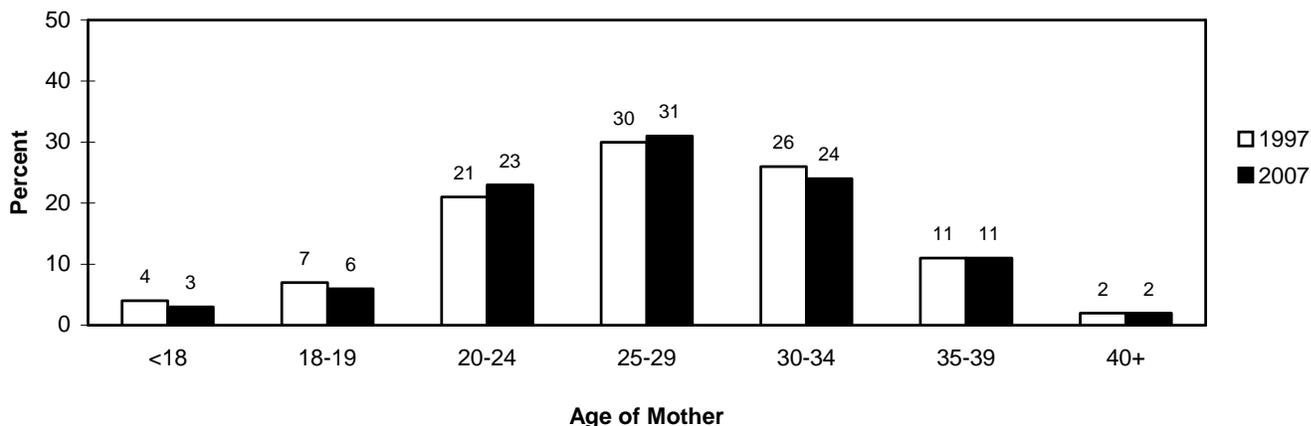
Age of Mother

Births in 2007 included:

80	births to teens less than 15 years old
1,874	births to teens 15-17 years old
4,366	births to teens 18-19 years old
16,969	births to women aged 20-24
22,557	births to women aged 25-29
17,269	births to women aged 30-34
7,958	births to women aged 35-39
1,575	births to women aged 40-44
97	births to women aged 45 or older
12	births with unreported maternal age.

- From 1997 to 2007, the percent of births to women in their teens and early thirties decreased, while the percent of births to women in their twenties increased. The proportion of births to women aged 35 and older remained the same (Figure 5).

Figure 5. Percent of Births by Age of Mother, Wisconsin, 1997 and 2007



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

Note: For detailed information on 2007 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 1997 (Table 1-2).

Table 1-2. Teen Births by Age, Wisconsin, 1997 and 2007

Maternal Age (Teens)	1997		2007	
	Number	Percent	Number	Percent
<15	163	2%	80	1%
15-17	2,541	36	1,874	30
18-19	4,384	62	4,366	69
Total <20	7,088	100%	6,320	100%

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 (3,117 in 2007) (Table 1-3).
- Teen births represented 8.7 percent of all births, and a higher proportion of births to blacks/African Americans, American Indians, Hispanics/Latinos, and Laotians or Hmong (Table 1-3).

Table 1-3. Teen Births by Race/Ethnicity, Wisconsin, 2007

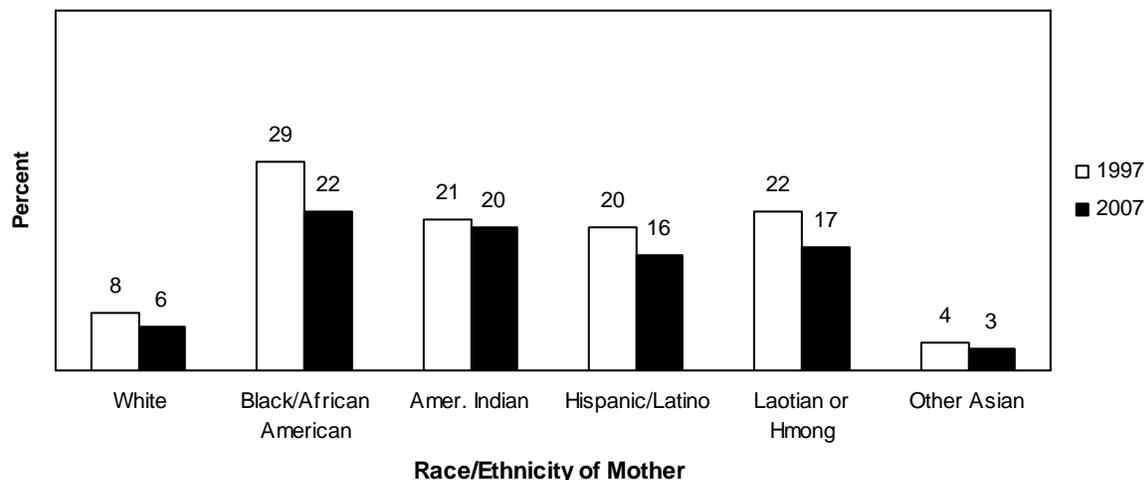
Race/Ethnicity	Number of Births		Percent of Births		
	Total	Teens (<20)	Teens (<20)	Ages 20+	Total
Total	72,757	6,320	8.7%	91.3%	100.0%
White	54,522	3,117	5.7	94.3	100.0
Black/African American	7,230	1,611	22.3	77.7	100.0
American Indian	1,171	237	20.2	79.8	100.0
Hispanic/Latino	6,911	1,083	15.7	84.3	100.0
Laotian or Hmong	1,304	219	16.8	83.2	100.0
Other Asian	1,580	48	3.0	97.0	100.0

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

Note: Included in the total are 39 births for which race/ethnicity of mother was not reported; 5 of these were to mothers under 20 years of age. See Technical Notes (page 107) for definition of race/ethnicity categories.

- In 2007 compared to 1997, teen births represented a smaller proportion of births in all race/ethnicity groups. The largest decline in the teen birth percentage occurred among blacks/African Americans: teen births made up 22 percent of black/African American births in 2007, compared to 29 percent in 1997 (Figure 6).

Figure 6. Teen Births as a Percent of Total Births in Each Race/Ethnicity Group, Wisconsin, 1997 and 2007



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

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

- In 2007, 9 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 82 percent were first births (Table 1-4).

Table 1-4. Teen Births by Interval in Months Since Last Live Birth, Wisconsin, 2007

Birth Interval	All Ages	All Teens (<20)			All Ages	All Teens (<20)		
		<18	18-19		<18	18-19		
Total	72,757	6,320	1,954	4,366	100.0%	100.0%	100.0%	100.0%
First Birth	28,361	5,193	1,795	3,398	39.0	82.2	91.9	77.8
1-11 Months	628	74	13	61	0.9	1.2	0.7	1.4
12-17 Months	4,119	281	49	232	5.7	4.4	2.5	5.3
18-23 Months	6,277	245	35	210	8.6	3.9	1.8	4.8
24-Plus Months	30,610	427	41	386	42.1	6.8	2.1	8.8
Unknown	1,612	46	7	39	2.2	0.7	0.4	0.9
Plural Delivery	1,150	54	14	40	1.6	0.9	0.7	0.9

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

Note: Included in the total for all ages are 12 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 2007, 54,522 births (74.9%) were to non-Hispanic white women (Table 1-5). This percentage has gradually declined in recent decades (it was 81.6% in 1997).
- 7,230 births (9.9%) 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 1997.
- 1,171 births (1.6%) were to American Indian women (Table 1-5). This proportion has been stable for the past decade.
- 6,911 births (9.5%) were to Hispanic/Latino women (Table 1-5). This is almost double the proportion of Hispanic/Latino births in 1997 (4.8%).
- 1,304 births (1.8%) were to Laotian or Hmong women, similar to the 1997 percentage (1.6%).
- An additional 1,580 births (2.2%) were to women in other Asian groups (such as Chinese, Japanese, and Korean.)

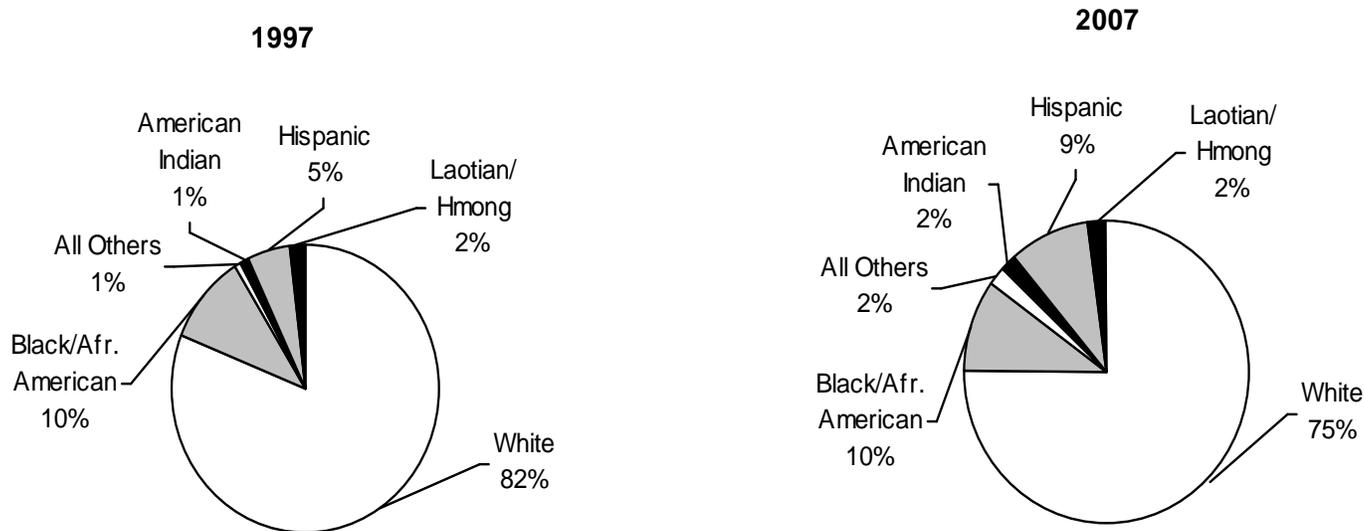
Table 1-5. Number and Percent of Births by Race/Ethnicity, Wisconsin, 1997 and 2007

	1997		2007	
	Number	Percent	Number	Percent
Total	66,490	100.0%	72,757	100.0%
White	54,239	81.6	54,522	74.9
Black/African American	6,366	9.6	7,230	9.9
American Indian	822	1.2	1,171	1.6
Hispanic/Latino	3,206	4.8	6,911	9.5
Laotian or Hmong	1,058	1.6	1,304	1.8
Other Asian	796	1.2	1,580	2.2
Unknown	3	0.0	39	0.1

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

Note: The “other Asian” category includes all Asian groups other than Laotian or Hmong; in 2007 it also includes four births to Hawaiians.

Figure 7. Percent of Births by Race/Ethnicity of Mother, Wisconsin, 1997 and 2007



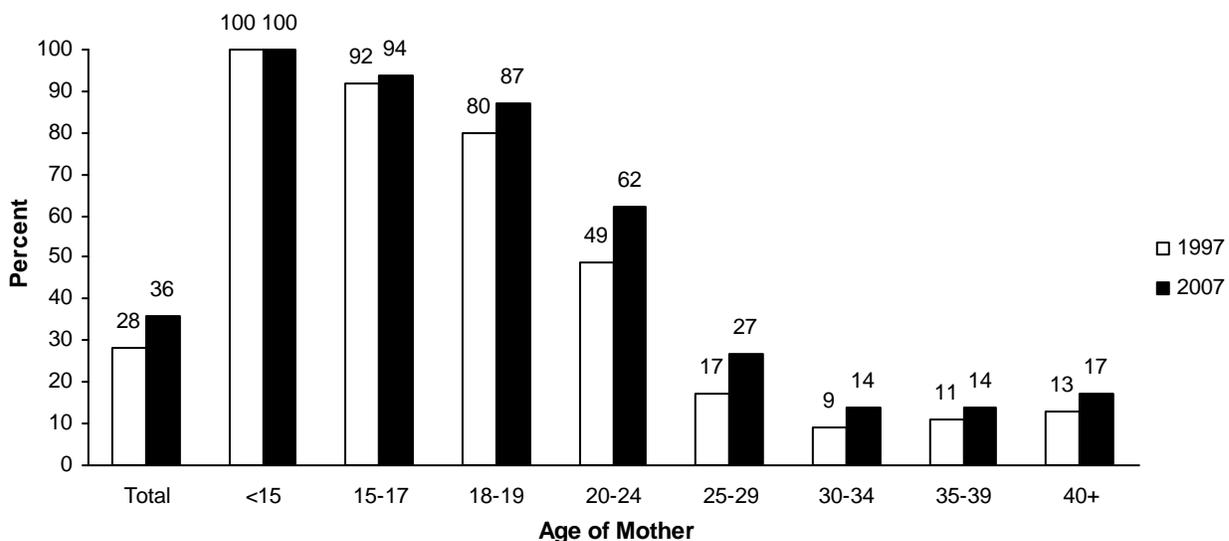
Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health Services.

Notes: See Technical Notes (page 107) for definition of race/ethnicity categories. For detailed information on 2007 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

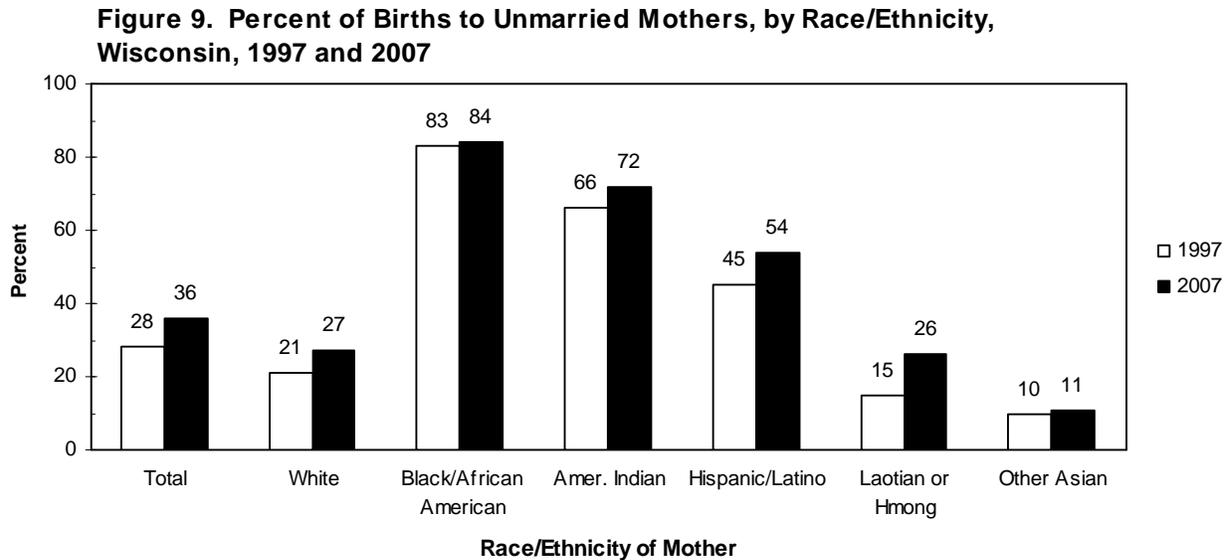
- In 2007, 36 percent of births were to unmarried women, compared with 28 percent in 1997 (Figure 8).
- In general, the percent of births to mothers who are unmarried decreases with age. Eighty-seven percent of women aged 18-19 giving birth in 2007 were unmarried, compared with only 14 percent of women in their thirties (Figure 8).
- Between 1997 and 2007, 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 49% to 62%—13 percentage points).

Figure 8. Percent of Births to Unmarried Mothers, by Age, Wisconsin, 1997 and 2007



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

- From 1997 to 2007, the percent of non-marital births increased in all race/ethnicity groups (Figure 9).
- Wisconsin’s overall percent of births to unmarried mothers in 2007 (36%) was lower than the national percent in 2005 (37%). However, the percent of births to unmarried mothers was higher in Wisconsin than nationally among whites (27% vs. 25%), blacks/African Americans (84% vs. 70%) and Hispanics/Latinos (54% vs. 48%).



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

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

Education of Mother

- In 2007, 15 percent of Wisconsin women who gave birth had not finished high school, compared to 16 percent in 1997 (Figure 10). By age, the percentages with less than a high school education in 2007 were:

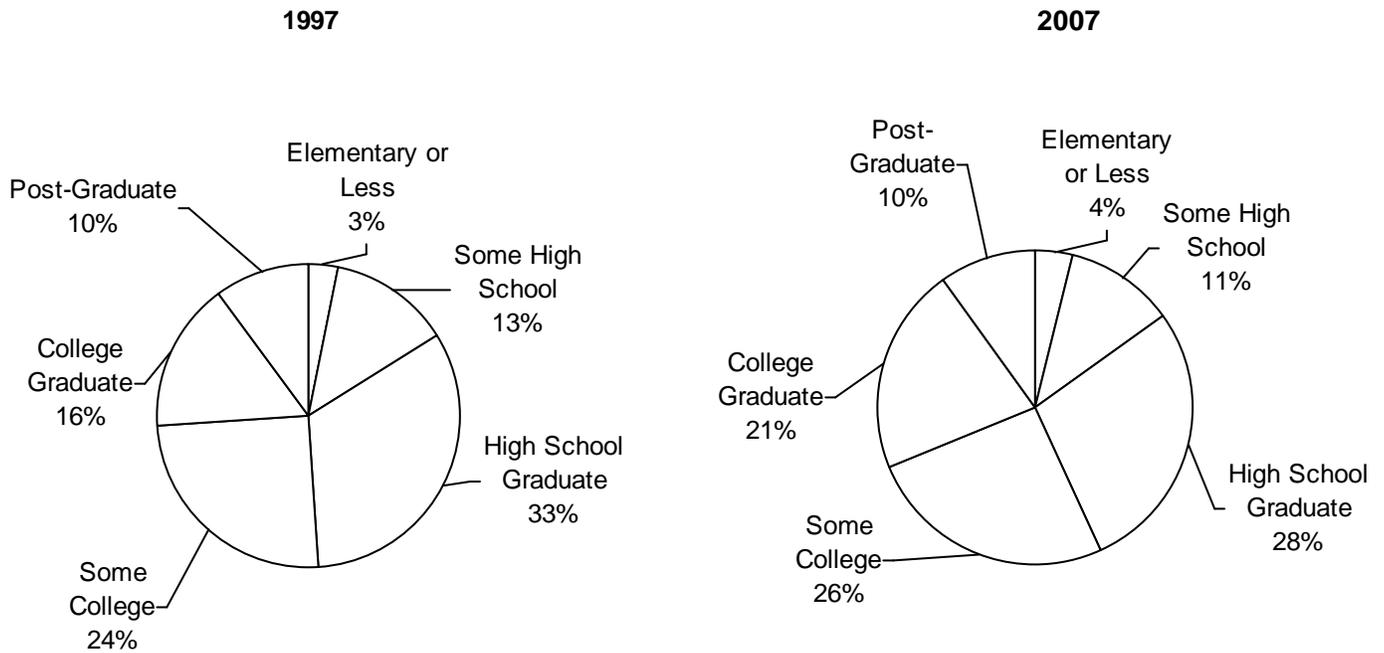
- 91% among mothers less than 18
- 35% among mothers 18-19
- 20% among mothers 20-24
- 10% among mothers 25-29
- 7% among mothers 30-34
- 8% among mothers 35-39
- 10% among mothers 40 or older

- On average, mothers in minority race/ethnicity groups were less likely to have completed high school. In 2007, the proportions of births to women with less than a high school education were:

- 8% among whites
- 31% among blacks/African Americans
- 26% among American Indians
- 50% among Hispanics/Latinos
- 30% among Laotian or Hmong
- 9% among other Asian groups

- Fifty-six percent of women who gave birth in 2007 had attended college for one year or more (Figure 10). The comparable percentage in 1997 was 51 percent.

Figure 10. Percent of Births by Education of Mother, Wisconsin, 1997 and 2007



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

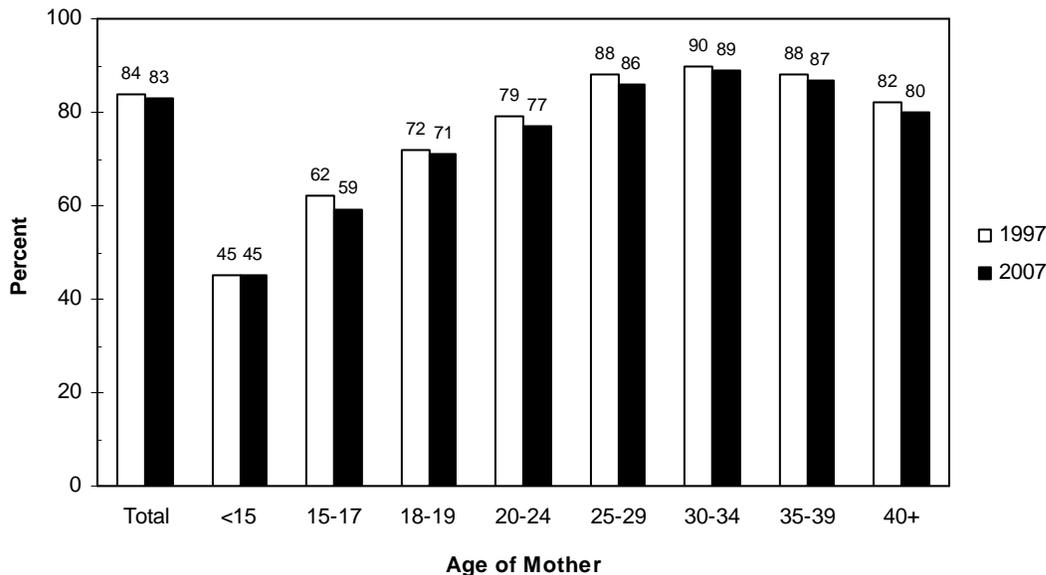
Notes: “Some High School” or “Some College” means the mother completed at least one year of schooling at that level. For detailed information on 2007 births by education of mother, see Tables 4-1 through 4-5, pages 92-99. Percents may not add to 100 due to rounding.

Characteristics of the Pregnancy and Delivery

Prenatal Care

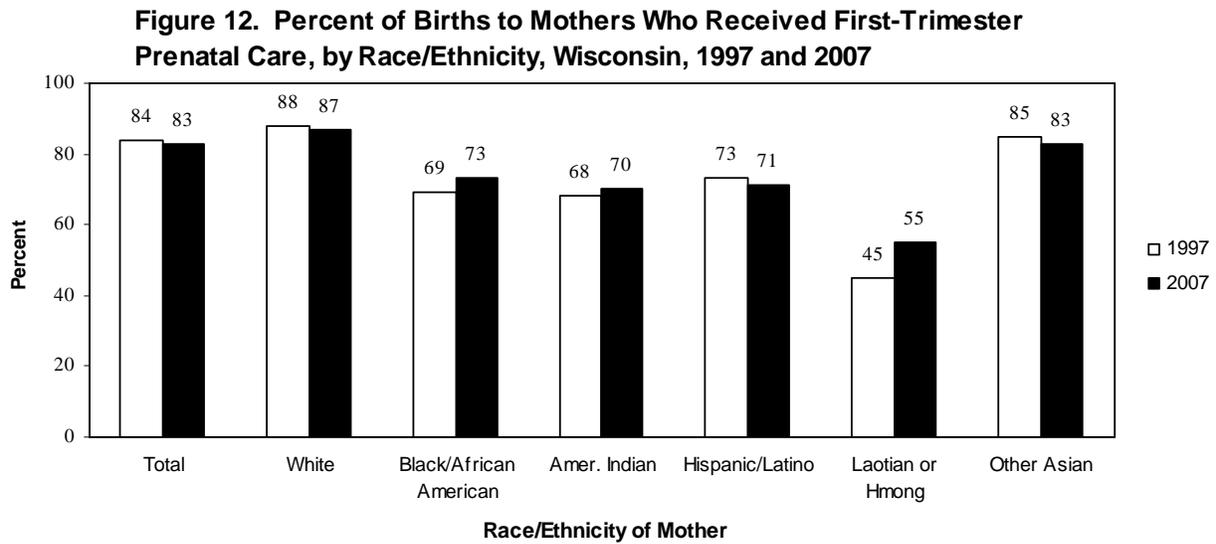
- The overall proportion of women who received first-trimester prenatal care was 83 percent in 2007, compared to 84 percent in 1997 (Figure 11).
- In 2,349 births in 2007, the mother either did not begin prenatal care until the third trimester of pregnancy (1,734 births) or received no care at all (615 births) (Table 2-22). These births with “late or no prenatal care” constituted 3.2 percent of all births (the same percentage as in 1997).
- Patterns of prenatal care initiation by age were similar in 1997 and 2007 (Figure 11).
- The percent of Wisconsin women who received first-trimester prenatal care in 2007 (83%) was lower than the 2005 national figure (84%).

Figure 11. Percent of Births to Mothers Who Received First-Trimester Prenatal Care, by Age, Wisconsin, 1997 and 2007



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

- From 1997 to 2007, the proportion of women receiving first-trimester care increased for blacks/African Americans, American Indians, and Laotians or Hmong. The increase was especially striking among Laotian and Hmong women (Figure 12).



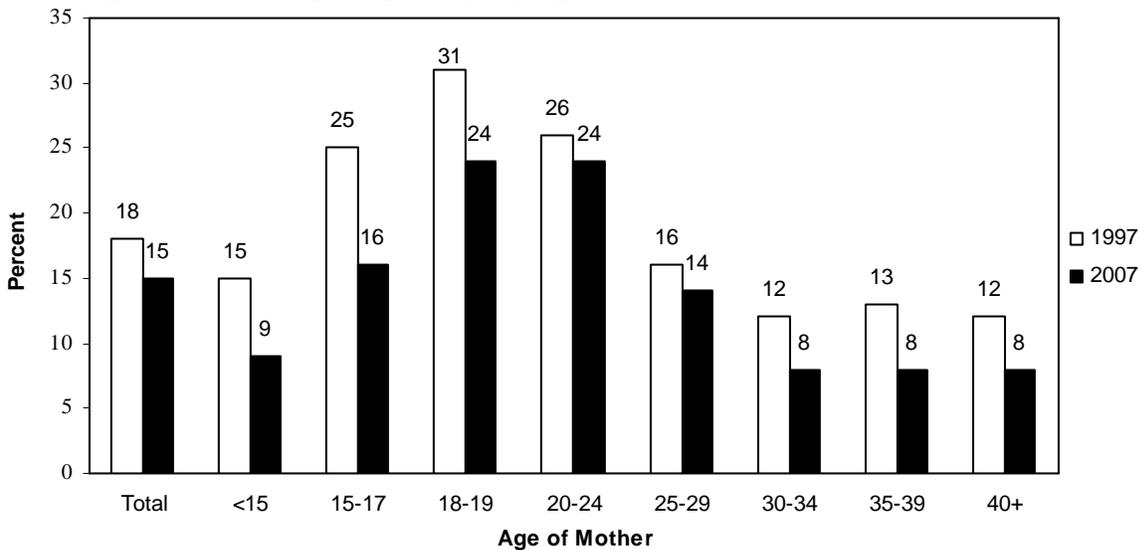
Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health Services.

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 1997 to 15 percent of births in 2007 (Figure 13).
- From 1997 to 2007, 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, 1997 and 2007

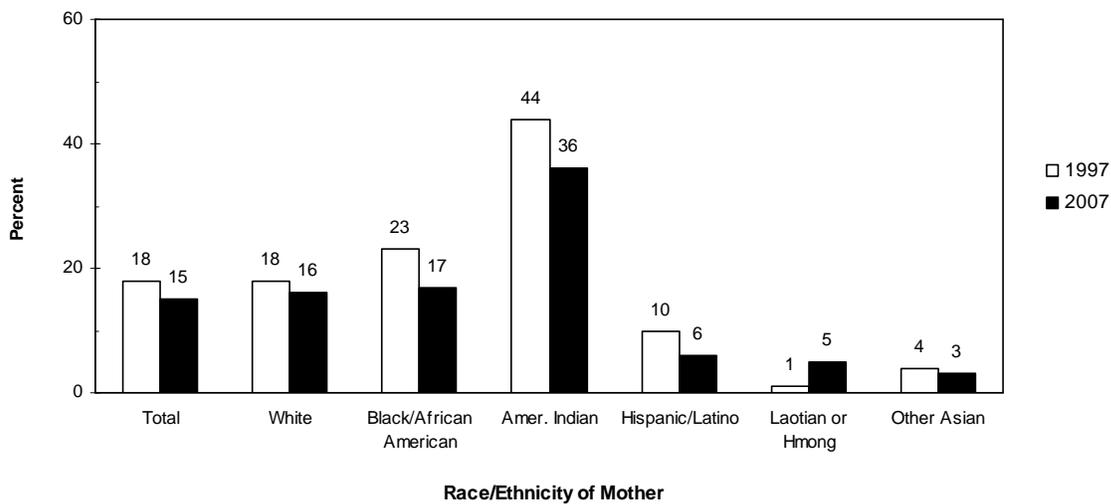


Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health Services.

Notes: For detailed information on 2007 births by smoking behavior during pregnancy, see Tables 4-1 through 4-5, pages 92-99.

- From 1997 to 2007, the percentage of mothers who reported smoking during pregnancy declined in most race/ethnicity groups (Figure 14). The only exception was found among Laotian or 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 (0.8% of new mothers reported drinking during pregnancy in 2007) and the 2007 Behavioral Risk Factor Survey (68% 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, 1997 and 2007



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

Notes: See Technical Notes (page 107) for definition of race/ethnicity categories. For detailed information on 2007 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 2007 births were sexually transmitted diseases (reported in 7.6 percent of births), hypertension (6.2 percent), lung disease (5.9 percent), diabetes (4.6 percent), a previous preterm or small-for-gestational age infant (4.1 percent), a previous infant weighing 4,000+ grams at birth (3.2 percent), and anemia (3.1 percent) (Table 1-6).

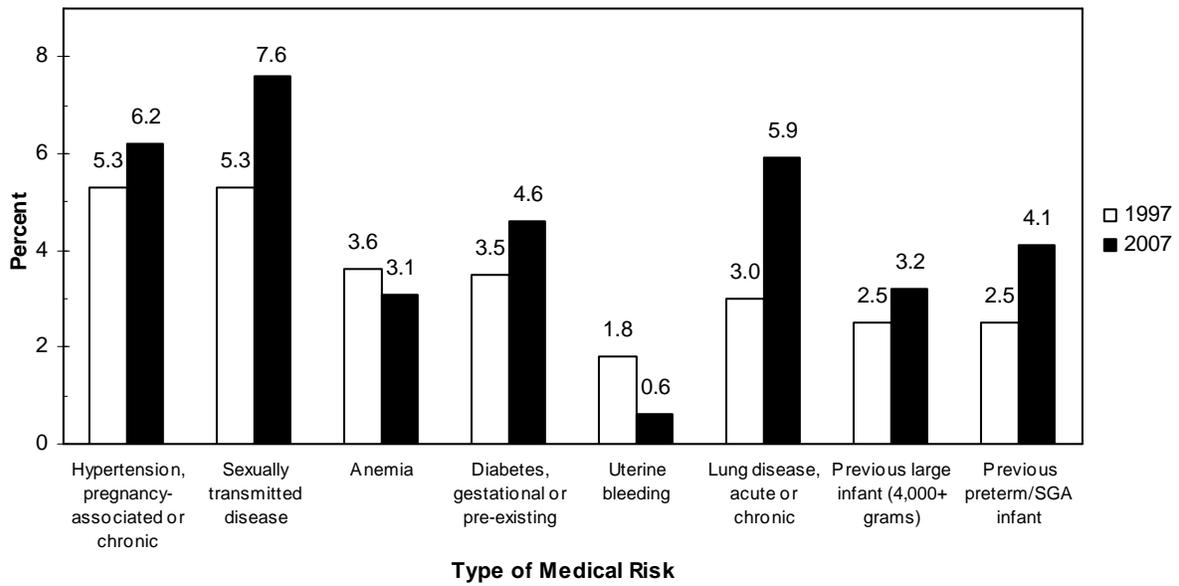
Table 1-6. Births with Reported Medical Risk Factors, Wisconsin, 2007

	Number	Percent
Sexually Transmitted Diseases	5,528	7.6
Hypertension	4,494	6.2
Pregnancy-Associated	3,647	5.0
Chronic	847	1.2
Diabetes	3,374	4.6
Gestational	2,903	4.0
Pre-Existing	471	0.6
Anemia	2,230	3.1
Lung Disease, Acute or Chronic	4,296	5.9
Previous Preterm/Small-for-Gestational-Age Infant	3,015	4.1
Previous Large Infant (4,000+ grams)	2,330	3.2
Uterine Bleeding	453	0.6
Cardiac Disease	620	0.9
Hydramnios/Oligohydramnios	876	1.2
Renal Disease	541	0.7
Rh Sensitization	625	0.9
Eclampsia	99	0.1
Incompetent Cervix	307	0.4
Hemoglobinopathy	202	0.3
Any Reported	35,827	49.2

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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, 1997 and 2007



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

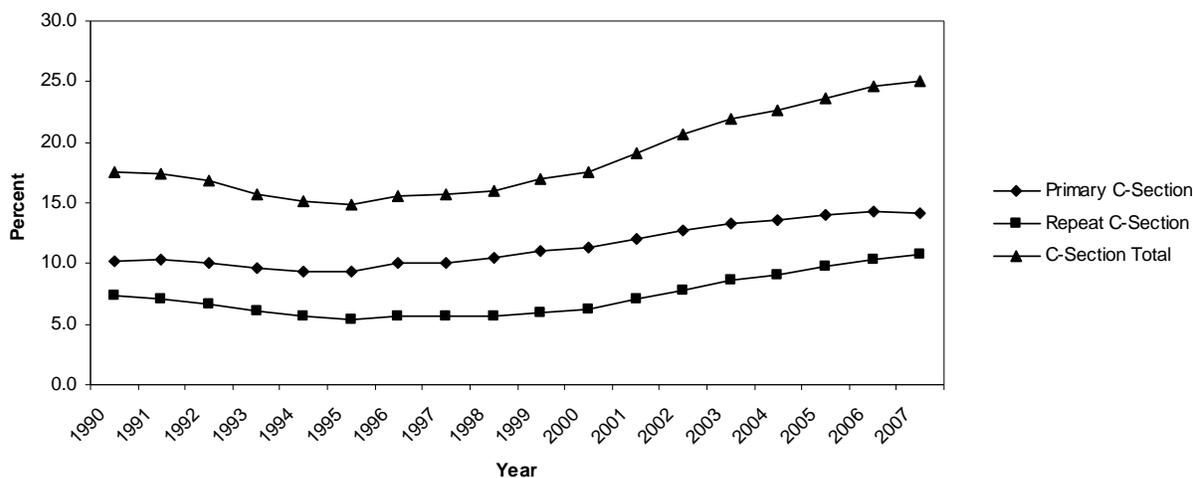
Methods of Delivery

In 2007, the following methods of delivery were reported:

Vaginal (no previous C-section)	52,536	72.2%
Primary C-Section	10,296	14.2
Repeat C-Section	7,859	10.8
Vaginal After Previous C-Section (VBAC)	1,081	1.5
Forceps	984	1.4
Other	1	0.0
Total Births	72,757	100.0%

- The overall percent of cesarean sections increased from 17.6 percent of births in 1990 to 25 percent in 2007. 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 14.2 percent in 2007.
- Repeat cesarean sections increased from 7.3 percent of births in 1990 to 10.8 percent in 2007.

Figure 16. Cesarean Sections as a Percent of All Births, 1990-2007



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

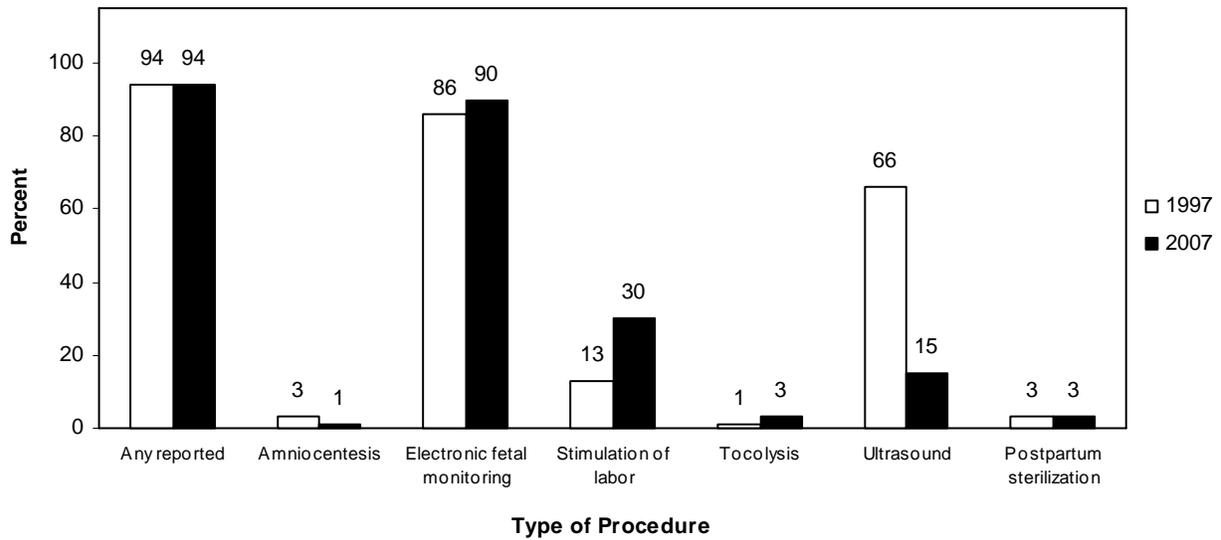
Obstetric Procedures

In 2007, births with reported obstetric procedures included:

Electronic fetal monitoring	65,710	90.3%
Ultrasound	11,234	15.4
Induction of labor	18,721	25.7
Stimulation of labor	21,940	30.2
Amniocentesis	699	1.0
Postpartum sterilization	2,331	3.2
Tocolysis	2,032	2.8
Other procedures	9	0.0
Births With Reported Procedure(s)	68,311	93.9

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, 1997 and 2007

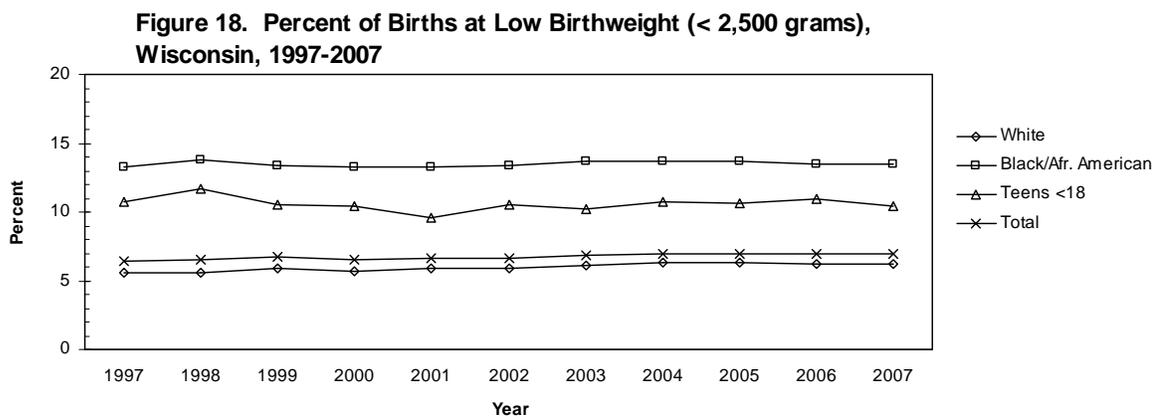


Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health Services.

Characteristics of the Newborn

Low Birthweight

- In 2007, 5,089 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 7.0 percent of all births (compared to 6.9 percent in 2006). In comparison, 8.2 percent of all infants born in the United States in 2005 weighed less than 2,500 grams. The low birthweight percentage in Wisconsin was 6.2 percent among births to whites, 13.5 percent among births to blacks/African Americans, 7.1 percent among births to American Indians, 6.4 percent among births to Hispanics/Latinos, 7.9 percent among Laotians and Hmong, and 7.7 percent among other Asians (Table 4-5).
- Among these low birthweight infants, 870 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 1.2 percent among all births, and 1.0 percent of births to whites, 2.9 percent of births to blacks/African Americans, 0.5 percent of births to American Indians, 1.2 percent of births to Hispanics/Latinos, and 0.8 percent of births to Laotians or Hmong (Table 4-5).
- Compared with the overall incidence of low birthweight in 2007 (7.0 percent), higher percentages of low-birthweight infants were born to (Table 4-5):
 - Mothers who received no prenatal care (22.0 percent),
 - Non-Hispanic black/African American women (13.5 percent),
 - Women who smoked during pregnancy (11.5 percent),
 - Mothers less than 15 years old (11.3 percent),
 - Women who were unmarried (9.4 percent),
 - Women with less than a high school education (9.2 percent).
- The low birthweight percentage among infants born to mothers less than 18 years of age was 10.4 percent (compared with 6.9 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 24.2 percent of all low-birthweight births in 2007.



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

- Three-year rolling average low birthweight percentages provide stable points of comparison to examine the low birthweight disparity in black/African American births over time. In the three-year period 2005-2007, 12.4 percent of black/African American infants and 5.9 percent of white infants weighed less than 2,500 grams or about 5.5 pounds at birth. The disparity ratio was 2.1, meaning that black/African American infants were born at low birthweight twice as frequently as white infants during the 2005-2007 period.
- The disparity between black/African American and white low birthweight rates has lessened since 1990-1992 (from 2.6 to 2.1), not because the black/African American low birthweight rate has improved but because the white low birthweight rate has increased.
- The disparity between black/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 2005-2007, black/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 or African American/White Disparity Ratios, Three-Year Rolling Averages, Wisconsin 1990-2007

Years	Percent Low Birthweight		Disparity Ratio	Percent Very Low Birthweight		Disparity Ratio
	Black/African American	White		Black/African American	White	
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
2005-2007	12.4%	5.9%	2.1	3.1%	1.0%	3.1

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

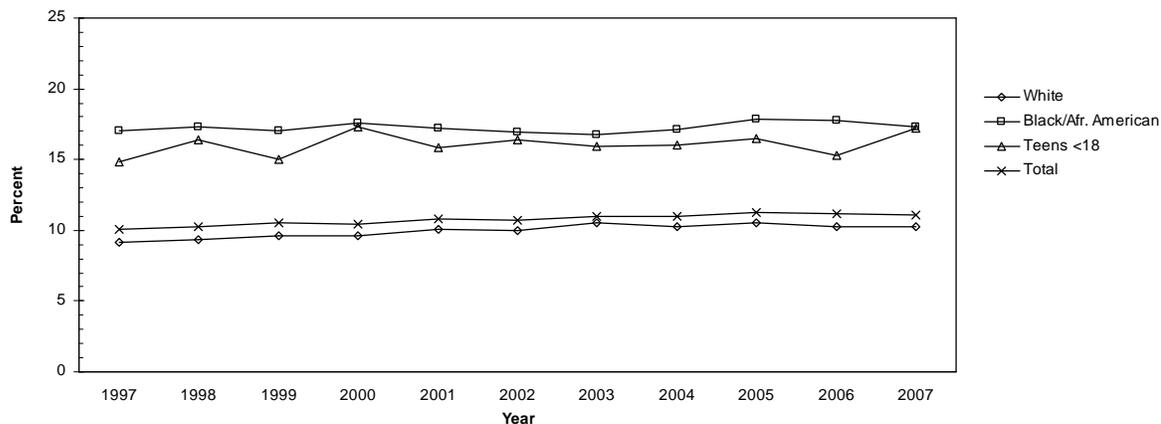
Percent very low birthweight is the percent of births to mothers in each race/ethnicity group that were very low birthweight (less than 1,500 grams).

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

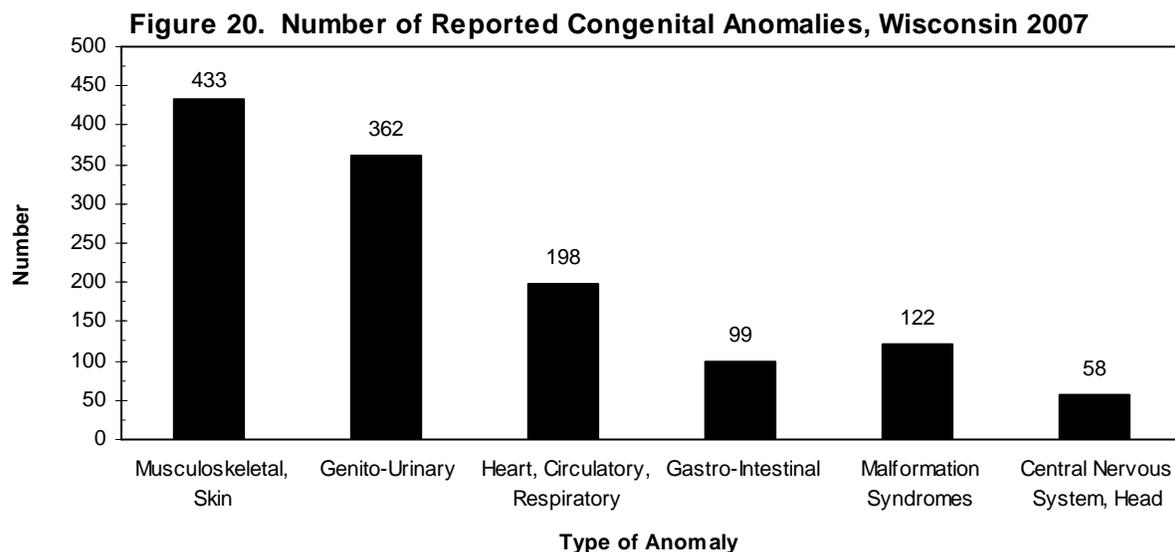
- In 2007, 8,072 Wisconsin infants were born prematurely (with a gestation of less than 37 weeks) (Table 4-1). This total represented 11.1 percent of all births (compared to 11.2% in 2006). (See Technical Notes, page 108, for full definition of prematurity.)
- Compared with the overall proportion of premature infants in 2007 (11.1 percent), higher percentages of premature infants were born to:
 - Non-Hispanic black/African American women (17.3 percent),
 - Teenagers less than 18 years old (17.2 percent),
 - Women with less than a high school education (13.7 percent),
 - Women who were unmarried (13.6 percent),
 - Women who smoked during pregnancy (13.4 percent),
 - American Indian women (13.3 percent)
- Sixty-seven percent of low birthweight infants (birthweight under 2,500 grams) were premature.
- Twins or other multiple births made up 16.0 percent of all premature births in 2007. From 1997 to 2007, multiple births increased from 2.7 percent to 3.1 percent of all births.
- Prematurity increased from 10.1 percent of all births in 1997 to 11.1 percent of all births in 2007 (Figure 19).
- Prematurity among infants born to mothers less than 18 years of age was 17.2 percent in 2007, higher than the 1997 percent (14.8) (Figure 19). The prematurity rate among infants born to mothers 18 and older was 10.9 percent in 2007.

Figure 19. Percent of Premature Births, Wisconsin, 1997-2007



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



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

Table 1-8. Reported Congenital Anomalies, Wisconsin 2007

Total Births With Reported Anomalies	1,259	Genito-Urinary	362
		Malformed Genitalia	205
Central Nervous System, Head	58	Renal Agenesis	32
Anencephalus	6	Other Urogenital	134
Spina Bifida/Meningocele	19		
Hydrocephalus	6	Musculoskeletal/Skin	433
Microcephalus	6	Cleft Lip, Palate	95
Other Central Nervous System	30	Polydactyly, Syndactyly, Adactyly	127
		Club Foot	65
Heart, Circulatory, Respiratory	198	Diaphragmatic Hernia	10
Heart Malformations	116	Other Musculoskeletal/ Integumental	159
Other Circulatory/Respiratory	95		
		Malformation Syndromes	122
Gastro-Intestinal	99	Down Syndrome	78
Rectal Atresia, Stenosis	18	Other Chromosomal	47
Tracheo-Esophageal Fistula	10		
Omphalocele, Gastroschisis	38	All Other	165
Other Gastrointestinal	36		

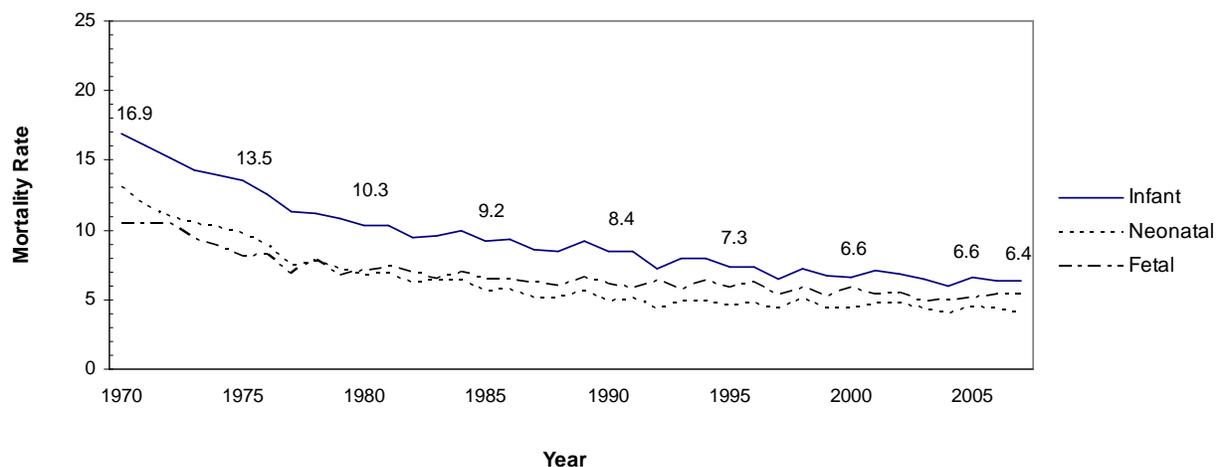
Source: Wisconsin resident birth certificates, Bureau of Health Information and Policy, Division of Public Health, Department of Health Services.

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, 469 infants under the age of one year died in 2007 (Table 2-28). The 2007 infant mortality rate was 6.4 infant deaths per 1,000 live births, compared to 6.4 in 2006 and 6.5 in 1997 (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 292 neonatal deaths (deaths of infants less than 28 days of age) in 2007, accounting for 62 percent of total infant deaths that year. The neonatal mortality rate in 2007 was 4.0 neonatal deaths per 1,000 live births, compared with 4.3 in 2006 and 4.4 in 1997 (Figure 21). In the U.S. in 2005 (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 2007 (Figure 21). In comparison, the fetal death rate for 1997 was 5.4 per 1,000. (For the definition of “fetal death,” see Technical Notes, page 108.)
- There were 15 maternal deaths in 2007; these are deaths attributed to pregnancy-related health conditions or events of delivery.

Figure 21. Infant, Neonatal, and Fetal Mortality Rates, 1970-2007

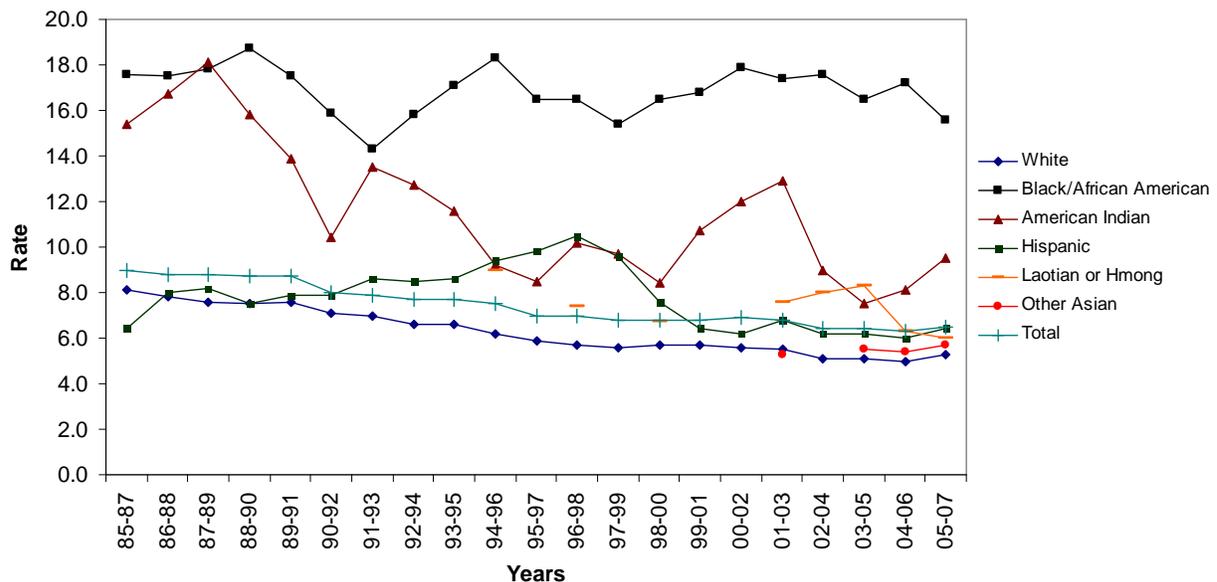


Source: Resident birth certificates, matched birth-death file, and fetal death file, Bureau of Health Information and Policy, Division of Public Health, Department of Health Services.

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 2007 infant, neonatal and fetal deaths, see Table 4-8, pages 102-103.

- The black/African American infant mortality rate for 2007 was 14.5 deaths per 1,000 births to black/African American mothers, compared to 17.2 in 2006 and 13.4 in 1997. The 2007 white infant mortality rate was 5.3 deaths per 1,000 births to white women, compared to 4.9 in 2006 and 5.5 in 1997. The Hispanic/Latino infant mortality rate for 2007 was 6.4 deaths per 1,000 births to Hispanic/Latino women, compared to 6.3 in 2006 and 10.3 in 1997. 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 1985. The rate was 15.4 per 1,000 live births in 1985-1987 and 9.5 per 1,000 in 2005-2007.
- The black/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 17.6 per 1,000 live births in 1985-1987, declined to a low of 14.3 per 1,000 live births in 1991-1993, and was 15.6 in 2005-2007.
- The Laotian or Hmong and Other Asian infant mortality rates are not available in all years. The number of infant deaths in these race/ethnicity groups is often too small to present a rate. In 2005-2007, the Laotian or Hmong infant mortality rate was 7.6 per 1,000 live births compared to 6.0 in 2001-2003. The Other Asian infant mortality rate in 2005-2007 was 5.7 per 1,000 live births compared to 5.5 in 2003-2005.
- The Hispanic/Latino infant mortality rate fluctuated but remained essentially unchanged; it was 6.4 per 1,000 live births in 1985-1987 and 6.4 per 1,000 in 2005-2007. Total infant mortality and white infant mortality declined gradually over the 1985-2007 period, to 6.5 and 5.3, respectively.

Figure 22. Infant Mortality Rates by Race/Ethnicity, Three-Year Rolling Averages, 1985-2007



Source: Resident birth certificates, matched birth-death file, Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 2007 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.

- In general, infants born to teenagers are at a higher risk of death than infants born to older mothers. In 2007, the infant mortality rate was 10.8 per 1,000 births among infants born to mothers aged less than 20, compared with 6.0 per 1,000 among infants born to women aged 20 and older.
- From 1990-1992 to 2005-2007, the non-Hispanic white infant mortality rate for mothers less than 20 years old dropped from 12.4 to 9.5 deaths per 1,000 live births. The black/African American infant mortality rate for mothers less than 20 dropped from a high of 21.4 in 2001-2003 to a low of 14.2 in 2005-2007. 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 7.5 in 2005-2007.
- Infant mortality rates also declined for most groups of mothers age 20 and older. In 1990-1992, the non-Hispanic white infant mortality rate for mothers aged 20 or older was 6.6. This rate dropped to 5.0 in 2005-2007. The Hispanic/Latino infant mortality rate for mothers aged 20 or older was 6.7 in 1990-1992 and 6.3 in 2005-2007. The non-Hispanic black/African American infant mortality rate for mothers aged 20 or older was the only rate that has not declined since 1990-1992. The rate was 15.5 in 1990-1992 compared to 15.9 in 2005-2007.

Table 1-9. Infant Mortality Rates by Race/Ethnicity and Mother's Age, Three-Year Rolling Averages, Wisconsin 1990-2007

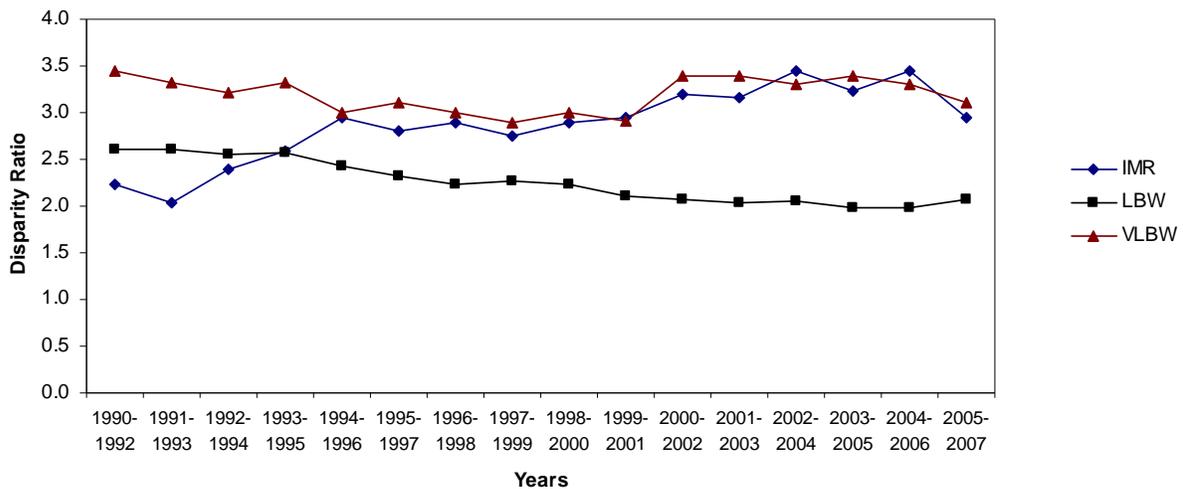
Years	Non-Hispanic White		Non-Hispanic Black/African American		Hispanic/Latino	
	<20	20+	<20	20+	<20	20+
1990-1992	12.4	6.6	16.5	15.5	-	6.7
1991-1993	11.3	6.7	14.4	14.3	-	7.2
1992-1994	10.5	6.3	15.3	16.0	14.4	6.9
1993-1995	10.5	6.3	16.4	17.4	-	8.3
1994-1996	10.6	5.8	17.0	18.8	-	9.3
1995-1997	10.3	5.5	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
2005-2007	9.5	5.0	14.2	15.9	7.5	6.3

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 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 2007 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 from the 1990-1992 period (2.2) to the 2004-2006 period (3.4) and then dropped in 2005-2007 (2.9) (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 2.1 in 2005-2007.
- The disparity ratio between the black/African American very low birthweight rate and the white very low birthweight rate decreased during the 1990s, to a low of 2.9 in 1999-2001. The disparity ratio was 3.1 in 2005-2007.

Figure 23. Black or African American/White Disparity Ratio for Infant Mortality, Low Birthweight and Very Low Birthweight, Three-Year Rolling Averages, 1990-2007



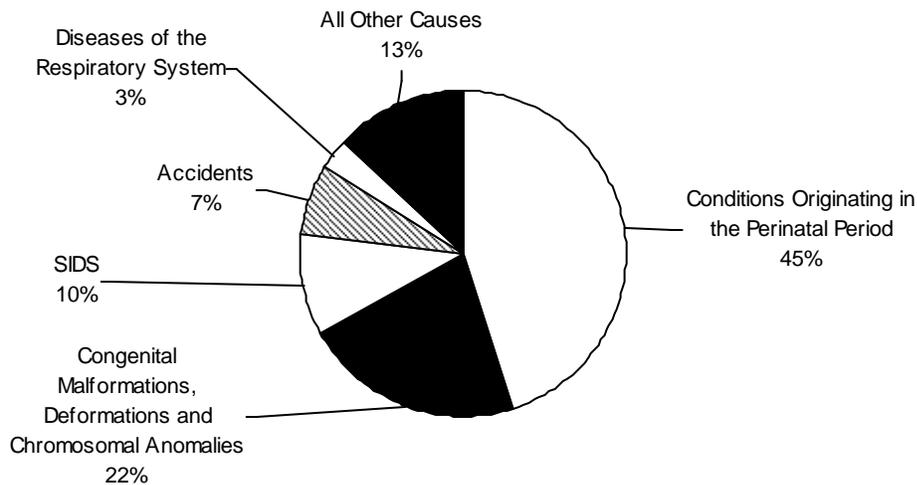
Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health Services.

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 45 percent of infant deaths in 2007 (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 22 percent of infant deaths in 2007.
- Ten percent of infant deaths in 2007 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, 2007

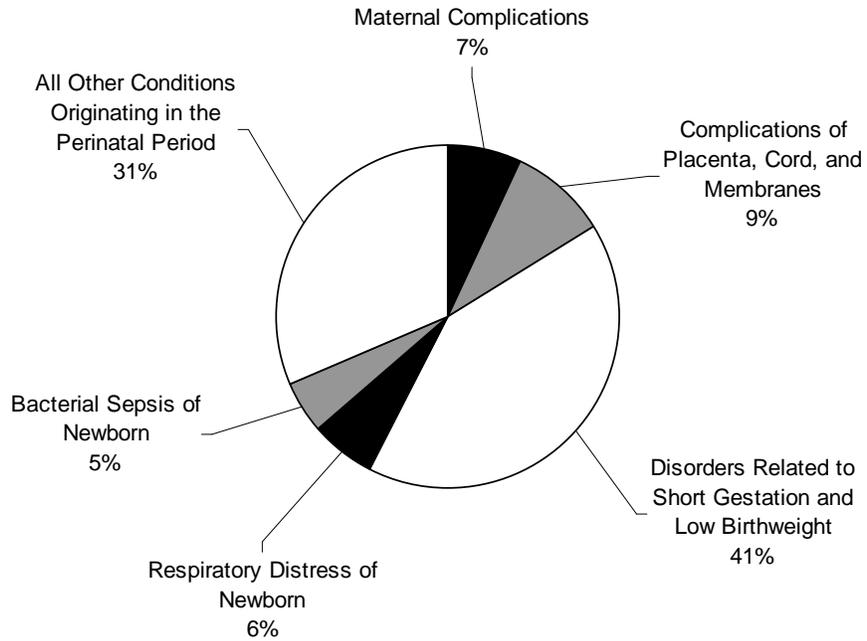


Source: Matched birth-death file, Bureau of Health Information and Policy, Division of Public Health, Department of Health Services.

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, 2007



Source: Matched birth-death file, Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 2007

County	Population Estimate	Total Births	Male	Female	Crude Birth Rate	General Fertility Rate
Total	5,641,581	72,757	37,239	35,518	12.9	64.5
Adams	21,384	154	85	69	7.2	52.7
Ashland	16,704	214	95	119	12.8	64.6
Barron	46,964	548	274	274	11.7	64.2
Bayfield	15,727	121	62	59	7.7	49.3
Brown	244,353	3,518	1,768	1,750	14.4	68.6
Buffalo	14,064	148	69	79	10.5	59.6
Burnett	16,618	136	71	65	8.2	55.2
Calumet	45,548	679	350	329	14.9	74.8
Chippewa	61,289	786	409	377	12.8	71.1
Clark	34,172	561	280	281	16.4	88.7
Columbia	55,681	679	366	313	12.2	65.6
Crawford	17,390	168	84	84	9.7	57.6
Dane	472,290	6,198	3,188	3,010	13.1	57.4
Dodge	88,939	962	480	482	10.8	59.7
Door	29,385	248	125	123	8.4	57.2
Douglas	44,044	510	271	239	11.6	58.4
Dunn	42,912	467	242	225	10.9	49.1
Eau Claire	97,904	1,215	648	567	12.4	54.6
Florence	5,125	32	14	18	6.2	40.4
Fond du Lac	100,681	1,257	649	608	12.5	62.6
Forest	10,174	118	60	58	11.6	70.8
Grant	50,373	576	293	283	11.4	61.6
Green	36,160	472	252	220	13.1	70.6
Green Lake	19,196	217	113	104	11.3	69.4
Iowa	23,965	308	158	150	12.9	66.3
Iron	6,789	38	16	22	5.6	34.6
Jackson	20,030	257	137	120	12.8	75.4
Jefferson	80,547	1,026	544	482	12.7	61.4
Juneau	27,030	307	147	160	11.4	66.5
Kenosha	162,085	2,142	1,074	1,068	13.2	62.4
Kewaunee	21,026	199	104	95	9.5	50.4
La Crosse	111,983	1,304	708	596	11.6	52.5
Lafayette	16,201	217	106	111	13.4	73.2
Langlade	21,169	217	116	101	10.3	60.0
Lincoln	30,297	318	171	147	10.5	59.1
Manitowoc	83,455	914	453	461	11.0	60.0

(Continued)

Table 2-1. Population, Births by Sex, Crude and General Fertility Rates by County of Residence, Wisconsin 2007

County	Population Estimate	Total Births	Male	Female	Crude Birth Rate	General Fertility Rate
Marathon	133,059	1,760	895	865	13.2	68.0
Marinette	44,017	448	240	208	10.2	58.2
Marquette	15,244	167	91	76	11.0	67.0
Menominee	4,616	102	56	46	22.1	112.3
Milwaukee	942,352	15,318	7,867	7,451	16.3	75.5
Monroe	43,704	666	316	350	15.2	81.9
Oconto	38,560	397	217	180	10.3	56.0
Oneida	37,917	304	151	153	8.0	48.6
Outagamie	174,084	2,281	1,154	1,127	13.1	62.4
Ozaukee	86,441	864	426	438	10.0	55.3
Pepin	7,613	91	47	44	12.0	68.2
Pierce	40,112	442	235	207	11.0	48.6
Polk	45,259	521	279	242	11.5	64.2
Portage	69,581	782	411	371	11.2	51.9
Price	15,540	130	74	56	8.4	51.9
Racine	195,511	2,623	1,330	1,293	13.4	68.5
Richland	18,222	220	117	103	12.1	67.5
Rock	159,875	2,161	1,111	1,050	13.5	67.5
Rusk	15,310	179	88	91	11.7	69.3
St. Croix	79,954	1,195	592	603	14.9	72.2
Sauk	60,080	816	442	374	13.6	71.0
Sawyer	17,463	208	99	109	11.9	75.6
Shawano	42,030	510	258	252	12.1	67.6
Sheboygan	116,341	1,407	696	711	12.1	64.1
Taylor	19,809	257	140	117	13.0	70.8
Trempealeau	28,071	385	200	185	13.7	75.0
Vernon	29,420	415	212	203	14.1	81.4
Vilas	22,554	199	104	95	8.8	60.1
Walworth	100,930	1,231	623	608	12.2	62.0
Washburn	17,243	191	101	90	11.1	71.5
Washington	129,346	1,518	776	742	11.7	60.3
Waukesha	381,233	4,067	2,073	1,994	10.7	57.1
Waupaca	53,322	592	302	290	11.1	61.1
Waushara	25,099	263	129	134	10.5	68.6
Winnebago	164,072	1,931	967	964	11.8	56.6
Wood	75,943	885	438	447	11.7	62.7

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 2007

City	Population Estimate	Births	Crude Birth Rate
Appleton	72,158	1,326	18.4
Beloit	37,110	694	18.7
Brookfield	39,780	292	7.3
Caledonia (V)	25,010	139	5.6
De Pere	22,670	402	17.7
Eau Claire	65,202	854	13.1
Fitchburg	23,240	316	13.6
Fond du Lac	43,270	721	16.7
Franklin	33,380	354	10.6
Grand Chute	20,465	84	4.1
Green Bay	104,020	2,215	21.3
Greenfield	36,140	364	10.1
Janesville	62,720	952	15.2
Kenosha	95,530	1,646	17.2
La Crosse	51,580	641	12.4
Madison	224,810	3,235	14.4
Manitowoc	34,620	477	13.8
Menomonee Falls (V)	34,450	395	11.5
Mequon/Thiensville	26,903	215	8.0
Milwaukee	590,190	11,457	19.4
Mount Pleasant (V)	25,710	138	5.4
Muskego	22,980	254	11.1
Neenah/Menasha	42,784	738	17.2
New Berlin	39,460	374	9.5
Oak Creek	32,410	403	12.4
Oshkosh	65,810	778	11.8
Racine	80,060	1,727	21.6
Sheboygan	50,600	825	16.3
South Milwaukee	21,285	222	10.4
Stevens Point	25,370	332	13.1
Sun Prairie	25,730	520	20.2
Superior	27,160	357	13.1
Watertown	23,166	361	15.6
Waukesha	67,880	1,090	16.1
Wausau	40,080	724	18.1
Wauwatosa	45,930	558	12.1
West Allis	60,410	787	13.0
West Bend	30,220	484	16.0

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 2007

STATE TOTAL	72,757	Kiel (C) (Pt.)	5	Monona (C)	61
Urban*	58,742	Menasha (C) (Pt.)	35	Mount Horeb (V)	111
Balance of State	14,015	New Holstein (C)	47	Oregon (T)	59
		Balance of County	164	Oregon (V)	91
ADAMS	154			Pleasant Springs (T)	16
Rome (T)	10	CHIPPEWA	786	Springfield (T)	9
Balance of County	144	Bloomer (C)	63	Stoughton (C)	197
		Chippewa Falls (C)	244	Sun Prairie (C)	520
ASHLAND	214	Eagle Point (T)	23	Verona (C)	148
Ashland (C) (Pt.)	110	Eau Claire (C) (Pt.)	22	Waunakee (V)	163
Balance of County	104	Lafayette (T)	62	Westport (T)	10
		Lake Hallie (V)	66	Windsor (T)	57
BARRON	548	Stanley (C) (Pt.)	37	Balance of County	422
Barron (C)	51	Wheaton (T)	25		
Rice Lake (C)	134	Balance of County	244	DODGE	962
Rice Lake (T)	23			Beaver Dam (C)	228
Balance of County	340	CLARK	561	Beaver Dam (T)	26
		Neillsville (C)	39	Columbus (C) (Pt.)	2
BAYFIELD	121	Stanley (C) (Pt.)	3	Fox Lake (T)	7
Ashland (C) (Pt.)	3	Balance of County	519	Horicon (C)	58
Balance of County	118			Juneau (C)	29
		COLUMBIA	679	Mayville (C)	70
BROWN	3,518	Columbus (C) (Pt.)	78	Watertown (C) (Pt.)	118
Allouez (V)	78	Lodi (C)	57	Waupun (C) (Pt.)	63
Ashwaubenon (V)	78	Lodi (T)	28	Balance of County	361
Bellevue (V)	107	Pacific (T)	17		
De Pere (C)	402	Portage (C)	126	DOOR	248
Green Bay (C)	2,215	Poynette (V)	50	Sevastopol (T)	9
Hobart (V)	33	Balance of County	323	Sturgeon Bay (C)	142
Howard (V) (Pt.)	101			Balance of County	97
Lawrence (T)	24	CRAWFORD	168		
Ledgeview (T)	33	Prairie du Chien (C)	69	DOUGLAS	510
Pittsfield (T)	12	Balance of County	99	Superior (C)	357
Pulaski (V) (Pt.)	65			Balance of County	153
Scott (T)	23	DANE	6,198		
Suamico (V)	104	Bristol (T)	10	DUNN	467
Wrightstown (V) (Pt.)	27	Burke (T)	9	Menomonie (C)	160
Balance of County	216	Cottage Grove (T)	68	Menomonie (T)	37
		Cottage Grove (V)	68	Balance of County	270
BUFFALO	148	Cross Plains (V)	22		
Mondovi (C)	33	De Forest (V)	139	EAU CLAIRE	1,215
Balance of County	115	Dunn (T)	18	Altoona (C)	109
		Edgerton (C) (Pt.)	8	Eau Claire (C) (Pt.)	832
BURNETT	136	Fitchburg (C)	316	Pleasant Valley (T)	26
		Madison (C)	3,235	Seymour (T)	21
CALUMET	679	Madison (T)	11	Union (T)	20
Appleton (C) (Pt.)	211	Marshall (V)	71	Washington (T)	41
Brillion (C)	53	McFarland (V)	103	Balance of County	166
Chilton (C)	50	Middleton (C)	231		
Harrison (T)	114	Middleton (T)	25	FLORENCE	32

* "Urban" is the sum of incorporated places having a population of 2,500 or more according to 2007 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 2007

FOND DU LAC	1,257	JUNEAU	307	Two Rivers (C)	127
Empire (T)	13	Mauston (C)	78	Balance of County	249
Fond du Lac (C)	721	Balance of County	229	MARATHON	1,760
Friendship (T)	28	KENOSHA	2,142	Kronenwetter (V)	27
Kewaskum (V) (Pt.)	2	Bristol (T)	29	Marshfield (C) (Pt.)	9
North Fond du Lac (V)	49	Genoa City (V) (Pt.)	4	Mosinee (C)	136
Ripon (C)	85	Kenosha (C)	1,646	Rib Mountain (T)	9
Taycheedah (T)	40	Paddock Lake (V)	25	Rothschild (V)	63
Waupun (C) (Pt.)	34	Pleasant Prairie (V)	167	Wausau (C)	724
Balance of County	285	Randall (T)	9	Weston (V)	99
FOREST	118	Salem (T)	87	Balance of County	693
GRANT	576	Silver Lake (V)	32	MARINETTE	448
Boscobel (C)	39	Somers (T)	22	Marinette (C)	163
Lancaster (C)	77	Twin Lakes (V)	87	Peshtigo (C)	40
Platteville (C)	97	Wheatland (T)	19	Peshtigo (T)	31
Balance of County	363	Balance of County	15	Stephenson (T)	2
GREEN	472	KEWAUNEE	199	Balance of County	212
Brodhead (C) (Pt.)	62	Algoma (C)	42	MARQUETTE	167
Monroe (C)	158	Kewaunee (C)	25	MENOMINEE	102
Balance of County	252	Balance of County	132	Menominee (T)	102
GREEN LAKE	217	LA CROSSE	1,304	MILWAUKEE	15,318
Berlin (C) (Pt.)	68	Campbell (T)	18	Bayside (V)(Pt.)	35
Balance of County	149	Holland (T)	20	Brown Deer (V)	112
IOWA	308	Holmen (V)	156	Cudahy (C)	221
Dodgeville (C)	72	La Crosse (C)	641	Fox Point (V)	67
Mineral Point (C)	41	Onalaska (C)	234	Franklin (C)	354
Balance of County	195	Onalaska (T)	41	Glendale (C)	114
IRON	38	Shelby (T)	18	Greendale (V)	103
JACKSON	257	West Salem (V)	78	Greenfield (C)	364
Black River Falls (C)	82	Balance of County	98	Hales Corners (V)	77
Brockway (T)	29	LAFAYETTE	217	Milwaukee (C) (Pt.)	11,456
Balance of County	146	LANGLADE	217	Oak Creek (C)	403
JEFFERSON	1,026	Antigo (C)	143	Shorewood (V)	102
Ft. Atkinson (C)	185	Balance of County	74	South Milwaukee (C)	222
Ixonia (T)	55	LINCOLN	318	St. Francis (C)	100
Jefferson (C)	123	Bradley (T)	12	Wauwatosa (C)	558
Koshkonong (T)	21	Merrill (C)	181	West Allis (C)	787
Lake Mills (C)	74	Merrill (T)	13	West Milwaukee (V)	38
Oakland (T)	10	Tomahawk (C)	52	Whitefish Bay (V)	196
Waterloo (C)	58	Balance of County	60	Balance of County	9
Watertown (C) (Pt.)	243	MANITOWOC	914	MONROE	666
Whitewater (C) (Pt.)	22	Kiel (C) (Pt.)	53	Sparta (C)	213
Balance of County	235	Manitowoc (C)	477	Sparta (T)	31
		Manitowoc Rapids (T)	8	Tomah (C)	159
				Balance of County	263

(Continued)

Table 2-3. Number of Births by County of Residence and Selected Minor Civil Divisions, Wisconsin 2007

OCONTO	397	Balance of County	212	Rock (T)	5
Chase (T)	22			Balance of County	142
Little Suamico (T)	49	POLK	521	RUSK	179
Oconto (C)	89	Alden (T)	12	Ladysmith (C)	47
Oconto Falls (C)	70	Amery (C)	53	Balance of County	132
Balance of County	167	Osceola (T)	57		
		Osceola (V)	35		
ONEIDA	304	Balance of County	364	ST. CROIX	1,195
Minocqua (T)	29			Baldwin (V)	67
Newbold (T)	11	PORTAGE	782	Hudson (C)	281
Pelican (T)	25	Hull (T)	26	Hudson (T)	66
Pine Lake (T)	29	Plover (V)	178	New Richmond (C)	203
Rhineland (C)	98	Stevens Point (C)	332	North Hudson (V)	18
Balance of County	112	Stockton (T)	18	Richmond (T)	23
		Balance of County	228	River Falls (C) (Pt.)	50
				Somerset (T)	87
OUTAGAMIE	2,281	PRICE	130	St. Joseph (T)	25
Appleton (C) (Pt.)	1,076	Park Falls (C)	36	Star Prairie (T)	23
Buchanan (T)	39	Balance of County	94	Troy (T)	12
Center (T)	17			Balance of County	340
Combined Locks (V)	48	RACINE	2,623		
Dale (T)	18	Burlington (C) (Pt.)	178	SAUK	816
Ellington (T)	10	Burlington (T)	45	Baraboo (C)	196
Freedom (T)	54	Caledonia (V)	139	Lake Delton (V)	23
Grand Chute (T)	84	Dover (T)	16	Prairie du Sac (V)	41
Greenville (T)	114	Mt. Pleasant (V)	138	Reedsburg (C)	164
Hortonville (V)	56	Norway (T)	40	Sauk City (V)	52
Kaukauna (C)	262	Racine (C)	1,727	Balance of County	340
Kimberly (V)	70	Raymond (T)	20		
Little Chute (V)	125	Rochester (T)	15	SAWYER	208
New London (C) (Pt.)	24	Sturtevant (V)	72	Hayward (T)	55
Oneida (T)	68	Union Grove (V)	76	Balance of County	153
Seymour (C)	60	Waterford (T)	64		
Wrightstown (V) (Pt.)	4	Waterford (V)	62	SHAWANO	510
Balance of County	152	Yorkville (T)	10	Pulaski (V) (Pt.)	18
		Balance of County	21	Shawano (C)	169
OZAUKEE	864			Wescott (T)	19
Cedarburg (C)	113	RICHLAND	220	Balance of County	304
Cedarburg (T)	42	Richland Center (C)	82		
Grafton (T)	49	Balance of County	138	SHEBOYGAN	1,407
Grafton (V)	104			Greenbush (T)	6
Mequon (C)	179	ROCK	2,161	Howards Grove (V)	36
Port Washington (C)	130	Beloit (C)	694	Lima (T)	18
Saukville (V)	53	Beloit (T)	24	Oostburg (V)	52
Thiensville (V)	36	Brodhead (C) (Pt.)	4	Plymouth (C)	119
Balance of County	158	Edgerton (C) (Pt.)	112	Plymouth (T)	9
		Evansville (C)	108	Sheboygan (C)	825
PEPIN	91	Fulton (T)	6	Sheboygan (T)	40
		Janesville (C)	952	Sheboygan Falls (C)	97
PIERCE	442	Janesville (T)	12	Wilson (T)	13
Ellsworth (V)	29	Milton (C)	94	Balance of County	192
Prescott (C)	84	Milton (T)	8		
River Falls (C) (Pt.)	117				

(Continued)

Table 2-3. Number of Births by County of Residence and Selected Minor Civil Divisions, Wisconsin 2007

TAYLOR	257	Barton (T)	15	Vernon (T)	35
Medford (C)	63	Erin (T)	27	Wales (V)	24
Balance of County	194	Farmington (T)	23	Waukesha (C)	1,090
		Germantown (V)	174	Waukesha (T)	60
TREMPEALEAU	385	Hartford (C) (Pt.)	222	Balance of County	160
		Hartford (T)	27		
VERNON	415	Jackson (T)	44	WAUPACA	592
Viroqua (C)	68	Jackson (V)	90	Clintonville (C)	77
Balance of County	347	Kewaskum (V) (Pt.)	50	Dayton (T)	15
		Polk (T)	12	Farmington (T)	22
VILAS	199	Richfield (T)	94	Mukwa (T)	10
Arbor Vitae (T)	21	Slinger (V)	76	New London (C) (Pt.)	116
Lac du Flambeau (T)	66	Trenton (T)	21	Waupaca (C)	87
Lincoln (T)	8	West Bend (C)	484	Balance of County	265
Balance of County	104	West Bend (T)	31		
		Balance of County	91	WAUSHARA	263
WALWORTH	1,231			Berlin (C) (Pt.)	7
Bloomfield (T)	26	WAUKESHA	4,067	Balance of County	256
Burlington (C) (Pt.)	20	Brookfield (C)	292		
Delavan (C)	188	Brookfield (T)	39	WINNEBAGO	1,931
Delavan (T)	48	Delafield (C)	56	Algoma (T)	28
East Troy (T)	52	Delafield (T)	39	Appleton (C) (Pt.)	39
East Troy (V)	49	Eagle (T)	25	Clayton (T)	28
Elkhorn (C)	202	Elm Grove (V)	33	Menasha (C) (Pt.)	249
Geneva (T)	8	Genesee (T)	34	Menasha (T)	110
Genoa City (V) (Pt.)	101	Hartland (V)	138	Neenah (C)	454
La Grange (T)	4	Lisbon (T)	59	Neenah (T)	39
Lake Geneva (C)	170	Menomonee Falls (V)	395	Omro (C)	46
Lyons (T)	17	Merton (T)	47	Oshkosh (C)	778
Mukwonago (V) (Pt.)	1	Merton (V)	22	Oshkosh (T)	31
Sugar Creek (T)	24	Milwaukee (C) (Pt.)	1	Winneconne (V)	28
Walworth (V)	30	Mukwonago (T)	83	Balance of County	101
Whitewater (C) (Pt.)	95	Mukwonago (V) (Pt.)	88		
Williams Bay (V)	26	Muskego (C)	254	WOOD	885
Balance of County	170	New Berlin (C)	374	Grand Rapids (T)	24
		Oconomowoc (C)	236	Marshfield (C) (Pt.)	239
WASHBURN	191	Oconomowoc (T)	58	Nekoosa (C)	49
Spooner (C)	53	Ottawa (T)	18	Saratoga (T)	21
Balance of County	138	Pewaukee (C)	164	Wisconsin Rapids (C)	310
		Pewaukee (V)	76	Balance of County	242
WASHINGTON	1,518	Summit (T)	26		
Addison (T)	37	Sussex (V)	141		

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 2007

County	City	Hospital	Births
Ashland	Ashland	Memorial Medical Center	296
Barron	Cumberland	Cumberland Memorial Hospital	59
	Rice Lake	Lakeview Medical Center	405
	Barron	Barron Memorial Medical Center	110
Brown	Green Bay	Aurora Baycare Medical Center	1,709
	Green Bay	Bellin Health System	1,257
	Green Bay	St Marys Hospital Medical Center	713
	Green Bay	St Vincent Hospital	1,017
Burnett	Grantsburg	Burnett Medical Center, Inc.	52
Calumet	Chilton	Calumet Medical Center	1
Chippewa	Chippewa Falls	St Josephs Hospital	495
Clark	Neillsville	Memorial Hospital, Inc.	54
Columbia	Columbus	Columbus Community Hospital, Inc.	51
	Portage	Divine Savior Healthcare	300
	Prairie du Chien	Prairie du Chien Memorial Hospital	148
Dane	Madison	Meriter Hospital, Inc	3,889
	Madison	St Marys Hospital Medical Center	3,396
	Madison	University of Wisconsin Hospital	1
	Middleton	Madison Birth Center	68
Dodge	Beaver Dam	Beaver Dam Community Hospital	437
	Watertown	Watertown Memorial Hospital	327
	Waupun	Waupun Memorial Hospital	140
Door	Sturgeon Bay	Door County Memorial Hospital	148
Dunn	Menomonie	Red Cedar Medical Center	319
Eau Claire	Eau Claire	Luther Hospital	849
	Eau Claire	Sacred Heart Hospital	1,107
Fond du Lac	Fond du Lac	St. Agnes Hospital	981
Grant	Boscobel	Boscobel Area Health Care	49
	Lancaster	Grant Regional Health Center, Inc.	138
	Platteville	Southwest Health Center	151
Green	Monroe	The Monroe Clinic	404
Green Lake	Berlin	Berlin Memorial Hospital	227
Iowa	Dodgeville	Upland Hills Health, Inc.	262
Jackson	Black River Falls	Black River Memorial Hospital	152
Jefferson	Fort Atkinson	Fort Atkinson Memorial Hospital	524
Juneau	Mauston	Hess Memorial Hospital	186
Kenosha	Kenosha	Aurora Medical Center	1,118
	Kenosha	United Hospital Systems-Keno Med Ctr Camp	844
La Crosse	La Crosse	Gundersen Lutheran Medical Center	1,601
	La Crosse	Franciscan Skemp Healthcare	839
Lafayette	Darlington	Memorial Hospital of Lafayette County	57
Langlade	Antigo	Langlade Memorial Hospital	218
Lincoln	Tomahawk	Sacred Heart Hospital	1
Manitowoc	Manitowoc	Holy Family Memorial Medical Center	387
	Two Rivers	Aurora Medical Center	347
Marathon	Wausau	Wausau Hospital	1,085
	Weston	St Clares Hospital	821
Marinette	Marinette	Bay Area Medical Center	383
Milwaukee	Milwaukee	The Columbia Center	351

(Continued)

Table 2-4. Births by County, City and Facility of Occurrence, Wisconsin 2007

County	City	Hospital	Births
	Milwaukee	Aurora Sinai Medical Center, Inc.	2,484
	Milwaukee	St. Francis Hospital	1,240
	Milwaukee	St. Josephs Regional Medical Center	4,486
	Milwaukee	St. Marys Hospital	3,221
	Wauwatosa	Froedert Memorial Lutheran Hospital	1,730
	West Allis	West Allis Memorial Hospital	3,320
Monroe	Sparta	Franciscan Skemp Healthcare-Sparta	86
	Tomah	Tomah Memorial Hospital, Inc.	301
Oconto	Oconto Falls	Community Memorial Hospital	90
Oneida	Rhineland	Sacred Heart-St Marys Hospital, Inc.	412
	Woodruff	Howard Young Medical Center	368
Outagamie	Appleton	Appleton Medical Center	1,190
	Appleton	St Elizabeth Hospital	1,263
	New London	New London Family Medical Center	159
Ozaukee	Mequon	The Columbia Center	260
	Mequon	St Marys Hospital-Ozaukee	551
Polk	Amery	Amery Regional Medical Center	150
	Osceola	Osceola Medical Center	90
	Saint Croix	St Croix Regional Medical Center	295
Portage	Stevens Point	St. Michaels Hospital	609
Price	Park Falls	Flambeau Hospital, Inc.	1
Racine	Burlington	Aurora Memorial Hospital Of Burlington	303
	Racine	All Saints-St. Lukes Health Pavilion	1,901
Richland	Richland Center	The Richland Hospital	187
Rock	Beloit	Beloit Memorial Hospital, Inc.	725
	Edgerton	Community Memorial Hospital	1
	Janesville	Mercy Health System	1,224
Rusk	Ladysmith	Rusk County Memorial Hospital	89
Sauk	Baraboo	St Clare Hospital and Health Services	347
	Prairie du Sac	Sauk Prairie Memorial Hospital	283
	Reedsburg	Reedsburg Area Medical Center	274
Sawyer	Hayward	Hayward Area Memorial Hospital	194
Shawano	Shawano	Shawano Medical Center	360
Sheboygan	Sheboygan	Aurora Sheboygan Memorial Medical Center	1,177
	Sheboygan	St. Nicholas Hospital	274
St.Croix	Baldwin	Baldwin Area Medical Center	109
	Hudson	Hudson Hospital	432
	New Richmond	Westfields Hospital	133
	River Falls	River Falls Area Hospital	235
Taylor	Medford	Memorial Health Center, Inc.	204
Trempealeau	Arcadia	Franciscan Skemp Healthcare-Arcadia	76
Vernon	Hillsboro	St Josephs Community Health Services	31
	La Farge	The LaFarge Clinic	73
	Viroqua	Vernon Memorial Hospital	178
Walworth	Elkhorn	Aurora Lakeland Medical Center	809
	Lake Geneva	Mercy Walworth Medical Center	1
Washburn	Shell Lake	Indianhead Medical Center, Inc.	20
	Spooner	Spooner Health System	83
Washington	Hartford	Aurora Medical Center	331

(Continued)

Table 2-4. Births by County, City and Facility of Occurrence, Wisconsin 2007

County	City	Hospital	Births
	West Bend	St. Josephs Community Hospital	740
Waukesha	Brookfield	Wheaten Franciscan – St. Joseph/Elmbrook Unit	531
	Menomonee Falls	Community Memorial Hospital	897
	Oconomowoc	Oconomowoc Memorial Hospital	819
	Waukesha	Waukesha Memorial Hospital	2,135
Waupaca	Waupaca	Riverside Medical Center	207
Waushara	Wild Rose	Wild Rose Community Memorial Hospital	1
Winnebago	Neenah	Theda Clark Regional Medical Center	1,295
	Oshkosh	Aurora Medical Center Of Oshkosh	828
	Oshkosh	Mercy Medical Center	593
Wood	Marshfield	St. Josephs Hospital	1,251
	Wisconsin Rapids	Riverview Hospital Association	510

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 2007

County of Birth	Number of Births	County of Birth	Number of Births
Adams	1	Marathon	45
Ashland	2	Marinette	8
Barron	4	Marquette	36
Bayfield	6	Menominee	-
Brown	7	Milwaukee	43
Buffalo	-	Monroe	56
Burnett	-	Oconto	8
Calumet	8	Oneida	3
Chippewa	17	Outagamie	8
Clark	181	Ozaukee	8
Columbia	11	Pepin	60
Crawford	3	Pierce	3
Dane	54	Polk	4
Dodge	2	Portage	11
Door	2	Price	1
Douglas	2	Racine	13
Dunn	18	Richland	12
Eau Claire	31	Rock	19
Florence	-	Rusk	13
Fond du Lac	6	St. Croix	6
Forest	-	Sauk	21
Grant	38	Sawyer	3
Green	10	Shawano	6
Green Lake	23	Sheboygan	14
Iowa	8	Taylor	12
Iron	-	Trempealeau	11
Jackson	21	Vernon	98
Jefferson	5	Vilas	-
Juneau	2	Walworth	8
Kenosha	10	Washburn	4
Kewaunee	1	Washington	10
La Crosse	4	Waukesha	14
Lafayette	13	Waupaca	12
Langlade	3	Waushara	8
Lincoln	6	Winnebago	6
Manitowoc	3	Wood	4
		Total	1,091

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

Notes: This table shows the number of Wisconsin resident births in 2007 that occurred at home by the county in which the birth occurred. In 2007, there was one birth in which the county of birth was unknown. Almost all births (71,526 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 2007

County	Total	< 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	72,757	80	1,874	4,366	16,969	22,557	17,269	7,958	1,575	97
Adams	154	-	12	15	46	42	27	9	2	1
Ashland	214	-	5	17	56	74	37	18	6	1
Barron	548	-	6	39	167	183	100	42	11	-
Bayfield	121	-	3	8	25	44	22	16	3	-
Brown	3,518	4	95	205	850	1,053	880	365	64	2
Buffalo	148	-	4	5	39	53	28	17	2	-
Burnett	136	-	6	9	40	43	23	12	3	-
Calumet	679	-	6	16	106	226	231	72	21	1
Chippewa	786	-	14	44	223	282	157	48	16	1
Clark	561	1	5	30	154	181	108	60	18	4
Columbia	679	-	9	33	132	224	175	85	21	-
Crawford	168	-	-	13	46	54	34	14	7	-
Dane	6,198	5	107	252	1,042	1,830	1,865	921	161	15
Dodge	962	-	19	44	225	314	238	103	19	-
Door	248	-	6	8	55	82	59	30	8	-
Douglas	510	-	9	35	134	170	115	38	9	-
Dunn	467	-	13	33	119	169	87	36	10	-
Eau Claire	1,215	1	18	71	291	400	296	108	26	3
Florence	32	-	1	2	6	10	9	4	-	-
Fond du Lac	1,257	-	25	75	301	435	274	128	17	2
Forest	118	-	1	11	39	43	16	7	1	-
Grant	576	-	11	33	157	185	114	63	11	2
Green	472	-	8	23	114	153	112	55	6	-
Green Lake	217	-	5	9	60	61	51	21	10	-
Iowa	308	-	5	12	63	106	73	40	8	1
Iron	38	-	-	1	10	14	3	6	4	-
Jackson	257	-	3	23	76	85	45	19	6	-
Jefferson	1,026	-	16	48	213	333	268	125	22	1
Juneau	307	-	13	28	85	93	63	20	5	-
Kenosha	2,142	1	83	138	533	639	481	209	52	6
Kewaunee	199	-	2	9	42	77	48	17	4	-
La Crosse	1,304	1	29	69	296	414	326	144	20	5
Lafayette	217	-	2	11	58	73	38	30	5	-
Langlade	217	1	4	26	66	65	29	20	6	-
Lincoln	318	1	2	28	98	92	68	22	7	-
Manitowoc	914	1	20	60	212	290	230	77	24	-
Marathon	1,760	1	20	91	422	569	418	205	32	1
Marinette	448	-	5	29	141	159	67	40	7	-
Marquette	167	-	5	16	43	47	32	20	4	-
Menominee	102	1	15	13	32	15	17	4	5	-
Milwaukee	15,318	48	726	1,311	4,096	4,258	3,083	1,492	280	20
Monroe	666	1	15	43	199	220	108	64	15	-

(Continued)

Table 2-6. Number of Births by Age of Mother and County of Residence, Wisconsin 2007

County	Total	< 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Oconto	397	-	5	26	89	135	95	34	12	1
Oneida	304	-	7	21	69	105	62	30	10	-
Outagamie	2,281	1	40	99	433	829	573	264	38	4
Ozaukee	864	-	6	16	101	246	272	174	47	2
Pepin	91	-	-	6	22	33	19	10	1	-
Pierce	442	-	3	14	102	141	112	54	16	-
Polk	521	-	12	29	119	183	110	56	12	-
Portage	782	-	18	51	161	274	190	77	11	-
Price	130	-	1	3	40	41	28	11	5	1
Racine	2,623	2	92	218	663	805	542	250	50	1
Richland	220	-	-	11	58	89	45	11	5	1
Rock	2,161	3	71	174	595	669	416	200	31	1
Rusk	179	-	-	17	55	48	38	17	4	-
St. Croix	1,195	1	14	21	190	421	381	143	22	2
Sauk	816	-	21	51	207	259	187	78	12	1
Sawyer	208	-	10	21	75	52	35	13	2	-
Shawano	510	1	7	26	147	169	112	39	7	1
Sheboygan	1,407	1	32	83	339	441	340	141	29	1
Taylor	257	1	4	15	75	85	50	20	5	2
Trempealeau	385	-	4	22	90	147	77	39	6	-
Vernon	415	-	4	14	105	142	77	60	10	2
Vilas	199	1	7	19	56	57	36	20	3	-
Walworth	1,231	-	26	73	306	361	314	129	22	-
Washburn	191	-	3	9	68	57	37	13	4	-
Washington	1,518	-	17	46	259	476	464	214	41	1
Waukesha	4,067	2	36	97	506	1,170	1,385	712	154	5
Waupaca	592	-	13	36	164	185	127	59	8	-
Waushara	263	-	8	20	77	81	51	22	4	-
Winnebago	1,931	-	32	97	444	695	456	170	33	4
Wood	885	-	28	45	242	301	183	72	13	1

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

Notes: Included in the total column are 12 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 2007

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	72,757	0.1%	2.6%	6.0%	23.3%	31.0%	23.7%	10.9%	2.2%	0.1%
Adams	154	-	7.8	9.7	29.9	27.3	17.5	5.8	1.3	0.6
Ashland	214	-	2.3	7.9	26.2	34.6	17.3	8.4	2.8	0.5
Barron	548	-	1.1	7.1	30.5	33.4	18.2	7.7	2.0	-
Bayfield	121	-	2.5	6.6	20.7	36.4	18.2	13.2	2.5	-
Brown	3,518	0.1	2.7	5.8	24.2	29.9	25.0	10.4	1.8	0.1
Buffalo	148	-	2.7	3.4	26.4	35.8	18.9	11.5	1.4	-
Burnett	136	-	4.4	6.6	29.4	31.6	16.9	8.8	2.2	-
Calumet	679	-	0.9	2.4	15.6	33.3	34.0	10.6	3.1	0.1
Chippewa	786	-	1.8	5.6	28.4	35.9	20.0	6.1	2.0	0.1
Clark	561	0.2	0.9	5.3	27.5	32.3	19.3	10.7	3.2	0.7
Columbia	679	-	1.3	4.9	19.4	33.0	25.8	12.5	3.1	-
Crawford	168	-	-	7.7	27.4	32.1	20.2	8.3	4.2	-
Dane	6,198	0.1	1.7	4.1	16.8	29.5	30.1	14.9	2.6	0.2
Dodge	962	-	2.0	4.6	23.4	32.6	24.7	10.7	2.0	-
Door	248	-	2.4	3.2	22.2	33.1	23.8	12.1	3.2	-
Douglas	510	-	1.8	6.9	26.3	33.3	22.5	7.5	1.8	-
Dunn	467	-	2.8	7.1	25.5	36.2	18.6	7.7	2.1	-
Eau Claire	1,215	0.1	1.5	5.8	24.0	32.9	24.4	8.9	2.1	0.2
Florence	32	-	3.1	6.3	18.8	31.3	28.1	12.5	-	-
Fond du Lac	1,257	-	2.0	6.0	23.9	34.6	21.8	10.2	1.4	0.2
Forest	118	-	0.8	9.3	33.1	36.4	13.6	5.9	0.8	-
Grant	576	-	1.9	5.7	27.3	32.1	19.8	10.9	1.9	0.3
Green	472	-	1.7	4.9	24.2	32.4	23.7	11.7	1.3	-
Green Lake	217	-	2.3	4.1	27.6	28.1	23.5	9.7	4.6	-
Iowa	308	-	1.6	3.9	20.5	34.4	23.7	13.0	2.6	0.3
Iron	38	-	-	2.6	26.3	36.8	7.9	15.8	10.5	-
Jackson	257	-	1.2	8.9	29.6	33.1	17.5	7.4	2.3	-
Jefferson	1,026	-	1.6	4.7	20.8	32.5	26.1	12.2	2.1	0.1
Juneau	307	-	4.2	9.1	27.7	30.3	20.5	6.5	1.6	-
Kenosha	2,142	0.0	3.9	6.4	24.9	29.8	22.5	9.8	2.4	0.3
Kewaunee	199	-	1.0	4.5	21.1	38.7	24.1	8.5	2.0	-
La Crosse	1,304	0.1	2.2	5.3	22.7	31.7	25.0	11.0	1.5	0.4
Lafayette	217	-	0.9	5.1	26.7	33.6	17.5	13.8	2.3	-
Langlade	217	0.5	1.8	12.0	30.4	30.0	13.4	9.2	2.8	-
Lincoln	318	0.3	0.6	8.8	30.8	28.9	21.4	6.9	2.2	-
Manitowoc	914	0.1	2.2	6.6	23.2	31.7	25.2	8.4	2.6	-
Marathon	1,760	0.1	1.1	5.2	24.0	32.3	23.8	11.6	1.8	0.1
Marinette	448	-	1.1	6.5	31.5	35.5	15.0	8.9	1.6	-
Marquette	167	-	3.0	9.6	25.7	28.1	19.2	12.0	2.4	-
Menominee	102	1.0	14.7	12.7	31.4	14.7	16.7	3.9	4.9	-
Milwaukee	15,318	0.3	4.7	8.6	26.7	27.8	20.1	9.7	1.8	0.1
Monroe	666	0.2	2.3	6.5	29.9	33.0	16.2	9.6	2.3	-

(Continued)

Table 2-7. Percent of Births by Age of Mother and County of Residence, Wisconsin 2007

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Oconto	397	-	1.3	6.5	22.4	34.0	23.9	8.6	3.0	0.3
Oneida	304	-	2.3	6.9	22.7	34.5	20.4	9.9	3.3	-
Outagamie	2,281	0.0	1.8	4.3	19.0	36.3	25.1	11.6	1.7	0.2
Ozaukee	864	-	0.7	1.9	11.7	28.5	31.5	20.1	5.4	0.2
Pepin	91	-	-	6.6	24.2	36.3	20.9	11.0	1.1	-
Pierce	442	-	0.7	3.2	23.1	31.9	25.3	12.2	3.6	-
Polk	521	-	2.3	5.6	22.8	35.1	21.1	10.7	2.3	-
Portage	782	-	2.3	6.5	20.6	35.0	24.3	9.8	1.4	-
Price	130	-	0.8	2.3	30.8	31.5	21.5	8.5	3.8	0.8
Racine	2,623	0.1	3.5	8.3	25.3	30.7	20.7	9.5	1.9	0.0
Richland	220	-	-	5.0	26.4	40.5	20.5	5.0	2.3	0.5
Rock	2,161	0.1	3.3	8.1	27.5	31.0	19.3	9.3	1.4	0.0
Rusk	179	-	-	9.5	30.7	26.8	21.2	9.5	2.2	-
St. Croix	1,195	0.1	1.2	1.8	15.9	35.2	31.9	12.0	1.8	0.2
Sauk	816	-	2.6	6.3	25.4	31.7	22.9	9.6	1.5	0.1
Sawyer	208	-	4.8	10.1	36.1	25.0	16.8	6.3	1.0	-
Shawano	510	0.2	1.4	5.1	28.8	33.1	22.0	7.6	1.4	0.2
Sheboygan	1,407	0.1	2.3	5.9	24.1	31.3	24.2	10.0	2.1	0.1
Taylor	257	0.4	1.6	5.8	29.2	33.1	19.5	7.8	1.9	0.8
Trempealeau	385	-	1.0	5.7	23.4	38.2	20.0	10.1	1.6	-
Vernon	415	-	1.0	3.4	25.3	34.2	18.6	14.5	2.4	0.5
Vilas	199	0.5	3.5	9.5	28.1	28.6	18.1	10.1	1.5	-
Walworth	1,231	-	2.1	5.9	24.9	29.3	25.5	10.5	1.8	-
Washburn	191	-	1.6	4.7	35.6	29.8	19.4	6.8	2.1	-
Washington	1,518	-	1.1	3.0	17.1	31.4	30.6	14.1	2.7	0.1
Waukesha	4,067	0.0	0.9	2.4	12.4	28.8	34.1	17.5	3.8	0.1
Waupaca	592	-	2.2	6.1	27.7	31.3	21.5	10.0	1.4	-
Waushara	263	-	3.0	7.6	29.3	30.8	19.4	8.4	1.5	-
Winnebago	1,931	-	1.7	5.0	23.0	36.0	23.6	8.8	1.7	0.2
Wood	885	-	3.2	5.1	27.3	34.0	20.7	8.1	1.5	0.1

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

Notes: Included in the total column are 12 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 2007

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	72,757	80	1,874	4,366	16,969	22,557	17,269	7,958	1,575	97
DHS Regions										
Southern	13,653	8	282	714	2,933	4,233	3,464	1,689	303	24
Southeastern	28,789	53	1,002	1,947	6,677	8,288	6,809	3,305	668	36
Northeastern	15,130	9	321	827	3,535	4,980	3,643	1,503	295	16
Western	9,602	5	158	519	2,384	3,230	2,167	920	201	15
Northern	5,583	5	111	359	1,440	1,826	1,186	541	108	6
Perinatal Regions										
South Central	15,327	8	320	808	3,301	4,731	3,935	1,869	330	23
Southeast	27,939	54	992	1,909	6,497	8,035	6,567	3,192	653	36
Fox Valley	7,387	1	134	368	1,628	2,559	1,795	756	135	11
Northeast	6,336	7	155	376	1,568	1,980	1,508	606	131	4
Western	8,608	4	139	446	2,084	2,927	1,957	854	180	13
North Central	5,742	6	98	359	1,483	1,871	1,235	565	115	9
Northwest	1,418	-	36	100	408	454	272	116	31	1

Table 2-9. Percent of Births by Age of Mother and Region, Wisconsin 2007

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	72,757	0.1%	2.6%	6.0%	23.3%	31.0%	23.7%	10.9%	2.2%	0.1%
DHS Regions										
Southern	13,653	0.1	2.1	5.2	21.5	31.0	25.4	12.4	2.2	0.2
Southeastern	28,789	0.2	3.5	6.8	23.2	28.8	23.7	11.5	2.3	0.1
Northeastern	15,130	0.1	2.1	5.5	23.4	32.9	24.1	9.9	1.9	0.1
Western	9,602	0.1	1.6	5.4	24.8	33.6	22.6	9.6	2.1	0.2
Northern	5,583	0.1	2.0	6.4	25.8	32.7	21.2	9.7	1.9	0.1
Perinatal Regions										
South Central	15,327	0.1	2.1	5.3	21.5	30.9	25.7	12.2	2.2	0.2
Southeast	27,939	0.2	3.6	6.8	23.3	28.8	23.5	11.4	2.3	0.1
Fox Valley	7,387	0.0	1.8	5.0	22.0	34.6	24.3	10.2	1.8	0.1
Northeast	6,336	0.1	2.4	5.9	24.7	31.3	23.8	9.6	2.1	0.1
Western	8,608	0.0	1.6	5.2	24.2	34.0	22.7	9.9	2.1	0.2
North Central	5,742	0.1	1.7	6.3	25.8	32.6	21.5	9.8	2.0	0.2
Northwest	1,418	-	2.5	7.1	28.8	32.0	19.2	8.2	2.2	0.1

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

Notes: Included in the totals are 12 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 Services (DHS) 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 2007

County	Total	White	Black/Afr. American	Amer. Indian	Hispanic/Latino	Laotian or Hmong	Other Asian
Total	72,757	54,522	7,230	1,171	6,911	1,304	1,580
Adams	154	145	2	2	4	-	-
Ashland	214	159	1	45	6	-	3
Barron	548	520	9	4	10	-	5
Bayfield	121	100	-	17	3	-	1
Brown	3,518	2,652	86	188	433	113	46
Buffalo	148	143	1	-	3	-	1
Burnett	136	118	-	16	2	-	-
Calumet	679	623	4	1	36	12	3
Chippewa	786	760	-	7	9	7	2
Clark	561	525	2	1	29	-	4
Columbia	679	640	5	5	27	-	2
Crawford	168	164	-	-	2	-	2
Dane	6,198	4,545	503	43	611	110	379
Dodge	962	879	5	6	60	1	11
Door	248	232	-	1	14	-	1
Douglas	510	477	2	17	10	1	3
Dunn	467	424	1	2	17	21	2
Eau Claire	1,215	1,076	10	17	23	71	17
Florence	32	30	-	-	2	-	-
Fond du Lac	1,257	1,111	16	8	96	17	9
Forest	118	86	-	31	1	-	-
Grant	576	553	1	-	10	-	12
Green	472	440	2	1	26	-	3
Green Lake	217	201	-	1	12	1	2
Iowa	308	302	-	-	5	-	1
Iron	38	34	-	4	-	-	-
Jackson	257	209	-	37	10	-	1
Jefferson	1,026	862	7	1	138	1	17
Juneau	307	291	3	4	6	1	2
Kenosha	2,142	1,522	208	12	356	2	42
Kewaunee	199	185	-	3	10	1	-
La Crosse	1,304	1,139	24	13	25	78	25
Lafayette	217	210	-	-	7	-	-
Langlade	217	207	1	-	8	-	1
Lincoln	318	298	-	2	14	3	1
Manitowoc	914	810	10	3	46	35	10
Marathon	1,760	1,471	14	6	51	181	36
Marinette	448	442	3	2	1	-	-
Marquette	167	159	-	-	8	-	-
Menominee	102	5	-	94	3	-	-
Milwaukee	15,318	6,113	5,550	146	2,769	332	397
Monroe	666	605	4	8	42	1	5

(Continued)

Table 2-10. Number of Births by Race/Ethnicity of Mother and County of Residence, Wisconsin 2007

County	Total	White	Black/Afr. American	Amer. Indian	Hispanic/Latino	Laotian or Hmong	Other Asian
Oconto	397	380	-	13	4	-	-
Oneida	304	290	2	6	2	-	4
Outagamie	2,281	1,970	17	52	113	71	58
Ozaukee	864	806	9	2	24	4	19
Pepin	91	91	-	-	-	-	-
Pierce	442	423	1	7	8	-	2
Polk	521	502	-	8	8	-	3
Portage	782	688	3	6	41	34	10
Price	130	124	1	1	-	-	4
Racine	2,623	1,618	436	14	503	2	47
Richland	220	216	-	-	2	-	2
Rock	2,161	1,757	152	10	215	2	25
Rusk	179	174	-	1	2	-	2
St. Croix	1,195	1,142	4	10	16	10	11
Sauk	816	714	6	26	66	-	4
Sawyer	208	131	-	70	4	-	3
Shawano	510	416	2	69	17	-	5
Sheboygan	1,407	1,116	17	5	128	104	35
Taylor	257	245	-	1	10	-	1
Trempealeau	385	330	-	1	52	1	1
Vernon	415	410	-	-	5	-	-
Vilas	199	143	-	53	3	-	-
Walworth	1,231	958	9	8	243	2	11
Washburn	191	177	2	3	6	-	3
Washington	1,518	1,413	9	10	56	5	25
Waukesha	4,067	3,518	55	16	249	9	218
Waupaca	592	565	1	3	21	1	1
Waushara	263	226	-	2	35	-	-
Winnebago	1,931	1,706	26	13	103	52	29
Wood	885	806	4	13	30	18	11

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

Notes: See Technical Notes (page 107) for definition of race/ethnicity categories. Included in the totals are 39 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 2007

County	Total	White	Black/Afr. American	Amer. Indian	Hispanic/ Latino	Laotian or Hmong	Other Asian
Total	72,757	74.9%	9.9%	1.6%	9.5%	1.8%	2.2%
Adams	154	94.2	1.3	1.3	2.6	-	-
Ashland	214	74.3	0.5	21.0	2.8	-	1.4
Barron	548	94.9	1.6	0.7	1.8	-	0.9
Bayfield	121	82.6	-	14.0	2.5	-	0.8
Brown	3,518	75.4	2.4	5.3	12.3	3.2	1.3
Buffalo	148	96.6	0.7	-	2.0	-	0.7
Burnett	136	86.8	-	11.8	1.5	-	-
Calumet	679	91.8	0.6	0.1	5.3	1.8	0.4
Chippewa	786	96.7	-	0.9	1.1	0.9	0.3
Clark	561	93.6	0.4	0.2	5.2	-	0.7
Columbia	679	94.3	0.7	0.7	4.0	-	0.3
Crawford	168	97.6	-	-	1.2	-	1.2
Dane	6,198	73.3	8.1	0.7	9.9	1.8	6.1
Dodge	962	91.4	0.5	0.6	6.2	0.1	1.1
Door	248	93.5	-	0.4	5.6	-	0.4
Douglas	510	93.5	0.4	3.3	2.0	0.2	0.6
Dunn	467	90.8	0.2	0.4	3.6	4.5	0.4
Eau Claire	1,215	88.6	0.8	1.4	1.9	5.8	1.4
Florence	32	93.8	-	-	6.3	-	-
Fond du Lac	1,257	88.4	1.3	0.6	7.6	1.4	0.7
Forest	118	72.9	-	26.3	0.8	-	-
Grant	576	96.0	0.2	-	1.7	-	2.1
Green	472	93.2	0.4	0.2	5.5	-	0.6
Green Lake	217	92.6	-	0.5	5.5	0.5	0.9
Iowa	308	98.1	-	-	1.6	-	0.3
Iron	38	89.5	-	10.5	-	-	-
Jackson	257	81.3	-	14.4	3.9	-	0.4
Jefferson	1,026	84.0	0.7	0.1	13.5	0.1	1.7
Juneau	307	94.8	1.0	1.3	2.0	0.3	0.7
Kenosha	2,142	71.1	9.7	0.6	16.6	0.1	2.0
Kewaunee	199	93.0	-	1.5	5.0	0.5	-
La Crosse	1,304	87.3	1.8	1.0	1.9	6.0	1.9
Lafayette	217	96.8	-	-	3.2	-	-
Langlade	217	95.4	0.5	-	3.7	-	0.5
Lincoln	318	93.7	-	0.6	4.4	0.9	0.3
Manitowoc	914	88.6	1.1	0.3	5.0	3.8	1.1
Marathon	1,760	83.6	0.8	0.3	2.9	10.3	2.0
Marinette	448	98.7	0.7	0.4	0.2	-	-
Marquette	167	95.2	-	-	4.8	-	-
Menominee	102	4.9	-	92.2	2.9	-	-
Milwaukee	15,318	39.9	36.2	1.0	18.1	2.2	2.6
Monroe	666	90.8	0.6	1.2	6.3	0.2	0.8

(Continued)

Table 2-11. Percent of Births by Race/Ethnicity of Mother and County of Residence, Wisconsin 2007

County	Total	White	Black/Afr. American	Amer. Indian	Hispanic/ Latino	Laotian or Hmong	Other Asian
Oconto	397	95.7	-	3.3	1.0	-	-
Oneida	304	95.4	0.7	2.0	0.7	-	1.3
Outagamie	2,281	86.4	0.7	2.3	5.0	3.1	2.5
Ozaukee	864	93.3	1.0	0.2	2.8	0.5	2.2
Pepin	91	100.0	-	-	-	-	-
Pierce	442	95.7	0.2	1.6	1.8	-	0.5
Polk	521	96.4	-	1.5	1.5	-	0.6
Portage	782	88.0	0.4	0.8	5.2	4.3	1.3
Price	130	95.4	0.8	0.8	-	-	3.1
Racine	2,623	61.7	16.6	0.5	19.2	0.1	1.8
Richland	220	98.2	-	-	0.9	-	0.9
Rock	2,161	81.3	7.0	0.5	9.9	0.1	1.2
Rusk	179	97.2	-	0.6	1.1	-	1.1
St. Croix	1,195	95.6	0.3	0.8	1.3	0.8	0.9
Sauk	816	87.5	0.7	3.2	8.1	-	0.5
Sawyer	208	63.0	-	33.7	1.9	-	1.4
Shawano	510	81.6	0.4	13.5	3.3	-	1.0
Sheboygan	1,407	79.3	1.2	0.4	9.1	7.4	2.5
Taylor	257	95.3	-	0.4	3.9	-	0.4
Trempealeau	385	85.7	-	0.3	13.5	0.3	0.3
Vernon	415	98.8	-	-	1.2	-	-
Vilas	199	71.9	-	26.6	1.5	-	-
Walworth	1,231	77.8	0.7	0.6	19.7	0.2	0.9
Washburn	191	92.7	1.0	1.6	3.1	-	1.6
Washington	1,518	93.1	0.6	0.7	3.7	0.3	1.6
Waukesha	4,067	86.5	1.4	0.4	6.1	0.2	5.4
Waupaca	592	95.4	0.2	0.5	3.5	0.2	0.2
Waushara	263	85.9	-	0.8	13.3	-	-
Winnebago	1,931	88.3	1.3	0.7	5.3	2.7	1.5
Wood	885	91.1	0.5	1.5	3.4	2.0	1.2

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

Notes: See Technical Notes (page 107) for definition of race/ethnicity categories. Included in the totals are 39 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 2007

	Total	White	Black/Afr. American	Amer. Indian	Hispanic/ Latino	Laotian or Hmong	Other Asian
Total	72,757	54,522	7,230	1,171	6,911	1,304	1,580
DHS Regions							
Southern	13,653	11,266	679	97	1,046	114	443
Southeastern	28,789	16,810	6,283	209	4,338	357	776
Northeastern	15,130	12,799	182	458	1,080	407	199
Western	9,602	8,835	60	152	272	190	87
Northern	5,583	4,812	26	255	175	236	75
Perinatal Regions							
South Central	15,327	12,512	695	106	1,420	117	469
Southeast	27,939	16,106	6,284	205	4,085	458	783
Fox Valley	7,387	6,561	64	80	424	154	102
Northeast	6,336	5,122	101	373	528	149	62
Western	8,608	7,938	54	114	230	189	77
North Central	5,742	5,087	27	121	193	236	74
Northwest	1,418	1,196	5	172	31	1	13

Table 2-13. Percent of Births by Race/Ethnicity of Mother and Region, Wisconsin 2007

	Total	White	Black/Afr. American	Amer. Indian	Hispanic/ Latino	Laotian or Hmong	Other Asian
Total	72,757	74.9%	9.9%	1.6%	9.5%	1.8%	2.2%
DHS Regions							
Southern	13,653	82.5	5.0	0.7	7.7	0.8	3.2
Southeastern	28,789	58.4	21.8	0.7	15.1	1.2	2.7
Northeastern	15,130	84.6	1.2	3.0	7.1	2.7	1.3
Western	9,602	92.0	0.6	1.6	2.8	2.0	0.9
Northern	5,583	86.2	0.5	4.6	3.1	4.2	1.3
Perinatal Regions							
South Central	15,327	81.6	4.5	0.7	9.3	0.8	3.1
Southeast	27,939	57.6	22.5	0.7	14.6	1.6	2.8
Fox Valley	7,387	88.8	0.9	1.1	5.7	2.1	1.4
Northeast	6,336	80.8	1.6	5.9	8.3	2.4	1.0
Western	8,608	92.2	0.6	1.3	2.7	2.2	0.9
North Central	5,742	88.6	0.5	2.1	3.4	4.1	1.3
Northwest	1,418	84.3	0.4	12.1	2.2	0.1	0.9

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

Notes: See Technical Notes (page 107) for definition of race/ethnicity categories. Included in the totals are 39 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 Services (DHS) 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 2007

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Total	72,757	2,800	8,213	20,449	18,599	15,115	7,167
Adams	154	2	28	67	38	13	5
Ashland	214	3	33	69	72	22	15
Barron	548	21	53	168	201	67	36
Bayfield	121	1	9	37	45	26	3
Brown	3,518	163	463	963	866	779	279
Buffalo	148	2	8	52	52	29	5
Burnett	136	-	22	54	31	20	6
Calumet	679	17	31	152	179	193	107
Chippewa	786	24	51	245	267	153	44
Clark	561	204	33	144	111	54	14
Columbia	679	24	36	204	211	151	53
Crawford	168	2	6	69	49	23	19
Dane	6,198	185	489	1,187	1,318	1,891	1,103
Dodge	962	6	83	339	303	181	48
Door	248	6	21	79	65	52	25
Douglas	510	-	40	146	188	77	59
Dunn	467	9	36	143	126	99	53
Eau Claire	1,215	61	59	290	385	292	127
Florence	32	-	2	9	10	8	3
Fond du Lac	1,257	28	132	419	363	241	70
Forest	118	1	22	42	36	11	6
Grant	576	45	33	155	196	99	48
Green	472	9	42	123	167	85	46
Green Lake	217	37	19	71	52	26	12
Iowa	308	7	17	78	103	64	39
Iron	38	1	1	9	19	3	5
Jackson	257	32	27	107	52	26	11
Jefferson	1,026	44	88	297	268	215	108
Juneau	307	1	52	111	85	40	17
Kenosha	2,142	66	282	715	540	356	166
Kewaunee	199	3	15	63	63	41	14
La Crosse	1,304	23	98	268	423	335	135
Lafayette	217	14	13	54	72	38	26
Langlade	217	3	28	92	56	17	18
Lincoln	318	8	27	119	99	55	8
Manitowoc	914	18	101	305	248	166	61
Marathon	1,760	66	109	481	590	347	133
Marinette	448	5	44	155	143	79	22
Marquette	167	16	14	71	39	19	8
Menominee	102	3	23	51	18	4	3
Milwaukee	15,318	747	3,107	4,595	3,077	2,472	1,229
Monroe	666	90	79	210	182	80	18

(Continued)

Table 2-14. Number of Births by Education of Mother and County of Residence, Wisconsin 2007

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Oconto	397	9	33	123	119	79	33
Oneida	304	-	29	97	95	45	38
Outagamie	2,281	44	174	647	616	500	295
Ozaukee	864	1	24	141	202	308	183
Pepin	91	11	5	27	21	17	10
Pierce	442	1	21	113	138	98	69
Polk	521	3	37	163	170	82	65
Portage	782	8	55	219	225	192	80
Price	130	-	10	57	33	17	13
Racine	2,623	101	441	724	654	431	257
Richland	220	21	12	83	57	36	11
Rock	2,161	93	328	665	600	284	143
Rusk	179	12	23	73	45	21	5
St. Croix	1,195	6	43	229	324	360	214
Sauk	816	39	89	281	200	147	56
Sawyer	208	2	29	72	68	24	11
Shawano	510	18	35	180	167	77	31
Sheboygan	1,407	39	141	436	373	295	112
Taylor	257	24	21	88	91	25	7
Trempealeau	385	38	34	102	120	69	17
Vernon	415	113	18	108	93	60	20
Vilas	199	1	23	88	45	19	23
Walworth	1,231	72	146	382	317	215	95
Washburn	191	1	19	79	57	25	10
Washington	1,518	7	67	343	473	460	165
Waukesha	4,067	54	154	706	875	1,580	675
Waupaca	592	6	57	256	149	82	41
Waushara	263	27	33	96	60	30	16
Winnebago	1,931	33	168	574	516	426	208
Wood	885	19	68	289	288	162	57

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 414 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 2007

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Total	72,757	3.8%	11.3%	28.1%	25.6%	20.8%	9.9%
Adams	154	1.3	18.2	43.5	24.7	8.4	3.2
Ashland	214	1.4	15.4	32.2	33.6	10.3	7.0
Barron	548	3.8	9.7	30.7	36.7	12.2	6.6
Bayfield	121	0.8	7.4	30.6	37.2	21.5	2.5
Brown	3,518	4.6	13.2	27.4	24.6	22.1	7.9
Buffalo	148	1.4	5.4	35.1	35.1	19.6	3.4
Burnett	136	-	16.2	39.7	22.8	14.7	4.4
Calumet	679	2.5	4.6	22.4	26.4	28.4	15.8
Chippewa	786	3.1	6.5	31.2	34.0	19.5	5.6
Clark	561	36.4	5.9	25.7	19.8	9.6	2.5
Columbia	679	3.5	5.3	30.0	31.1	22.2	7.8
Crawford	168	1.2	3.6	41.1	29.2	13.7	11.3
Dane	6,198	3.0	7.9	19.2	21.3	30.5	17.8
Dodge	962	0.6	8.6	35.2	31.5	18.8	5.0
Door	248	2.4	8.5	31.9	26.2	21.0	10.1
Douglas	510	-	7.8	28.6	36.9	15.1	11.6
Dunn	467	1.9	7.7	30.6	27.0	21.2	11.3
Eau Claire	1,215	5.0	4.9	23.9	31.7	24.0	10.5
Florence	32	-	6.3	28.1	31.3	25.0	9.4
Fond du Lac	1,257	2.2	10.5	33.3	28.9	19.2	5.6
Forest	118	0.8	18.6	35.6	30.5	9.3	5.1
Grant	576	7.8	5.7	26.9	34.0	17.2	8.3
Green	472	1.9	8.9	26.1	35.4	18.0	9.7
Green Lake	217	17.1	8.8	32.7	24.0	12.0	5.5
Iowa	308	2.3	5.5	25.3	33.4	20.8	12.7
Iron	38	2.6	2.6	23.7	50.0	7.9	13.2
Jackson	257	12.5	10.5	41.6	20.2	10.1	4.3
Jefferson	1,026	4.3	8.6	28.9	26.1	21.0	10.5
Juneau	307	0.3	16.9	36.2	27.7	13.0	5.5
Kenosha	2,142	3.1	13.2	33.4	25.2	16.6	7.7
Kewaunee	199	1.5	7.5	31.7	31.7	20.6	7.0
La Crosse	1,304	1.8	7.5	20.6	32.4	25.7	10.4
Lafayette	217	6.5	6.0	24.9	33.2	17.5	12.0
Langlade	217	1.4	12.9	42.4	25.8	7.8	8.3
Lincoln	318	2.5	8.5	37.4	31.1	17.3	2.5
Manitowoc	914	2.0	11.1	33.4	27.1	18.2	6.7
Marathon	1,760	3.8	6.2	27.3	33.5	19.7	7.6
Marinette	448	1.1	9.8	34.6	31.9	17.6	4.9
Marquette	167	9.6	8.4	42.5	23.4	11.4	4.8
Menominee	102	2.9	22.5	50.0	17.6	3.9	2.9
Milwaukee	15,318	4.9	20.3	30.0	20.1	16.1	8.0
Monroe	666	13.5	11.9	31.5	27.3	12.0	2.7

(Continued)

Table 2-15. Percent of Births by Education of Mother and County of Residence, Wisconsin 2007

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Oconto	397	2.3	8.3	31.0	30.0	19.9	8.3
Oneida	304	-	9.5	31.9	31.3	14.8	12.5
Outagamie	2,281	1.9	7.6	28.4	27.0	21.9	12.9
Ozaukee	864	0.1	2.8	16.3	23.4	35.6	21.2
Pepin	91	12.1	5.5	29.7	23.1	18.7	11.0
Pierce	442	0.2	4.8	25.6	31.2	22.2	15.6
Polk	521	0.6	7.1	31.3	32.6	15.7	12.5
Portage	782	1.0	7.0	28.0	28.8	24.6	10.2
Price	130	-	7.7	43.8	25.4	13.1	10.0
Racine	2,623	3.9	16.8	27.6	24.9	16.4	9.8
Richland	220	9.5	5.5	37.7	25.9	16.4	5.0
Rock	2,161	4.3	15.2	30.8	27.8	13.1	6.6
Rusk	179	6.7	12.8	40.8	25.1	11.7	2.8
St. Croix	1,195	0.5	3.6	19.2	27.1	30.1	17.9
Sauk	816	4.8	10.9	34.4	24.5	18.0	6.9
Sawyer	208	1.0	13.9	34.6	32.7	11.5	5.3
Shawano	510	3.5	6.9	35.3	32.7	15.1	6.1
Sheboygan	1,407	2.8	10.0	31.0	26.5	21.0	8.0
Taylor	257	9.3	8.2	34.2	35.4	9.7	2.7
Trempealeau	385	9.9	8.8	26.5	31.2	17.9	4.4
Vernon	415	27.2	4.3	26.0	22.4	14.5	4.8
Vilas	199	0.5	11.6	44.2	22.6	9.5	11.6
Walworth	1,231	5.8	11.9	31.0	25.8	17.5	7.7
Washburn	191	0.5	9.9	41.4	29.8	13.1	5.2
Washington	1,518	0.5	4.4	22.6	31.2	30.3	10.9
Waukesha	4,067	1.3	3.8	17.4	21.5	38.8	16.6
Waupaca	592	1.0	9.6	43.2	25.2	13.9	6.9
Waushara	263	10.3	12.5	36.5	22.8	11.4	6.1
Winnebago	1,931	1.7	8.7	29.7	26.7	22.1	10.8
Wood	885	2.1	7.7	32.7	32.5	18.3	6.4

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 414 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 2007

	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Total	72,757	2,800	8,213	20,449	18,599	15,115	7,167
DHS Regions							
Southern	13,653	561	1,246	3,524	3,492	3,112	1,634
Southeastern	28,789	1,092	4,309	7,903	6,406	6,037	2,878
Northeastern	15,130	472	1,504	4,641	4,036	3,089	1,337
Western	9,602	538	688	2,613	2,893	1,904	898
Northern	5,583	137	466	1,768	1,772	973	420
Perinatal Regions							
South Central	15,327	562	1,456	4,026	3,935	3,459	1,798
Southeast	27,939	1,015	4,216	7,660	6,194	5,902	2,787
Fox Valley	7,387	208	628	2,286	1,974	1,517	757
Northeast	6,336	225	735	1,919	1,689	1,277	468
Western	8,608	436	575	2,294	2,603	1,790	843
North Central	5,742	346	450	1,798	1,724	973	405
Northwest	1,418	8	153	466	480	197	109

Table 2-17. Percent of Births by Education of Mother and Region, Wisconsin 2007

	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Total	72,757	3.8%	11.3%	28.1%	25.6%	20.8%	9.9%
DHS Regions							
Southern	13,653	4.1	9.1	25.8	25.6	22.8	12.0
Southeastern	28,789	3.8	15.0	27.5	22.3	21.0	10.0
Northeastern	15,130	3.1	9.9	30.7	26.7	20.4	8.8
Western	9,602	5.6	7.2	27.2	30.1	19.8	9.4
Northern	5,583	2.5	8.3	31.7	31.7	17.4	7.5
Perinatal Regions							
South Central	15,327	3.7	9.5	26.3	25.7	22.6	11.7
Southeast	27,939	3.6	15.1	27.4	22.2	21.1	10.0
Fox Valley	7,387	2.8	8.5	30.9	26.7	20.5	10.2
Northeast	6,336	3.6	11.6	30.3	26.7	20.2	7.4
Western	8,608	5.1	6.7	26.6	30.2	20.8	9.8
North Central	5,742	6.0	7.8	31.3	30.0	16.9	7.1
Northwest	1,418	0.6	10.8	32.9	33.9	13.9	7.7

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 414 births for which education of mother was not reported. For maps of the Department of Health Services (DHS) 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 2007

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Total	26,020	80	1,757	3,788	10,507	6,033	2,473	1,094	288
Adams	68	-	12	13	21	17	2	3	n/s
Ashland	82	-	4	15	34	18	6	3	2
Barron	196	-	6	32	86	47	12	10	3
Bayfield	42	-	n/s	8	14	9	5	2	n/s
Brown	1,257	n/s	85	169	542	249	138	57	13
Buffalo	55	-	n/s	5	24	15	3	3	n/s
Burnett	59	-	6	7	26	10	6	4	n/s
Calumet	96	-	5	14	42	22	9	3	1
Chippewa	255	-	14	37	111	65	17	9	2
Clark	113	n/s	5	21	51	26	8	1	-
Columbia	160	-	7	23	64	37	14	10	5
Crawford	57	-	-	11	26	12	7	-	1
Dane	1,768	5	98	216	699	429	200	94	27
Dodge	275	-	18	36	109	63	31	15	3
Door	73	-	4	7	29	20	6	4	3
Douglas	201	-	9	32	83	51	19	6	1
Dunn	133	-	8	24	54	29	12	4	2
Eau Claire	376	n/s	14	56	158	88	38	18	3
Florence	4	-	n/s	n/s	1	1	1	n/s	-
Fond du Lac	402	-	24	61	172	89	37	18	1
Forest	64	-	n/s	11	27	15	7	2	n/s
Grant	180	-	11	30	83	39	8	8	1
Green	134	-	8	20	57	33	8	8	-
Green Lake	64	-	5	9	29	14	3	3	1
Iowa	84	-	5	10	33	21	10	5	-
Iron	10	-	-	n/s	6	1	n/s	-	n/s
Jackson	111	-	n/s	20	46	32	6	5	-
Jefferson	283	-	15	38	123	62	31	11	3
Juneau	130	-	12	24	46	28	15	4	1
Kenosha	879	n/s	82	124	341	192	92	35	12
Kewaunee	53	-	n/s	9	21	15	3	2	n/s
La Crosse	406	n/s	25	53	171	99	38	17	2
Lafayette	61	-	n/s	10	30	12	4	2	1
Langlade	88	n/s	n/s	23	37	13	7	3	1
Lincoln	104	n/s	n/s	23	47	16	11	4	1
Manitowoc	271	n/s	16	56	98	61	21	13	5
Marathon	444	n/s	16	62	192	105	43	23	2
Marinette	160	-	5	25	80	35	9	4	2
Marquette	55	-	4	11	27	7	2	2	n/s
Menominee	85	n/s	15	13	25	12	11	n/s	4
Milwaukee	8,436	48	705	1,226	3,210	1,985	829	341	92
Monroe	241	n/s	13	42	94	62	19	9	1

(Continued)

Table 2-18. Number of Births to Unmarried Mothers by Age and County of Residence, Wisconsin 2007

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Oconto	106	-	5	26	46	16	6	6	1
Oneida	97	-	7	15	42	22	9	1	1
Outagamie	559	n/s	35	75	222	137	63	23	3
Ozaukee	132	-	6	15	55	33	12	9	2
Pepin	22	-	-	4	9	7	-	2	n/s
Pierce	129	-	n/s	14	61	32	13	4	2
Polk	174	-	10	24	63	48	13	14	2
Portage	198	-	16	38	79	46	10	9	-
Price	38	-	n/s	n/s	25	5	3	1	-
Racine	1,195	n/s	87	207	466	276	100	44	13
Richland	56	-	-	9	23	18	5	1	-
Rock	988	n/s	68	152	409	225	79	45	7
Rusk	55	-	-	11	24	12	7	-	n/s
St. Croix	226	n/s	13	17	87	69	27	9	3
Sauk	281	-	18	38	114	69	30	7	5
Sawyer	103	-	8	19	45	16	8	6	n/s
Shawano	173	n/s	7	22	80	34	19	8	2
Sheboygan	427	n/s	27	70	173	90	45	14	7
Taylor	71	n/s	n/s	14	33	12	6	2	-
Trempealeau	146	-	n/s	20	57	45	15	4	1
Vernon	74	-	n/s	11	37	16	2	4	-
Vilas	88	n/s	7	18	34	17	6	3	n/s
Walworth	415	-	23	62	174	100	31	22	3
Washburn	65	-	n/s	7	34	10	7	4	n/s
Washington	323	-	16	38	142	82	29	11	5
Waukesha	725	n/s	35	76	299	181	81	34	17
Waupaca	182	-	13	27	78	38	15	10	1
Waushara	98	-	8	17	42	16	8	6	n/s
Winnebago	591	-	30	76	262	150	58	11	4
Wood	268	-	25	36	123	55	17	11	1

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 2007

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Total	26,020	0.3%	6.8%	14.6%	40.4%	23.2%	9.5%	4.2%	1.1%
Adams	68	-	17.6	19.1	30.9	25.0	2.9	4.4	n/s
Ashland	82	-	4.9	18.3	41.5	22.0	7.3	3.7	2.4
Barron	196	-	3.1	16.3	43.9	24.0	6.1	5.1	1.5
Bayfield	42	-	n/s	19.0	33.3	21.4	11.9	4.8	n/s
Brown	1,257	n/s	6.8	13.4	43.1	19.8	11.0	4.5	1.0
Buffalo	55	-	n/s	9.1	43.6	27.3	5.5	5.5	n/s
Burnett	59	-	10.2	11.9	44.1	16.9	10.2	6.8	n/s
Calumet	96	-	5.2	14.6	43.8	22.9	9.4	3.1	1.0
Chippewa	255	-	5.5	14.5	43.5	25.5	6.7	3.5	0.8
Clark	113	n/s	4.4	18.6	45.1	23.0	7.1	0.9	-
Columbia	160	-	4.4	14.4	40.0	23.1	8.8	6.3	3.1
Crawford	57	-	-	19.3	45.6	21.1	12.3	-	1.8
Dane	1,768	0.3	5.5	12.2	39.5	24.3	11.3	5.3	1.5
Dodge	275	-	6.5	13.1	39.6	22.9	11.3	5.5	1.1
Door	73	-	5.5	9.6	39.7	27.4	8.2	5.5	4.1
Douglas	201	-	4.5	15.9	41.3	25.4	9.5	3.0	0.5
Dunn	133	-	6.0	18.0	40.6	21.8	9.0	3.0	1.5
Eau Claire	376	n/s	3.7	14.9	42.0	23.4	10.1	4.8	0.8
Florence	4	-	n/s	n/s	25.0	25.0	25.0	n/s	-
Fond du Lac	402	-	6.0	15.2	42.8	22.1	9.2	4.5	0.2
Forest	64	-	n/s	17.2	42.2	23.4	10.9	3.1	n/s
Grant	180	-	6.1	16.7	46.1	21.7	4.4	4.4	0.6
Green	134	-	6.0	14.9	42.5	24.6	6.0	6.0	-
Green Lake	64	-	7.8	14.1	45.3	21.9	4.7	4.7	1.6
Iowa	84	-	6.0	11.9	39.3	25.0	11.9	6.0	-
Iron	10	-	-	n/s	60.0	10.0	n/s	-	n/s
Jackson	111	-	n/s	18.0	41.4	28.8	5.4	4.5	-
Jefferson	283	-	5.3	13.4	43.5	21.9	11.0	3.9	1.1
Juneau	130	-	9.2	18.5	35.4	21.5	11.5	3.1	0.8
Kenosha	879	n/s	9.3	14.1	38.8	21.8	10.5	4.0	1.4
Kewaunee	53	-	n/s	17.0	39.6	28.3	5.7	3.8	n/s
La Crosse	406	n/s	6.2	13.1	42.1	24.4	9.4	4.2	0.5
Lafayette	61	-	n/s	16.4	49.2	19.7	6.6	3.3	1.6
Langlade	88	n/s	n/s	26.1	42.0	14.8	8.0	3.4	1.1
Lincoln	104	n/s	n/s	22.1	45.2	15.4	10.6	3.8	1.0
Manitowoc	271	n/s	5.9	20.7	36.2	22.5	7.7	4.8	1.8
Marathon	444	n/s	3.6	14.0	43.2	23.6	9.7	5.2	0.5
Marinette	160	-	3.1	15.6	50.0	21.9	5.6	2.5	1.3
Marquette	55	-	7.3	20.0	49.1	12.7	3.6	3.6	n/s
Menominee	85	n/s	17.6	15.3	29.4	14.1	12.9	n/s	4.7
Milwaukee	8,436	0.6	8.4	14.5	38.1	23.5	9.8	4.0	1.1
Monroe	241	n/s	5.4	17.4	39.0	25.7	7.9	3.7	0.4

(Continued)

Table 2-19. Percent of Births to Unmarried Mothers by Age and County of Residence, Wisconsin 2007

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Oconto	106	-	4.7	24.5	43.4	15.1	5.7	5.7	0.9
Oneida	97	-	7.2	15.5	43.3	22.7	9.3	1.0	1.0
Outagamie	559	n/s	6.3	13.4	39.7	24.5	11.3	4.1	0.5
Ozaukee	132	-	4.5	11.4	41.7	25.0	9.1	6.8	1.5
Pepin	22	-	-	18.2	40.9	31.8	-	9.1	n/s
Pierce	129	-	n/s	10.9	47.3	24.8	10.1	3.1	1.6
Polk	174	-	5.7	13.8	36.2	27.6	7.5	8.0	1.1
Portage	198	-	8.1	19.2	39.9	23.2	5.1	4.5	-
Price	38	-	n/s	n/s	65.8	13.2	7.9	2.6	-
Racine	1,195	n/s	7.3	17.3	39.0	23.1	8.4	3.7	1.1
Richland	56	-	-	16.1	41.1	32.1	8.9	1.8	-
Rock	988	n/s	6.9	15.4	41.4	22.8	8.0	4.6	0.7
Rusk	55	-	-	20.0	43.6	21.8	12.7	-	n/s
St. Croix	226	n/s	5.8	7.5	38.5	30.5	11.9	4.0	1.3
Sauk	281	-	6.4	13.5	40.6	24.6	10.7	2.5	1.8
Sawyer	103	-	7.8	18.4	43.7	15.5	7.8	5.8	n/s
Shawano	173	n/s	4.0	12.7	46.2	19.7	11.0	4.6	1.2
Sheboygan	427	n/s	6.3	16.4	40.5	21.1	10.5	3.3	1.6
Taylor	71	n/s	n/s	19.7	46.5	16.9	8.5	2.8	-
Trempealeau	146	-	n/s	13.7	39.0	30.8	10.3	2.7	0.7
Vernon	74	-	n/s	14.9	50.0	21.6	2.7	5.4	-
Vilas	88	n/s	8.0	20.5	38.6	19.3	6.8	3.4	n/s
Walworth	415	-	5.5	14.9	41.9	24.1	7.5	5.3	0.7
Washburn	65	-	n/s	10.8	52.3	15.4	10.8	6.2	n/s
Washington	323	-	5.0	11.8	44.0	25.4	9.0	3.4	1.5
Waukesha	725	n/s	4.8	10.5	41.2	25.0	11.2	4.7	2.3
Waupaca	182	-	7.1	14.8	42.9	20.9	8.2	5.5	0.5
Waushara	98	-	8.2	17.3	42.9	16.3	8.2	6.1	n/s
Winnebago	591	-	5.1	12.9	44.3	25.4	9.8	1.9	0.7
Wood	268	-	9.3	13.4	45.9	20.5	6.3	4.1	0.4

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 2007

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Total	26,020	80	1,757	3,788	10,507	6,033	2,473	1,094	288
DHS Regions									
Southern	4,316	8	263	603	1,751	1,019	415	206	51
Southeastern	12,388	53	969	1,786	4,810	2,911	1,205	507	147
Northeastern	4,652	9	290	687	1,968	1,005	453	188	52
Western	2,963	5	139	426	1,239	747	260	123	24
Northern	1,701	5	96	286	739	351	140	70	14
Perinatal Regions									
South Central	4,883	8	297	681	1,985	1,153	468	235	56
Southeast	12,117	54	958	1,756	4,686	2,839	1,188	488	148
Fox Valley	2,047	n/s	124	290	874	473	195	76	14
Northeast	2,178	7	139	327	921	442	213	98	31
Western	2,601	n/s	120	370	1,084	666	222	112	23
North Central	1,632	6	86	275	715	345	135	60	10
Northwest	562	-	33	89	242	115	52	25	6

Table 2-21. Percent of Births to Unmarried Mothers by Age and Region, Wisconsin 2007

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Total	26,020	0.3%	6.8%	14.6%	40.4%	23.2%	9.5%	4.2%	1.1%
DHS Regions									
Southern	4,316	0.2	6.1	14.0	40.6	23.6	9.6	4.8	1.2
Southeastern	12,388	0.4	7.8	14.4	38.8	23.5	9.7	4.1	1.2
Northeastern	4,652	0.2	6.2	14.8	42.3	21.6	9.7	4.0	1.1
Western	2,963	0.2	4.7	14.4	41.8	25.2	8.8	4.2	0.8
Northern	1,701	0.3	5.6	16.8	43.4	20.6	8.2	4.1	0.8
Perinatal Regions									
South Central	4,883	0.2	6.1	13.9	40.7	23.6	9.6	4.8	1.1
Southeast	12,117	0.4	7.9	14.5	38.7	23.4	9.8	4.0	1.2
Fox Valley	2,047	n/s	6.1	14.2	42.7	23.1	9.5	3.7	0.7
Northeast	2,178	0.3	6.4	15.0	42.3	20.3	9.8	4.5	1.4
Western	2,601	n/s	4.6	14.2	41.7	25.6	8.5	4.3	0.9
North Central	1,632	0.4	5.3	16.9	43.8	21.1	8.3	3.7	0.6
Northwest	562	-	5.9	15.8	43.1	20.5	9.3	4.4	1.1

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

Notes: For maps of the Department of Health Services (DHS) 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 2007

County	Total	Trimester Prenatal Care Began				No Care	Percent That Received First-Trimester Care		
		First	Second	Third	2007		2006	2005	
Total	72,757	60,275	9,438	1,734	615	82.8%	83.8%	85.0%	
Adams	154	117	30	2	3	76.0	73.1	76.1	
Ashland	214	167	41	4	1	78.0	87.7	88.4	
Barron	548	432	90	16	2	78.8	81.6	83.0	
Bayfield	121	104	16	1	-	86.0	89.1	89.3	
Brown	3,518	2,906	482	101	18	82.6	86.5	86.5	
Buffalo	148	122	22	-	-	82.4	84.1	92.5	
Burnett	136	98	33	3	2	72.1	80.1	79.2	
Calumet	679	608	63	7	1	89.5	87.7	89.8	
Chippewa	786	685	87	11	1	87.2	85.5	87.1	
Clark	561	336	163	50	6	59.9	59.6	59.0	
Columbia	679	580	77	16	1	85.4	86.5	86.7	
Crawford	168	133	33	2	-	79.2	81.0	83.1	
Dane	6,198	5,432	602	84	22	87.6	89.0	87.9	
Dodge	962	796	141	14	2	82.7	86.9	87.3	
Door	248	224	21	-	-	90.3	84.7	89.1	
Douglas	510	437	54	13	5	85.7	90.2	88.6	
Dunn	467	389	68	8	-	83.3	80.8	83.0	
Eau Claire	1,215	1,024	151	31	3	84.3	79.9	84.0	
Florence	32	26	5	-	-	81.3	87.9	94.6	
Fond du Lac	1,257	1,054	124	41	8	83.9	84.6	88.1	
Forest	118	102	10	4	1	86.4	81.1	82.5	
Grant	576	447	109	15	4	77.6	78.7	81.6	
Green	472	430	37	3	-	91.1	86.7	89.3	
Green Lake	217	145	49	17	1	66.8	69.8	69.6	
Iowa	308	279	21	1	3	90.6	88.2	90.3	
Iron	38	33	3	-	1	86.8	85.0	95.6	
Jackson	257	185	48	18	4	72.0	74.5	68.4	
Jefferson	1,026	869	133	17	4	84.7	84.1	86.6	
Juneau	307	245	51	7	2	79.8	80.7	83.0	
Kenosha	2,142	1,751	284	52	25	81.7	83.8	86.7	
Kewaunee	199	175	16	4	1	87.9	89.2	92.7	
La Crosse	1,304	1,070	199	26	5	82.1	84.7	85.5	
Lafayette	217	181	21	12	1	83.4	83.2	81.6	
Langlade	217	179	29	2	3	82.5	80.5	85.6	
Lincoln	318	252	54	5	-	79.2	85.1	84.7	
Manitowoc	914	785	105	12	7	85.9	87.5	82.7	
Marathon	1,760	1,379	297	51	5	78.4	78.8	83.1	
Marinette	448	370	59	13	3	82.6	81.8	82.2	
Marquette	167	120	35	10	1	71.9	78.8	79.7	
Menominee	102	80	19	2	-	78.4	70.1	67.3	
Milwaukee	15,318	12,141	2,340	396	283	79.3	79.7	81.2	
Monroe	666	464	119	61	14	69.7	73.1	73.0	

(Continued)

Table 2-22. Births by Trimester Prenatal Care Began and County of Residence, Wisconsin 2007

County	Total	Trimester Prenatal Care Began				No Care	Percent That Received First-Trimester Care		
		First	Second	Third	2007		2006	2005	
Oconto	397	336	51	7	1	84.6	87.0	89.9	
Oneida	304	272	25	4	2	89.5	90.2	91.3	
Outagamie	2,281	1,984	233	34	3	87.0	86.8	88.3	
Ozaukee	864	806	43	7	3	93.3	93.6	93.0	
Pepin	91	66	19	6	-	72.5	75.8	70.7	
Pierce	442	378	42	4	2	85.5	85.7	87.1	
Polk	521	435	69	14	-	83.5	83.2	84.0	
Portage	782	666	90	10	5	85.2	87.3	88.8	
Price	130	106	18	2	3	81.5	81.3	81.5	
Racine	2,623	2,089	393	83	44	79.6	77.1	82.6	
Richland	220	173	35	10	-	78.6	79.5	80.7	
Rock	2,161	1,801	239	61	17	83.3	85.6	86.8	
Rusk	179	136	37	4	1	76.0	85.8	85.3	
St. Croix	1,195	1,060	104	9	1	88.7	86.5	87.9	
Sauk	816	676	109	26	1	82.8	84.2	85.5	
Sawyer	208	150	48	8	2	72.1	72.6	83.9	
Shawano	510	419	76	6	5	82.2	86.7	82.0	
Sheboygan	1,407	1,142	211	37	6	81.2	83.9	88.1	
Taylor	257	201	44	12	-	78.2	82.5	78.9	
Trempealeau	385	288	70	23	1	74.8	80.5	82.2	
Vernon	415	263	73	67	7	63.4	63.2	62.3	
Vilas	199	161	28	4	2	80.9	80.4	86.0	
Walworth	1,231	1,003	174	33	11	81.5	86.2	84.0	
Washburn	191	157	30	3	1	82.2	82.8	83.2	
Washington	1,518	1,354	115	25	5	89.2	90.7	93.1	
Waukesha	4,067	3,716	271	34	24	91.4	92.9	94.2	
Waupaca	592	521	55	6	7	88.0	84.5	83.8	
Waushara	263	190	58	8	1	72.2	79.6	76.3	
Winnebago	1,931	1,663	198	36	9	86.1	86.4	86.3	
Wood	885	711	139	19	8	80.3	83.9	80.1	

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

Notes: Included in the totals are 695 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 2007

	Total	Trimester Prenatal Care Began				Percent That Received First-Trimester Care		
		First	Second	Third	No Care	2007	2006	2005
Total	72,757	60,275	9,438	1,734	615	82.8%	83.8%	85.0%
DHS Regions								
Southern	13,653	11,553	1,578	320	63	84.6	85.8	86.0
Southeastern	28,789	23,729	3,753	647	399	82.4	83.1	84.9
Northeastern	15,130	12,722	1,855	341	72	84.1	85.5	86.2
Western	9,602	7,762	1,405	300	48	80.8	81.4	82.4
Northern	5,583	4,509	847	126	33	80.8	82.6	84.5
Perinatal Regions								
South Central	15,327	13,029	1,779	301	71	85.0	86.4	86.6
Southeast	27,939	22,999	3,657	634	390	82.3	82.9	85.1
Fox Valley	7,387	6,285	815	159	31	85.1	85.3	86.4
Northeast	6,336	5,295	829	145	35	83.6	86.1	85.5
Western	8,608	6,994	1,194	296	40	81.3	81.4	82.7
North Central	5,742	4,527	939	167	36	78.8	80.4	81.5
Northwest	1,418	1,146	225	32	12	80.8	84.8	86.4

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

Notes: Included in the totals are 695 births for which prenatal care initiation was not reported. For maps of the Department of Health Services (DHS) 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 2007

County	Number of Prenatal Care Visits						Percent of Births With <10 Visits
	Total	No Visits	1-4	5-9	10-12	13+	
Total	72,757	614	1,893	13,259	31,902	23,860	21.7%
Adams	154	3	8	36	74	32	30.5
Ashland	214	1	3	39	80	91	20.1
Barron	548	2	13	121	304	100	24.8
Bayfield	121	-	1	26	42	52	22.3
Brown	3,518	18	93	579	1,681	1,118	19.6
Buffalo	148	-	3	28	68	45	20.9
Burnett	136	2	5	28	53	47	25.7
Calumet	679	1	7	127	345	189	19.9
Chippewa	786	1	20	303	292	166	41.2
Clark	561	6	76	207	172	95	51.5
Columbia	679	1	10	149	294	220	23.6
Crawford	168	-	2	36	72	58	22.6
Dane	6,198	22	68	1,074	2,744	2,240	18.8
Dodge	962	2	8	162	388	392	17.9
Door	248	-	3	35	101	101	15.3
Douglas	510	5	19	122	223	140	28.6
Dunn	467	-	9	147	190	117	33.4
Eau Claire	1,215	3	45	266	486	406	25.8
Florence	32	-	-	5	16	11	15.6
Fond du Lac	1,257	8	50	540	441	192	47.6
Forest	118	1	3	19	50	45	19.5
Grant	576	4	21	177	247	125	35.1
Green	472	-	2	64	198	205	14.0
Green Lake	217	1	6	60	81	66	30.9
Iowa	308	3	4	70	158	68	25.0
Iron	38	1	3	3	9	22	18.4
Jackson	257	3	26	61	100	62	35.0
Jefferson	1,026	4	16	167	551	285	18.2
Juneau	307	2	8	53	133	110	20.5
Kenosha	2,142	25	37	283	1,010	704	16.1
Kewaunee	199	1	5	29	94	67	17.6
La Crosse	1,304	5	24	342	529	403	28.5
Lafayette	217	1	12	42	84	66	25.3
Langlade	217	3	3	40	115	51	21.2
Lincoln	318	-	4	53	169	89	17.9
Manitowoc	914	7	9	100	349	435	12.7
Marathon	1,760	5	43	386	827	462	24.7
Marinette	448	3	7	73	182	180	18.5
Marquette	167	1	4	50	75	35	32.9
Menominee	102	-	7	28	33	25	34.3
Milwaukee	15,318	283	532	2,484	6,464	5,258	21.5
Monroe	666	14	80	121	231	212	32.3

(Continued)

Table 2-24. Births by Number of Prenatal Care Visits and County of Residence, Wisconsin 2007

County	Number of Prenatal Care Visits						Percent of Births With <10 Visits
	Total	No Visits	1-4	5-9	10-12	13+	
Oconto	397	1	6	72	202	115	19.9
Oneida	304	2	3	35	121	142	13.2
Outagamie	2,281	3	34	442	1,164	616	21.0
Ozaukee	864	3	2	67	475	311	8.3
Pepin	91	-	7	20	37	26	29.7
Pierce	442	2	10	125	177	118	31.0
Polk	521	-	8	108	219	182	22.3
Portage	782	5	11	127	324	306	18.3
Price	130	3	2	27	59	39	24.6
Racine	2,623	44	79	661	1,084	731	29.9
Richland	220	-	20	46	102	50	30.0
Rock	2,161	17	41	245	1,033	746	14.0
Rusk	179	1	10	58	82	27	38.5
St. Croix	1,195	1	14	266	557	335	23.5
Sauk	816	1	31	147	388	242	21.9
Sawyer	208	2	8	77	95	26	41.8
Shawano	510	5	14	127	225	130	28.6
Sheboygan	1,407	6	13	178	510	579	14.0
Taylor	257	-	10	71	99	76	31.5
Trempealeau	385	1	24	103	145	108	33.2
Vernon	415	7	94	90	118	102	46.0
Vilas	199	2	7	32	82	75	20.6
Walworth	1,231	11	25	255	599	328	23.6
Washburn	191	1	5	40	105	40	24.1
Washington	1,518	5	9	133	571	760	9.7
Waukesha	4,067	24	30	313	1,882	1,740	9.0
Waupaca	592	7	9	136	263	163	25.7
Waushara	263	1	12	58	109	73	27.0
Winnebago	1,931	9	33	300	880	654	17.7
Wood	885	8	23	165	440	233	22.1

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

Notes: Included in the totals are 1,229 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 2007

	Number of Prenatal Care Visits						Percent of Births With <10 Visits
	Total	No Visits	1-4	5-9	10-12	13+	
Total	72,757	614	1,893	13,259	31,902	23,860	21.7%
DHS Regions							
Southern	13,653	63	329	2,391	6,033	4,656	20.4
Southeastern	28,789	399	730	4,363	12,636	10,117	19.1
Northeastern	15,130	72	312	2,934	6,735	4,738	21.9
Western	9,602	47	398	2,466	3,970	2,629	30.3
Northern	5,583	33	124	1,105	2,528	1,720	22.6
Perinatal Regions							
South Central	15,327	71	274	2,687	6,993	5,109	19.8
Southeast	27,939	390	702	4,119	11,996	10,083	18.7
Fox Valley	7,387	31	155	1,713	3,358	1,988	25.7
Northeast	6,336	35	144	1,043	2,867	2,171	19.3
Western	8,608	39	379	2,137	3,525	2,440	29.7
North Central	5,742	36	195	1,225	2,556	1,651	25.4
Northwest	1,418	12	44	335	607	418	27.6

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

Notes: Included in the totals are 1,229 births for which number of prenatal care visits was not reported. For maps of the Department of Health Services (DHS) and Perinatal Regions, see Technical Notes (pages 105 and 106).

Table 2-26. Births by Birthweight and County of Residence, Wisconsin 2007

County	Total Births	<1,500 Grams	1,500-2,499 Grams	2,500+ Grams	Total <2,500 Grams	Percent Low Birthweight	
						2007	2006
Total	72,757	870	4,219	67,652	5089	7.0%	6.9%
Adams	154	2	14	138	16	10.4	8.1
Ashland	214	-	13	201	13	6.1	3.9
Barron	548	5	28	515	33	6.0	4.4
Bayfield	121	-	4	117	4	3.3	8.0
Brown	3,518	40	204	3,274	244	6.9	6.7
Buffalo	148	1	8	139	9	6.1	4.0
Burnett	136	1	8	127	9	6.6	7.2
Calumet	679	6	31	642	37	5.4	6.8
Chippewa	786	9	43	733	52	6.6	5.9
Clark	561	7	24	530	31	5.5	5.4
Columbia	679	5	34	640	39	5.7	7.2
Crawford	168	1	6	161	7	4.2	6.7
Dane	6,198	53	332	5,808	385	6.2	6.5
Dodge	962	11	42	909	53	5.5	6.2
Door	248	2	13	233	15	6.0	3.2
Douglas	510	9	24	476	33	6.5	5.5
Dunn	467	5	17	445	22	4.7	5.4
Eau Claire	1,215	20	52	1,143	72	5.9	5.4
Florence	32	-	-	32	-	-	3.0
Fond du Lac	1,257	8	68	1,181	76	6.0	6.1
Forest	118	-	11	107	11	9.3	7.5
Grant	576	3	23	548	26	4.5	5.5
Green	472	5	20	447	25	5.3	8.3
Green Lake	217	1	9	207	10	4.6	2.7
Iowa	308	-	12	296	12	3.9	4.7
Iron	38	-	1	37	1	2.6	-
Jackson	257	3	20	234	23	8.9	4.8
Jefferson	1,026	8	50	968	58	5.7	5.1
Juneau	307	4	13	290	17	5.5	6.6
Kenosha	2,142	32	139	1,971	171	8.0	7.6
Kewaunee	199	-	12	187	12	6.0	6.1
La Crosse	1,304	18	63	1,222	81	6.2	5.9
Lafayette	217	-	13	204	13	6.0	5.1
Langlade	217	2	11	204	13	6.0	8.8
Lincoln	318	5	24	289	29	9.1	7.2
Manitowoc	914	14	55	845	69	7.5	7.8
Marathon	1,760	19	95	1,646	114	6.5	5.9
Marinette	448	5	33	410	38	8.5	5.4
Marquette	167	1	6	160	7	4.2	3.2
Menominee	102	1	9	92	10	9.8	12.0
Milwaukee	15,318	284	1,123	13,907	1407	9.2	9.0
Monroe	666	9	33	624	42	6.3	7.0

(Continued)

Table 2-26. Births by Birthweight and County of Residence, Wisconsin 2007

County	Total Births	<1,500 Grams	1,500-2,499 Grams	2,500+ Grams	Total <2,500 Grams	Percent Low Birthweight	
						2007	2006
Oconto	397	2	23	372	25	6.3	6.3
Oneida	304	4	12	288	16	5.3	7.1
Outagamie	2,281	18	124	2,139	142	6.2	6.8
Ozaukee	864	5	42	817	47	5.4	5.7
Pepin	91	-	1	90	1	1.1	6.3
Pierce	442	3	15	424	18	4.1	7.6
Polk	521	5	26	490	31	6.0	5.9
Portage	782	6	42	734	48	6.1	4.3
Price	130	-	4	126	4	3.1	6.5
Racine	2,623	43	188	2,392	231	8.8	7.7
Richland	220	-	6	214	6	2.7	7.0
Rock	2,161	26	121	2,014	147	6.8	7.7
Rusk	179	1	12	166	13	7.3	6.7
St. Croix	1,195	12	51	1,132	63	5.3	5.7
Sauk	816	6	44	766	50	6.1	5.4
Sawyer	208	-	10	198	10	4.8	4.0
Shawano	510	11	26	473	37	7.3	8.0
Sheboygan	1,407	7	77	1,323	84	6.0	5.5
Taylor	257	2	15	240	17	6.6	3.5
Trempealeau	385	3	17	365	20	5.2	5.1
Vernon	415	5	16	394	21	5.1	7.1
Vilas	199	1	7	191	8	4.0	6.4
Walworth	1,231	15	64	1,152	79	6.4	8.3
Washburn	191	1	12	178	13	6.8	5.1
Washington	1,518	11	88	1,419	99	6.5	5.7
Waukesha	4,067	43	218	3,804	261	6.4	5.4
Waupaca	592	9	40	543	49	8.3	8.7
Waushara	263	6	11	246	17	6.5	6.5
Winnebago	1,931	18	127	1,786	145	7.5	7.6
Wood	885	8	40	837	48	5.4	4.3

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

Notes: Included in the totals are 16 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 2007

	Total Births	<1,500 Grams	1,500-2,499 Grams	2,500+ Grams	Total <2,500 Grams	Percent Low Birthweight	
						2007	2006
Total	72,757	870	4,219	67,652	5089	7.0%	6.9%
DHS Regions							
Southern	13,653	121	696	12,829	817	6.0	6.6
Southeastern	28,789	441	1,912	26,430	2353	8.2	7.8
Northeastern	15,130	149	868	14,113	1017	6.7	6.7
Western	9,602	112	454	9,033	566	5.9	5.7
Northern	5,583	47	289	5,247	336	6.0	5.5
Perinatal Regions							
South Central	15,327	138	788	14,394	926	6.0	6.7
Southeast	27,939	425	1,875	25,633	2300	8.2	7.8
Fox Valley	7,387	67	416	6,904	483	6.5	6.9
Northeast	6,336	75	375	5,886	450	7.1	6.8
Western	8,608	99	396	8,111	495	5.8	5.8
North Central	5,742	55	297	5,390	352	6.1	5.6
Northwest	1,418	11	72	1,334	83	5.9	5.3

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

Notes: Included in the totals are 16 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 Services (DHS) and Perinatal Regions, see Technical Notes (pages 105 and 106).

Table 2-28. Fetal, Neonatal, Postneonatal and Infant Deaths by County of Residence, Wisconsin 2007

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	386	292	177	469
Adams	1	1	-	1
Ashland	1	-	1	1
Barron	4	1	1	2
Bayfield	-	-	-	-
Brown	13	15	8	23
Buffalo	-	1	-	1
Burnett	-	-	-	-
Calumet	2	5	-	5
Chippewa	7	3	2	5
Clark	3	3	1	4
Columbia	5	4	1	5
Crawford	-	-	1	1
Dane	31	17	12	29
Dodge	5	4	2	6
Door	2	2	1	3
Douglas	-	1	1	2
Dunn	4	2	1	3
Eau Claire	4	9	2	11
Florence	-	-	-	-
Fond du Lac	8	4	3	7
Forest	1	-	-	-
Grant	3	3	1	4
Green	3	1	2	3
Green Lake	1	2	-	2
Iowa	4	1	-	1
Iron	1	-	-	-
Jackson	5	-	2	2
Jefferson	8	3	2	5
Juneau	4	1	2	3
Kenosha	14	6	3	9
Kewaunee	-	-	1	1
La Crosse	5	3	2	5
Lafayette	2	2	-	2
Langlade	-	3	2	5
Lincoln	1	3	-	3
Manitowoc	3	5	2	7

(Continued)

Table 2-28. Fetal, Neonatal, Postneonatal and Infant Deaths by County of Residence, Wisconsin 2007

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	8	11	5	16
Marinette	1	-	3	3
Marquette	2	-	-	-
Menominee	-	2	1	3
Milwaukee	96	83	55	138
Monroe	4	4	-	4
Oconto	1	-	-	-
Oneida	3	3	-	3
Outagamie	13	5	3	8
Ozaukee	4	4	-	4
Pepin	3	-	2	2
Pierce	-	-	-	-
Polk	-	3	1	4
Portage	2	5	1	6
Price	-	2	1	3
Racine	16	13	9	22
Richland	2	2	2	4
Rock	17	9	8	17
Rusk	1	-	-	-
St. Croix	4	1	5	6
Sauk	5	1	2	3
Sawyer	-	-	1	1
Shawano	3	3	2	5
Sheboygan	7	1	1	2
Taylor	2	-	-	-
Trempealeau	1	1	-	1
Vernon	-	3	-	3
Vilas	-	-	1	1
Walworth	5	4	3	7
Washburn	2	-	-	-
Washington	7	4	1	5
Waukesha	14	13	5	18
Waupaca	3	1	1	2
Waushara	2	1	1	2
Winnebago	9	5	5	10
Wood	4	3	2	5
Unknown	-	-	-	-

Source: Fetal death and matched birth-death files, Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 2007

	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	386	292	177	469
DHS Region				
Southern	82	49	33	82
Southeastern	164	130	78	208
Northeastern	70	51	32	83
Western	47	32	20	52
Northern	23	30	14	44
Perinatal Regions				
South Central	95	53	37	90
Southeast	158	124	74	198
Fox Valley	40	23	13	36
Northeast	23	27	18	45
Western	41	31	19	50
North Central	25	33	13	46
Northwest	4	1	3	4

Table 2-30. Rates of Fetal, Neonatal, Postneonatal and Infant Deaths by Region, Wisconsin 2007

	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	4.0	2.4	6.4
DHS Region				
Southern	6.0	3.6	2.4	6.0
Southeastern	5.7	4.5	2.7	7.2
Northeastern	4.6	3.4	2.1	5.5
Western	4.9	3.3	2.1	5.4
Northern	4.1	5.4	-	7.9
Perinatal Regions				
South Central	6.2	3.5	2.4	5.9
Southeast	5.6	4.4	2.6	7.1
Fox Valley	5.4	3.1	-	4.9
Northeast	3.6	4.3	-	7.1
Western	4.7	3.6	-	5.8
North Central	4.3	5.7	-	8.0
Northwest	-	-	-	-

Source: Fetal death and matched birth-death files, Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 2007

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	6	1	3	4
Beloit	2	4	2	6
Brookfield	-	1	1	2
Caledonia (V)	-	3	-	3
De Pere	3	1	-	1
Eau Claire	-	4	2	6
Fitchburg	2	2	1	3
Fond du Lac	4	2	2	4
Franklin	1	1	-	1
Grand Chute	-	1	1	2
Green Bay	9	10	5	15
Greenfield	1	3	3	6
Janesville	10	3	2	5
Kenosha	11	5	1	6
La Crosse	2	1	2	3
Madison	20	7	8	15
Manitowoc	2	3	1	4
Menomonee Falls (V)	1	2	3	5
Mequon/Thiensville	-	1	-	1
Milwaukee	86	66	45	111
Mount Pleasant (V)	-	-	-	-
Muskego	-	-	-	-
Neenah/Menasha	3	1	1	2
New Berlin	-	1	-	1
Oak Creek	3	-	1	1
Oshkosh	5	3	1	4
Racine	11	8	9	17
Sheboygan	3	1	-	1
South Milwaukee	-	2	2	4
Stevens Point	1	-	-	-
Sun Prairie	-	-	-	-
Superior	-	1	1	2
Watertown	1	1	1	2
Waukesha	3	5	1	6
Wausau	1	5	3	8
Wauwatosa	-	4	-	4
West Allis	1	5	1	6
West Bend	4	2	1	3

Source: Fetal death and matched birth-death files, Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 1980-2007

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 1980-2007

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 1980-2007

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 1980-2007

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 1980-2007

County	2000	2001	2002	2003	2004	2005	2006	2007
Total	69,289	69,012	68,510	69,999	70,130	70,934	72,302	72,757
Adams	158	179	160	161	162	159	160	154
Ashland	224	190	211	208	184	198	203	214
Barron	466	472	514	540	527	528	566	548
Bayfield	141	135	151	111	140	121	138	121
Brown	3,212	3,232	3,282	3,364	3,211	3,332	3,441	3,518
Buffalo	163	143	160	150	155	147	151	148
Burnett	136	155	172	138	144	159	166	136
Calumet	513	597	566	640	701	630	690	679
Chippewa	673	672	695	681	719	738	809	786
Clark	496	518	526	532	564	581	570	561
Columbia	616	651	622	646	637	691	637	679
Crawford	183	199	185	224	177	201	195	168
Dane	5,555	5,520	5,561	5,725	5,995	6,055	6,104	6,198
Dodge	994	926	950	963	980	910	979	962
Door	232	262	226	265	232	258	248	248
Douglas	513	513	474	501	485	466	490	510
Dunn	483	445	464	470	453	511	521	467
Eau Claire	1,116	1,146	1,098	1,110	1,105	1,178	1,177	1,215
Florence	36	40	36	37	33	37	33	32
Fond du Lac	1,151	1,091	1,132	1,209	1,117	1,187	1,188	1,257
Forest	114	100	100	122	108	114	106	118
Grant	540	547	548	584	590	559	615	576
Green	402	397	377	397	404	447	435	472
Green Lake	219	230	222	231	229	204	222	217
Iowa	263	310	301	308	312	320	321	308
Iron	40	48	42	53	42	45	40	38
Jackson	233	205	226	231	244	237	251	257
Jefferson	931	914	960	980	1,020	1,028	1,043	1,026
Juneau	275	252	298	285	293	277	301	307
Kenosha	2,151	2,119	2,091	2,160	2,125	2,133	2,212	2,142
Kewaunee	224	243	235	255	235	232	231	199
La Crosse	1,234	1,260	1,253	1,247	1,259	1,292	1,323	1,304
Lafayette	174	200	194	173	223	207	196	217
Langlade	209	213	238	212	216	202	226	217
Lincoln	281	329	334	284	315	275	348	318
Manitowoc	894	908	846	867	889	855	855	914

(Continued)

Table 3-1. Number of Births by County of Residence, Wisconsin 1980-2007

County	2000	2001	2002	2003	2004	2005	2006	2007
Marathon	1,520	1,534	1,503	1,546	1,531	1,554	1,633	1,760
Marinette	457	386	395	458	423	460	411	448
Marquette	146	162	150	165	156	182	156	167
Menominee	93	93	85	90	102	104	117	102
Milwaukee	14,846	14,727	14,332	14,793	14,635	14,906	15,195	15,318
Monroe	602	593	559	624	587	615	633	666
Oconto	383	392	383	392	400	388	400	397
Oneida	316	278	327	301	333	355	296	304
Outagamie	2,289	2,244	2,337	2,255	2,294	2,291	2,252	2,281
Ozaukee	869	867	925	874	883	852	842	864
Pepin	79	88	84	79	91	99	95	91
Pierce	412	383	411	481	466	443	461	442
Polk	454	508	435	477	508	506	542	521
Portage	805	743	706	772	710	726	747	782
Price	125	139	137	123	137	130	107	130
Racine	2,650	2,581	2,540	2,539	2,499	2,623	2,652	2,623
Richland	201	204	207	205	231	228	229	220
Rock	2,075	2,028	1,966	2,055	2,002	2,052	2,125	2,161
Rusk	148	185	160	170	150	163	134	179
St. Croix	908	912	998	1,018	1,138	1,193	1,220	1,195
Sauk	755	701	722	730	764	785	796	816
Sawyer	182	182	171	157	184	205	223	208
Shawano	470	462	464	479	473	478	513	510
Sheboygan	1,437	1,339	1,380	1,376	1,382	1,481	1,422	1,407
Taylor	247	246	230	242	240	246	229	257
Trempealeau	322	330	284	338	359	331	333	385
Vernon	390	377	381	409	432	403	438	415
Vilas	155	194	189	186	188	164	204	199
Walworth	1,102	1,136	1,161	1,160	1,147	1,209	1,266	1,231
Washburn	163	156	159	183	168	173	198	191
Washington	1,490	1,484	1,517	1,489	1,429	1,495	1,537	1,518
Waukesha	4,357	4,421	4,268	4,311	4,362	4,108	4,140	4,067
Waupaca	567	602	598	596	556	537	566	592
Waushara	225	232	239	247	260	241	245	263
Winnebago	1,926	1,851	1,845	1,745	1,839	1,826	1,887	1,931
Wood	878	891	812	870	846	868	867	885
Unknown	-	-	-	-	-	-	-	-

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 1985-2007

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
2007	Number		72,757	80	1,874	1,954	4,366	6,240	6,320
	Rate	12.9	64.5		16.0	16.7	56.0	32.0	32.4

(Continued)

Table 3-2. Number and Rate of Births by Age of Mother, Wisconsin 1985-2007

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		
2007	Number	16,969	22,557	17,269	7,958	1,672	1,575	97	12
	Rate	87.7	124.6	104.0	43.1	8.0	7.6		

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 1980-2007

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
2007	72,757	12.9	1,954	2.7	4,366	6.0	26,020	35.8

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 1980-2007

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
2007	8,518	11.7	60,275	82.8	5,089	7.0	8,072	11.1	1,259	17.3

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 1989-2007 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 1980-2007

Year	Infant Deaths			Neonatal Deaths			Fetal Deaths			Perinatal Deaths		
	Wisconsin Number	U.S. Rate*	U.S. Rate*	Wisconsin Number	U.S. Rate*	U.S. Rate*	Wisconsin Number	U.S. Rate**	U.S. Rate**	Wisconsin Number	U.S. Rate**	U.S. 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	6.2	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	6.9	319	4.5	4.5	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
2007	469	6.4	n/a	292	4.0	n/a	386	5.3	n/a	678	9.3	n/a

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 1985-2007

Year	White			Black/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	5.8	101	15.0	13.6	42	6.7	5.6	469	6.6	6.9
2006	268	4.9	n/a	121	17.2	n/a	43	6.3	n/a	462	6.4	n/a
2007	290	5.3	n/a	105	14.5	n/a	44	6.4	n/a	469	6.4	n/a

Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 2005 period linked birth/infant death data set. National Vital Statistics Reports; vol. 57, no. 2. Hyattsville, Maryland: National Center for Health Statistics. 2008.

Table 4-1. Number of Births by Age of Mother and Selected Characteristics, Wisconsin 2007

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	72,757	80	1,874	4,366	16,969	22,557	17,269	7,958	1,575	97
Education										
Elem. or Less	2,800	64	106	109	722	756	584	344	98	17
Some H.S.	8,213	14	1,592	1,403	2,634	1,610	652	262	43	3
H.S. Grad	20,449	-	160	2,416	7,684	5,778	2,847	1,241	314	9
Some College	18,599	-	-	409	4,738	6,742	4,331	1,992	368	18
College Grad	15,115	-	-	1	920	5,528	5,697	2,486	451	32
Post-Grad	7,167	-	4	1	172	2,032	3,083	1,576	283	16
Unknown	414	2	12	27	99	111	75	57	18	2
Marital Status										
Married	46,726	-	117	578	6,462	16,524	14,796	6,864	1,304	80
Unmarried	26,020	80	1,757	3,788	10,507	6,033	2,473	1,094	271	17
Unknown	11	-	-	-	-	-	-	-	-	-
Trimester Prenatal Care Began										
First	60,275	36	1,105	3,102	13,083	19,393	15,325	6,896	1,257	77
Second	9,438	30	575	997	2,950	2,434	1,448	760	231	13
Third	1,734	10	125	151	551	408	274	165	48	2
None	615	3	39	65	184	143	86	70	20	4
Unknown	695	1	30	51	201	179	136	67	19	1
Number of Prenatal Care Visits										
No Visits	614	3	39	65	183	143	86	70	20	4
1-4	1,893	6	104	171	616	437	294	206	55	4
5-9	13,259	22	523	1,106	3,737	3,810	2,564	1,199	274	24
10-12	31,902	32	749	1,777	7,012	10,161	7,953	3,504	676	37
13+	23,860	14	418	1,170	5,093	7,652	6,107	2,862	518	26
Unknown	1,229	3	41	77	328	354	265	117	32	2
Smoked During Pregnancy										
No	61,717	72	1,566	3,307	12,886	19,304	15,769	7,283	1,432	93
Yes	10,843	7	300	1,049	4,048	3,199	1,461	638	138	3
Unknown	197	1	8	10	35	54	39	37	5	1
Live Birth Order										
1	28,334	78	1,717	3,398	8,423	8,486	4,431	1,485	289	16
2	23,608	2	146	806	5,551	7,805	6,448	2,468	364	17
3	12,292	-	10	140	2,124	3,923	3,755	1,987	338	15
4	4,920	-	1	20	658	1,458	1,522	1,041	209	11
5+	3,598	-	-	2	211	885	1,113	977	373	37
Unknown	5	-	-	-	2	-	-	-	2	1
Plurality										
Single Birth	70,499	80	1,846	4,285	16,605	21,898	16,599	7,583	1,508	83
Multiple Birth	2,258	-	28	81	364	659	670	375	67	14
Prematurity										
Full-Term (37+ Weeks)	64,674	64	1,552	3,817	15,054	20,212	15,516	7,018	1,357	75
Premature (<37 Weeks)	8,072	15	321	549	1,913	2,344	1,750	939	218	21
Unknown	11	1	1	-	2	1	3	1	-	1
Attendant at Birth										
Physician, M.D.	62,249	61	1,527	3,620	14,155	19,274	15,147	7,015	1,366	79
Physician, D.O.	4,121	3	128	270	1,029	1,300	897	411	78	5
Cert. Nurse Midwife	5,320	14	216	463	1,553	1,655	975	376	62	6
Other Midwife	637	-	1	6	136	197	152	95	44	6
Other	429	2	2	7	96	130	98	61	25	1
Unknown	1	-	-	-	-	1	-	-	-	-

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

Notes: Included in the totals are 12 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 2007

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	100.0%									
Education										
Elem. or Less	3.8	80.0	5.7	2.5	4.3	3.4	3.4	4.3	6.2	17.5
Some H.S.	11.3	17.5	85.0	32.1	15.5	7.1	3.8	3.3	2.7	3.1
H.S. Grad	28.1	-	8.5	55.3	45.3	25.6	16.5	15.6	19.9	9.3
Some College	25.6	-	-	9.4	27.9	29.9	25.1	25.0	23.4	18.6
College Grad	20.8	-	-	0.0	5.4	24.5	33.0	31.2	28.6	33.0
Post-Grad	9.9	-	0.2	0.0	1.0	9.0	17.9	19.8	18.0	16.5
Unknown	0.6	2.5	0.6	0.6	0.6	0.5	0.4	0.7	1.1	2.1
Marital Status										
Married	64.2	-	6.2	13.2	38.1	73.3	85.7	86.3	82.8	82.5
Unmarried	35.8	100.0	93.8	86.8	61.9	26.7	14.3	13.7	17.2	17.5
Unknown	0.0	-	-	-	-	-	-	-	-	-
Trimester Prenatal Care Began										
First	82.8	45.0	59.0	71.0	77.1	86.0	88.7	86.7	79.8	79.4
Second	13.0	37.5	30.7	22.8	17.4	10.8	8.4	9.6	14.7	13.4
Third	2.4	12.5	6.7	3.5	3.2	1.8	1.6	2.1	3.0	2.1
None	0.8	3.8	2.1	1.5	1.1	0.6	0.5	0.9	1.3	4.1
Unknown	1.0	1.3	1.6	1.2	1.2	0.8	0.8	0.8	1.2	1.0
Number of Prenatal Care Visits										
No Visits	0.8	3.8	2.1	1.5	1.1	0.6	0.5	0.9	1.3	4.1
1-4	2.6	7.5	5.5	3.9	3.6	1.9	1.7	2.6	3.5	4.1
5-9	18.2	27.5	27.9	25.3	22.0	16.9	14.8	15.1	17.4	24.7
10-12	43.8	40.0	40.0	40.7	41.3	45.0	46.1	44.0	42.9	38.1
13+	32.8	17.5	22.3	26.8	30.0	33.9	35.4	36.0	32.9	26.8
Unknown	1.7	3.8	2.2	1.8	1.9	1.6	1.5	1.5	2.0	2.1
Smoked During Pregnancy										
No	84.8	90.0	83.6	75.7	75.9	85.6	91.3	91.5	90.9	95.9
Yes	14.9	8.8	16.0	24.0	23.9	14.2	8.5	8.0	8.8	3.1
Unknown	0.3	1.3	0.4	0.2	0.2	0.2	0.2	0.5	0.3	1.0
Live Birth Order										
1	38.9	97.5	91.6	77.8	49.6	37.6	25.7	18.7	18.3	16.5
2	32.4	2.5	7.8	18.5	32.7	34.6	37.3	31.0	23.1	17.5
3	16.9	-	0.5	3.2	12.5	17.4	21.7	25.0	21.5	15.5
4	6.8	-	0.1	0.5	3.9	6.5	8.8	13.1	13.3	11.3
5+	4.9	-	-	0.0	1.2	3.9	6.4	12.3	23.7	38.1
Unknown	0.0	-	-	-	0.0	-	-	-	0.1	1.0
Plurality										
Single Birth	96.9	100.0	98.5	98.1	97.9	97.1	96.1	95.3	95.7	85.6
Multiple Birth	3.1	-	1.5	1.9	2.1	2.9	3.9	4.7	4.3	14.4
Prematurity										
Full Term (37+ Weeks)	88.9	80.0	82.8	87.4	88.7	89.6	89.8	88.2	86.2	77.3
Premature (<37 Weeks)	11.1	18.8	17.1	12.6	11.3	10.4	10.1	11.8	13.8	21.6
Unknown	0.0	1.3	0.1	-	0.0	0.0	0.0	0.0	-	1.0
Attendant at Birth										
Physician, M.D.	85.6	76.3	81.5	82.9	83.4	85.4	87.7	88.2	86.7	81.4
Physician, D.O.	5.7	3.8	6.8	6.2	6.1	5.8	5.2	5.2	5.0	5.2
Cert. Nurse Midwife	7.3	17.5	11.5	10.6	9.2	7.3	5.6	4.7	3.9	6.2
Other Midwife	0.9	-	0.1	0.1	0.8	0.9	0.9	1.2	2.8	6.2
Other	0.6	2.5	0.1	0.2	0.6	0.6	0.6	0.8	1.6	1.0
Unknown	0.0	-	-	-	-	0.0	-	-	-	-

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

Notes: Included in the totals are 12 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 2007

	Total	White	Black/Afr. American	American Indian	Hispanic/ Latino	Laotian or Hmong	Other Asian
Total	72,757	54,522	7,230	1,171	6,911	1,304	1,580
Age of Mother							
<15	80	14	38	5	19	4	-
15-17	1,874	757	570	72	390	70	15
18-19	4,366	2,346	1,003	160	674	145	33
20-24	16,969	11,232	2,547	419	2,063	518	181
25-29	22,557	17,838	1,742	281	1,862	297	530
30-34	17,269	14,317	851	157	1,257	150	534
35-39	7,958	6,615	393	62	543	94	246
40-44	1,575	1,327	78	14	96	21	39
45+	97	73	8	1	7	5	2
Unknown	12	3	-	-	-	-	-
Education of Mother							
Elem. or Less	2,800	999	135	19	1,398	199	50
Some H.S.	8,213	3,478	2,141	281	2,030	193	86
H.S. Grad	20,449	14,395	2,811	471	2,059	459	246
Some College	18,599	15,345	1,557	295	847	298	250
College Grad	15,115	13,750	342	69	341	88	519
Post-Grad	7,167	6,327	177	32	173	32	424
Unknown	414	228	67	4	63	35	5
Marital Status							
Married	46,726	39,721	1,130	325	3,171	959	1,400
Unmarried	26,020	14,799	6,100	846	3,740	345	180
Unknown	11	2	-	-	-	-	-
Trimester Prenatal Care Began							
First	60,275	47,181	5,304	822	4,917	720	1,311
Second	9,438	5,581	1,383	258	1,524	486	200
Third	1,734	1,026	255	66	283	60	43
None	615	290	192	17	89	14	10
Unknown	695	444	96	8	98	24	16
Number of Prenatal Care Visits							
No Visits	614	289	192	17	89	14	10
1-4	1,893	1,112	407	63	222	59	27
5-9	13,259	8,943	1,521	334	1,712	462	279
10-12	31,902	24,408	2,617	428	3,157	528	753
13+	23,860	18,939	2,347	310	1,572	205	481
Unknown	1,229	831	146	19	159	36	30
Smoked During Pregnancy							
No	61,717	45,664	6,009	747	6,492	1,242	1,533
Yes	10,843	8,728	1,198	418	395	59	43
Unknown	197	130	23	6	24	3	4
Live Birth Order							
1	28,334	21,913	2,551	433	2,314	372	725
2	23,608	18,367	1,931	315	2,156	289	546
3	12,292	8,974	1,247	223	1,435	218	191
4	4,920	3,224	737	102	643	138	75
5+	3,598	2,040	764	98	363	287	43
Unknown	5	4	-	-	-	-	-

(Continued)

Table 4-3. Number of Births by Race/Ethnicity of Mother and Selected Characteristics, Wisconsin 2007

	Total	White	Black/Afr. American	American Indian	Hispanic/ Latino	Laotian or Hmong	Other Asian
Total	72,757	54,522	7,230	1,171	6,911	1,304	1,580
Prematurity							
Full Term (37+ Weeks)	64,674	48,924	5,978	1,015	6,131	1,169	1,425
Premature (<37 Weeks)	8,072	5,592	1,250	156	778	135	155
Unknown	11	6	2	-	2	-	-
Gestational Age (Weeks)							
16-31 Weeks	1,354	865	290	15	134	21	28
32-35 Weeks	3,759	2,581	572	84	371	74	74
36 Weeks	2,959	2,146	388	57	273	40	53
37-41 Weeks	59,461	45,207	5,419	907	5,569	1,023	1,308
42-45 Weeks	5,213	3,717	559	108	562	146	117
Unknown	11	6	2	-	2	-	-

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

Notes: Included in the totals are 39 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 2007

	Total	White	Black/Afr. American	American Indian	Hispanic/ Latino	Laotian or 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	0.5	0.4	0.3	0.3	-
15-17	2.6	1.4	7.9	6.1	5.6	5.4	0.9
18-19	6.0	4.3	13.9	13.7	9.8	11.1	2.1
20-24	23.3	20.6	35.2	35.8	29.9	39.7	11.5
25-29	31.0	32.7	24.1	24.0	26.9	22.8	33.5
30-34	23.7	26.3	11.8	13.4	18.2	11.5	33.8
35-39	10.9	12.1	5.4	5.3	7.9	7.2	15.6
40-44	2.2	2.4	1.1	1.2	1.4	1.6	2.5
45+	0.1	0.1	0.1	0.1	0.1	0.4	0.1
Unknown	0.0	0.0	-	-	-	-	-
Education of Mother							
Elem. or Less	3.8	1.8	1.9	1.6	20.2	15.3	3.2
Some H.S.	11.3	6.4	29.6	24.0	29.4	14.8	5.4
H.S. Grad	28.1	26.4	38.9	40.2	29.8	35.2	15.6
Some College	25.6	28.1	21.5	25.2	12.3	22.9	15.8
College Grad	20.8	25.2	4.7	5.9	4.9	6.7	32.8
Post-Grad	9.9	11.6	2.4	2.7	2.5	2.5	26.8
Unknown	0.6	0.4	0.9	0.3	0.9	2.7	0.3
Marital Status							
Married	64.2	72.9	15.6	27.8	45.9	73.5	88.6
Unmarried	35.8	27.1	84.4	72.2	54.1	26.5	11.4
Unknown	0.0	0.0	-	-	-	-	-
Trimester Prenatal Care Began							
First	82.8	86.5	73.4	70.2	71.1	55.2	83.0
Second	13.0	10.2	19.1	22.0	22.1	37.3	12.7
Third	2.4	1.9	3.5	5.6	4.1	4.6	2.7
None	0.8	0.5	2.7	1.5	1.3	1.1	0.6
Unknown	1.0	0.8	1.3	0.7	1.4	1.8	1.0
Number of Prenatal Care Visits							
No Visits	0.8	0.5	2.7	1.5	1.3	1.1	0.6
1-4	2.6	2.0	5.6	5.4	3.2	4.5	1.7
5-9	18.2	16.4	21.0	28.5	24.8	35.4	17.7
10-12	43.8	44.8	36.2	36.5	45.7	40.5	47.7
13+	32.8	34.7	32.5	26.5	22.7	15.7	30.4
Unknown	1.7	1.5	2.0	1.6	2.3	2.8	1.9
Smoked During Pregnancy							
No	84.8	83.8	83.1	63.8	93.9	95.2	97.0
Yes	14.9	16.0	16.6	35.7	5.7	4.5	2.7
Unknown	0.3	0.2	0.3	0.5	0.3	0.2	0.3
Live Birth Order							
1	38.9	40.2	35.3	37.0	33.5	28.5	45.9
2	32.4	33.7	26.7	26.9	31.2	22.2	34.6
3	16.9	16.5	17.2	19.0	20.8	16.7	12.1
4	6.8	5.9	10.2	8.7	9.3	10.6	4.7
5+	4.9	3.7	10.6	8.4	5.3	22.0	2.7
Unknown	0.0	0.0	-	-	-	-	-

(Continued)

Table 4-4. Percent of Births by Race/Ethnicity of Mother and Selected Characteristics, Wisconsin 2007

	Total	White	Black/Afr. American	American Indian	Hispanic/ Latino	Laotian or Hmong	Other Asian
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Prematurity							
Full Term (37+ Weeks)	88.9	89.7	82.7	86.7	88.7	89.6	90.2
Premature (<37 Weeks)	11.1	10.3	17.3	13.3	11.3	10.4	9.8
Unknown	0.0	0.0	0.0	-	0.0	-	-
Gestational Age (Weeks)							
16-31 Weeks	1.9	1.6	4.0	1.3	1.9	1.6	1.8
32-35 Weeks	5.2	4.7	7.9	7.2	5.4	5.7	4.7
36 Weeks	4.1	3.9	5.4	4.9	4.0	3.1	3.4
37-41 Weeks	81.7	82.9	75.0	77.5	80.6	78.5	82.8
42-45 Weeks	7.2	6.8	7.7	9.2	8.1	11.2	7.4
Unknown	0.0	0.0	0.0	-	0.0	-	-

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

Notes: Included in the totals are 39 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 2007

	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	72,757	870	1.2	4,219	5.8	67,652	93.0	5,089	7.0
Plurality									
Single Birth	70,499	653	0.9	3,206	4.5	66,627	94.5	3,859	5.5
Multiple Birth	2,258	217	9.6	1,013	44.9	1,025	45.4	1,230	54.5
Prematurity									
Full Term (37+ Weeks)	64,674	23	0.0	1,678	2.6	62,966	97.4	1,701	2.6
Premature (<37 Weeks)	8,072	847	10.5	2,540	31.5	4,678	58.0	3,387	42.0
Unknown	11	-	-	1	9.1	8	72.7	1	9.1
Age of Mother									
<15	80	1	1.3	8	10.0	71	88.8	9	11.3
15-17	1,874	47	2.5	148	7.9	1,679	89.6	195	10.4
18-19	4,366	65	1.5	344	7.9	3,956	90.6	409	9.4
20-24	16,969	194	1.1	1,121	6.6	15,650	92.2	1,315	7.7
25-29	22,557	238	1.1	1,196	5.3	21,122	93.6	1,434	6.4
30-34	17,269	195	1.1	830	4.8	16,237	94.0	1,025	5.9
35-39	7,958	108	1.4	439	5.5	7,409	93.1	547	6.9
40-44	1,575	19	1.2	120	7.6	1,436	91.2	139	8.8
45+	97	3	3.1	12	12.4	81	83.5	15	15.5
Unknown	12	-	-	1	8.3	11	91.7	1	8.3
Race/Ethnicity of Mother									
White	54,522	547	1.0	2,807	5.1	51,157	93.8	3,354	6.2
Black/Afr. American	7,230	209	2.9	769	10.6	6,248	86.4	978	13.5
American Indian	1,171	6	0.5	77	6.6	1,088	92.9	83	7.1
Hispanic/Latino	6,911	85	1.2	360	5.2	6,466	93.6	445	6.4
Laotian or Hmong	1,304	10	0.8	93	7.1	1,201	92.1	103	7.9
Other Asian	1,580	13	0.8	109	6.9	1,458	92.3	122	7.7
Unknown	39	-	-	4	10.3	34	87.2	4	10.3
Education of Mother									
Elem. or Less	2,800	28	1.0	152	5.4	2,620	93.6	180	6.4
Some H.S.	8,213	133	1.6	699	8.5	7,380	89.9	832	10.1
H.S. Grad	20,449	305	1.5	1,343	6.6	18,797	91.9	1,648	8.1
Some College	18,599	180	1.0	1,016	5.5	17,401	93.6	1,196	6.4
College Grad	15,115	141	0.9	671	4.4	14,297	94.6	812	5.4
Post-Grad	7,167	63	0.9	305	4.3	6,799	94.9	368	5.1
Unknown	414	20	4.8	33	8.0	358	86.5	53	12.8
Marital Status									
Married	46,726	434	0.9	2,205	4.7	44,079	94.3	2,639	5.6
Unmarried	26,020	436	1.7	2,013	7.7	23,563	90.6	2,449	9.4
Unknown	11	-	-	1	9.1	10	90.9	1	9.1

(Continued)

Table 4-5. Number and Percent of Births by Birthweight and Selected Characteristics, Wisconsin 2007

	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	60,275	685	1.1	3,370	5.6	56,210	93.3	4,055	6.7
Second	9,438	94	1.0	617	6.5	8,725	92.4	711	7.5
Third	1,734	9	0.5	92	5.3	1,633	94.2	101	5.8
None	615	54	8.8	81	13.2	479	77.9	135	22.0
Unknown	695	28	4.0	59	8.5	605	87.1	87	12.5
Number of Prenatal Care Visits									
No Visits	614	54	8.8	81	13.2	478	77.9	135	22.0
1-4	1,893	151	8.0	200	10.6	1,541	81.4	351	18.5
5-9	13,259	353	2.7	1,272	9.6	11,633	87.7	1,625	12.3
10-12	31,902	143	0.4	1,401	4.4	30,354	95.1	1,544	4.8
13+	23,860	125	0.5	1,151	4.8	22,578	94.6	1,276	5.3
Unknown	1,229	44	3.6	114	9.3	1,068	86.9	158	12.9
Smoked During Pregnancy									
No	61,717	696	1.1	3,135	5.1	57,873	93.8	3,831	6.2
Yes	10,843	170	1.6	1,074	9.9	9,598	88.5	1,244	11.5
Unknown	197	4	2.0	10	5.1	181	91.9	14	7.1
Type of Delivery									
Vaginal After									
Previous C-Section	1,081	14	1.3	40	3.7	1,027	95.0	54	5.0
Forceps	984	6	0.6	45	4.6	933	94.8	51	5.2
Other Vaginal	52,536	356	0.7	2,482	4.7	49,684	94.6	2,838	5.4
Primary C-Section	10,296	389	3.8	1,185	11.5	8,720	84.7	1,574	15.3
Repeat C-Section	7,859	105	1.3	467	5.9	7,287	92.7	572	7.3
Other	1	-	-	-	-	1	100.0	-	-
Live Birth Order									
1	28,334	385	1.4	1,778	6.3	26,166	92.3	2,163	7.6
2	23,608	229	1.0	1,152	4.9	22,222	94.1	1,381	5.8
3	12,292	121	1.0	674	5.5	11,495	93.5	795	6.5
4	4,920	71	1.4	333	6.8	4,514	91.7	404	8.2
5+	3,598	64	1.8	281	7.8	3,252	90.4	345	9.6
Unknown	5	-	-	1	20.0	3	60.0	1	20.0
Congenital Anomalies									
No	71,498	810	1.1	4,073	5.7	66,600	93.1	4,883	6.8
Yes	1,259	60	4.8	146	11.6	1,052	83.6	206	16.4

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

Notes: Included in the totals are 16 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 2007

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	72,757	34	494	824	3,759	2,959	37,354	14,812	7,295	5,213	11
<500 Grams	107	18	84	2	2	-	-	-	-	-	-
500-999 Grams	304	4	208	73	12	1	3	-	-	3	-
1,000-1,499 Gms	459	1	56	251	127	7	14	1	1	1	-
1,500-1,999 Gms	1,011	-	18	202	540	98	125	12	7	9	-
2,000-2,499 Gms	3,208	-	17	62	1,103	500	1,212	151	79	83	1
2,500-2,999 Gms	11,501	-	32	61	985	1,102	6,677	1,349	676	617	2
3,000-3,499 Gms	27,377	6	47	97	648	849	15,718	5,559	2,489	1,961	2
3,500-3,999 Gms	21,535	5	23	66	268	307	10,631	5,637	2,800	1,794	4
4,000-4,499 Gms	6,123	-	2	7	58	81	2,546	1,804	1,032	593	-
4,500+ Grams	1,116	-	2	3	14	14	421	299	211	152	-
Unknown	16	-	5	-	2	-	7	-	-	-	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	0.1	52.9	17.0	0.2	0.1	-	-	-	-	-	-
500-999 Grams	0.4	11.8	42.1	8.9	0.3	0.0	0.0	-	-	0.1	-
1,000-1,499 Gms	0.6	2.9	11.3	30.5	3.4	0.2	0.0	0.0	0.0	0.0	-
1,500-1,999 Gms	1.4	-	3.6	24.5	14.4	3.3	0.3	0.1	0.1	0.2	-
2,000-2,499 Gms	4.4	-	3.4	7.5	29.3	16.9	3.2	1.0	1.1	1.6	9.1
2,500-2,999 Gms	15.8	-	6.5	7.4	26.2	37.2	17.9	9.1	9.3	11.8	18.2
3,000-3,499 Gms	37.6	17.6	9.5	11.8	17.2	28.7	42.1	37.5	34.1	37.6	18.2
3,500-3,999 Gms	29.6	14.7	4.7	8.0	7.1	10.4	28.5	38.1	38.4	34.4	36.4
4,000-4,499 Gms	8.4	-	0.4	0.8	1.5	2.7	6.8	12.2	14.1	11.4	-
4,500+ Grams	1.5	-	0.4	0.4	0.4	0.5	1.1	2.0	2.9	2.9	-
Unknown	0.0	-	1.0	-	0.1	-	0.0	-	-	-	18.2

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

Note: In the totals there are 2 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 2007

Birthweight	Total	White	Black/Afr. American	American Indian	Hispanic/ Latino	Laotian or Hmong	Other Asian
<i>Number</i>							
Total	72,757	54,522	7,230	1,171	6,911	1,304	1,580
<500 Grams	107	65	31	-	10	1	-
500-999 Grams	304	178	84	2	34	1	5
1,000-1,499 Gms	459	304	94	4	41	8	8
1,500-1,999 Gms	1,011	647	217	19	87	18	22
2,000-2,499 Gms	3,208	2,160	552	58	273	75	87
2,500-2,999 Gms	11,501	7,730	1,885	163	1,083	295	341
3,000-3,499 Gms	27,377	20,162	2,734	388	2,803	620	646
3,500-3,999 Gms	21,535	17,241	1,321	390	1,941	245	392
4,000-4,499 Gms	6,123	5,097	269	120	536	34	66
4,500+ Grams	1,116	927	39	27	103	7	13
Unknown	16	11	4	-	-	-	-
<i>Percent</i>							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<500 Grams	0.1	0.1	0.4	-	0.1	0.1	-
500-999 Grams	0.4	0.3	1.2	0.2	0.5	0.1	0.3
1,000-1,499 Gms	0.6	0.6	1.3	0.3	0.6	0.6	0.5
1,500-1,999 Gms	1.4	1.2	3.0	1.6	1.3	1.4	1.4
2,000-2,499 Gms	4.4	4.0	7.6	5.0	4.0	5.8	5.5
2,500-2,999 Gms	15.8	14.2	26.1	13.9	15.7	22.6	21.6
3,000-3,499 Gms	37.6	37.0	37.8	33.1	40.6	47.5	40.9
3,500-3,999 Gms	29.6	31.6	18.3	33.3	28.1	18.8	24.8
4,000-4,499 Gms	8.4	9.3	3.7	10.2	7.8	2.6	4.2
4,500+ Grams	1.5	1.7	0.5	2.3	1.5	0.5	0.8
Unknown	0.0	0.0	0.1	-	-	-	-

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

Notes: Included in the totals are 39 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 2007

	Fetal Deaths (Gestation \geq 20 weeks)		Neonatal Deaths (Age <28 days)		Infant Deaths (Age <1 year)	
	Number	Rate	Number	Rate	Number	Rate
Total	386	5.3	292	4.0	469	6.4
Sex of Infant						
Male	202	5.4	150	4.0	252	6.8
Female	177	5.0	142	4.0	217	6.1
Unknown	7	-	-	-	-	-
Birthweight						
1,499 Grams or Less	252	224.6	188	216.1	213	244.8
1,500-2,499 Grams	55	12.9	43	10.2	77	18.3
2,500+ Grams	73	1.1	55	0.8	172	2.5
Unknown	6	-	6	-	7	-
<u>White Non-Hispanic</u>						
1,499 Grams or Less	264	4.8	190	3.5	290	5.3
1,500-2,499 Grams	174	241.3	122	223.0	135	246.8
2,500+ Grams	31	10.9	31	11.0	50	17.8
Unknown	55	1.1	33	0.6	100	2.0
Unknown	4	-	4	-	5	-
<u>Black Non-Hispanic</u>						
1,499 Grams or Less	73	10.0	59	8.2	105	14.5
1,500-2,499 Grams	45	177.2	44	210.5	54	258.4
2,500+ Grams	16	-	4	-	12	-
Unknown	11	-	9	-	37	5.9
Unknown	1	-	2	-	2	-
Gestational Age (Weeks)						
<37 Weeks	309	36.9	233	28.9	290	35.9
16-31 Weeks	237	149.0	191	141.1	219	161.7
32-35 Weeks	60	15.7	28	7.4	52	13.8
36 Weeks	12	-	14	-	19	-
37-41 Weeks	72	1.2	58	1.0	171	2.9
42-45 Weeks	4	-	-	-	7	-
Unknown	1	-	1	-	1	-
Marital Status						
Married	210	4.5	139	3.0	206	4.4
Unmarried	176	6.7	153	5.9	263	10.1
Unknown	-	-	-	-	-	-
Education of Mother						
Elementary or Less	20	7.1	13	-	17	-
Some High School	44	5.3	43	5.2	85	10.3
High School Graduate	127	6.2	100	4.9	167	8.2
Some College	75	4.0	54	2.9	95	5.1
College Graduate	47	3.1	44	2.9	64	4.2
Post Graduate	32	4.4	19	-	22	3.1
Unknown	41	90.1	19	-	19	-

(Continued)

Table 4-8. Fetal, Neonatal, and Infant Deaths by Selected Characteristics, Wisconsin 2007

	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	-	-	-	-	-	-
15-17	13	-	20	10.7	25	13.3
18-19	30	6.8	20	4.6	43	9.8
20-24	100	5.9	74	4.4	148	8.7
25-29	92	4.1	86	3.8	122	5.4
30-34	88	5.1	53	3.1	77	4.5
35-39	52	6.5	33	4.1	45	5.7
40+	10	-	6	-	9	-
Unknown	1	-	-	-	-	-
Race/Ethnicity of Mother						
White	264	4.8	190	3.5	290	5.3
Black/African American	73	10.0	59	8.2	105	14.5
American Indian	2	-	5	-	12	-
Hispanic/Latino	32	4.6	28	4.1	44	6.4
Laotian or Hmong	4	-	5	-	9	-
Other Asian	10	-	4	-	8	-
Unknown	1	-	1	-	1	-
Trimester Prenatal Care Began						
First	301	5.0	216	3.6	353	5.9
Second	37	3.9	17	-	42	4.5
Third	2	-	9	-	16	-
None	16	-	32	52.0	38	61.8
Unknown	30	41.4	18	-	20	28.8
Number of Prenatal Care Visits						
No Visits	16	-	32	52.1	38	61.9
1-4 Visits	82	41.5	55	29.1	68	35.9
5-9 Visits	156	11.6	94	7.1	153	11.5
10-12 Visits	58	1.8	49	1.5	92	2.9
13+ Visits	38	1.6	44	1.8	98	4.1
Unknown	36	28.5	18	-	20	16.3
Plurality						
Single Birth	353	5.0	240	3.4	404	5.7
Multiple Birth	33	14.4	52	23.0	65	28.8
Smoked During Pregnancy						
No	296	4.8	224	3.6	351	5.7
Yes	87	8.0	64	5.9	114	10.5
Unknown	3	-	4	-	4	-

Source: Fetal death and matched birth-death files, Bureau of Health Information and Policy, Division of Public Health, Department of Health 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 2007 and United States, 2005

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)	64.5		66.7
Teen Birth Rate (births per 1,000 females ages 15-19)	32.0	32.4*	40.5
Mortality Rates			
Infant Mortality Rate (infant deaths per 1,000 live births)	6.4		6.9
Infant Mortality Rate – Black Non-Hispanic	14.5		13.6
Infant Mortality Rate – White Non-Hispanic	5.3		5.8
Neonatal Mortality Rate (deaths <28 days of age per 1,000 live births)	4.0		4.5
Perinatal Mortality Rate (fetal deaths and deaths <28 days of age per 1,000 live births and fetal deaths)	11.7	6.0**	6.7***
Birth Characteristics			
	Percent		Percent
Mother Unmarried	35.8%		36.9%
First-Trimester Prenatal Care	82.8		83.9
Late or No Prenatal Care	3.2		3.5
Maternal Smoking	14.9		10.7
C-Section Delivery	25.0		30.3
Birth Order 4+	11.7		11.1
Low Birthweight	7.0		8.2
Low Birthweight – Black Non-Hispanic	13.5		14.0
Low Birthweight – White Non-Hispanic	6.2%		7.3%

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 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.

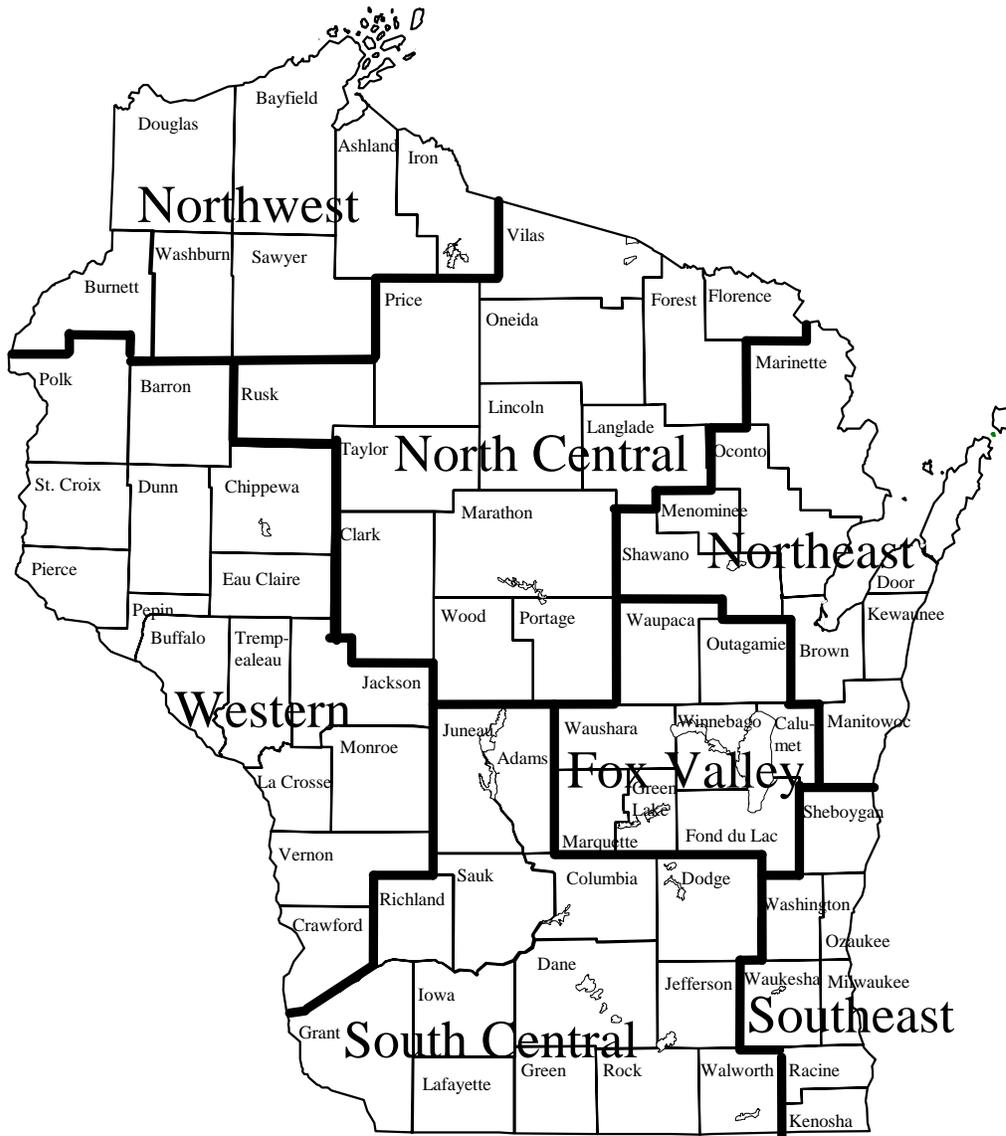
*** Rate for 2003, the latest available data. The US perinatal mortality rate is cited from National Center for Health Statistics, Health, United States, 2007 With Chartbook on Trends in the Health of Americans. Hyattsville, Maryland: 2007.

Map 1. Wisconsin Department of Health Services Regions, 2007



Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health 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, 2007



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

Note: See Technical Notes (page 109) 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, Ventura SJ, Menacker F, Kirmeyer S, Munson ML. Births: Final data for 2005. *National Vital Statistics Reports*, Vol. 56, No. 6. Hyattsville, Maryland: National Center for Health Statistics, 2007. National infant mortality data are drawn from Mathews TJ, MacDorman MF. Infant mortality statistics from the 2005 period linked birth/infant death data set. *National Vital Statistics Reports*, Vol. 57, No. 2. Hyattsville, Maryland: National Center for Health Statistics, 2008.

Birth Rate Calculations. Beginning with the 2006 publication of 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.

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

Prematurity. 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 2007, rather than the mortality experience of the 2007 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 15 deaths in 2007 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.